



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI

Kampus
Merdeka
INDONESIA JAYA

VOKASI
KUAT. Menguatkan
INDONESIA



GUIDE BOOK

RESEARCH AND DEVOTION TO PUBLIC

DIREKTORAT JENDERAL PENDIDIKAN TINGGI, RISET, DAN TEKNOLOGI
DIREKTORAT JENDERAL PENDIDIKAN VOKASI

20
23



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**RESEARCH GUIDE AND DEVOTION TO
PUBLIC YEAR 2023**

**ORGANIZER'S COLLEGE EDUCATION ACADEMIC
AND EDUCATION VOCATIONAL**

MINISTRY EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY

GUIDE BOOK

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**GUIDE RESEARCH AND DEVOTION TO PUBLIC
YEAR 2023**

**ORGANIZER'S COLLEGE EDUCATION ACADEMIC
AND EDUCATION VOCATIONAL**

MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY

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SAY INTRODUCTION

Assalamualaikum Warohmatullohi Wabarokaatuh,

Regards prosperous for us all,

We offer praise and gratitude to the presence of Almighty God who has bestowed this His grace, favors and guidance so that the Research and Service Guidebook to Public This has resolved.

Education tall as part from system education national own role strategic in enlighten life nation And advance knowledge knowledge And technology with notice And apply mark humanities as well as civilisation And empowerment nation Indonesia Which sustainable. In frame increase Power competitive nation For face globalization in all field required education tall capable of developing science and technology and producing intellectual, scientist, and/or professional Which cultured And creative, tolerant, democratic, have a tough character, and dare to defend the truth for the interests of the nation. By Because That college tall own obligation in carry out education, study And devotion to public Which poured in Tridharma in accordance with the mandate of Law Number 20 of 2003 article 20 paragraph 2 concerning Systems National Education and Law Number 12 of 2012 concerning Education Tall. As effort support implementation tridharma college tall, Ministry Education, Culture, Research, And Technology (Kemdikbudristek) through Directorate General Education Tall, Research, And Technology (DG Diktiristek) And Directorate General of Vocational Education (Ditjen Vokasi) has prepared a Research Guidebook and Devotion to Public This along with development regulations related with implementation of research and community service for PTN and PTS in Indonesia. This guidebook can be used as a reference in submitting proposals study And devotion to public.

Ministry of Education and Culture through DG Diktiristek And DG Vocational realize importance role research and community service in higher education, and continue to strive improving the quality of research and community service and being committed in the development of research and community service that produces results innovation that benefits various *stakeholders* (government, industry, related agencies). Funding for Research and Community Service comes from the Aid budget State University Operations (BOPTN) in accordance with the Decree of the Minister of Education, Culture, Research and Technology Number 126/P/2022 concerning the Use of Assistance Operations of State Universities Research and Community Service. The funding in question is intended for lecturers who fall under the Ministry Education, Culture, Research, And Technology (Kemdikbudristek). Standard magnitude cost study And devotion to public refers to regulation Which applies.



Research and community service programs provide opportunities for lecturers in colleges to collaborate and produce studies which can become solutions and innovations amidst community needs and challenges, as well as results that can be disseminated through activities devoted to the public.

This Research and Community Service Guidebook accommodates 5 (five) research priorities for Indonesia's economic transformation, namely green economy, blue economy, digital economy, strengthening tourism, and health independence, which are harmonized with the focus areas, themes and research topics contained in the Presidential Regulation Number 38 Year 2018 about the National Research and Innovation Agenda 2017-2045. As an appreciation of Indonesia's cultural diversity, research and service to the community can include local wisdom issues which include system norms, values, knowledge, and technology local which are born from the public.

On its publication as a guidebook, we convey our deepest appreciation to all members of the drafting team and other parties who play a role in the contributions that have been made starting from initiating and preparation until publication. We are aware that this guidebook is still far from perfect so we invite the public to like it, give suggestions and input for improvement. In closing, we say thank you to all readers. Hopefully, this guidebook can give benefit for the advancement of the nation of Indonesia and world education.

Jakarta, March 2023

Nizam

Plt. Director General
Director General
Education, Research, and Education Technology

Kiki Yulianti

General
Director
Vocational

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PIG INTRODUCTION

Perguruan tinggi memiliki tugas menyelenggarakan pendidikan, penelitian, dan pengabdian masyarakat sebagaimana diatur dalam pasal 20 Undang-Undang Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional. Penelitian di perguruan tinggi diarahkan untuk mengembangkan pengetahuan dan teknologi, serta meningkatkan kesejahteraan publik dan daya saing bangsa seperti dijelaskan dalam Bab 45 dan 46 Undang-Undang Dasar 1945 Pasal 12 Tahun 2012 tentang Pendidikan Tinggi. Penelitian yang dimaksud dilaksanakan oleh komunitas akademik dan dilaksanakan berdasarkan kompetensi dan kompetisi.

Undang-Undang Nomor 11 Tahun 2019 tentang Sistem Nasional Ilmu Pengetahuan dan Teknologi telah menegaskan bahwa perguruan tinggi memiliki tugas menyelenggarakan Ilmu Pengetahuan dan Teknologi (IPTEKS) melalui pendidikan dan melaksanakan fungsinya dalam menyiapkan sumber daya manusia untuk kemajuan sains dan teknologi, dan bertanggung jawab meningkatkan tridharma kecapaian perguruan tinggi. Salah satu tujuan Sistem Nasional Ilmu Pengetahuan dan Teknologi adalah meningkatkan kemandirian dan daya saing bangsa yang berarti bahwa universitas didukung oleh lembaga non-pemerintah (LPNK), lembaga pemerintah (LPK), dan lembaga bisnis) dan tenaga ahli pendidikan tinggi sehingga mereka dapat berkontribusi dalam memperkuat ekonomi dan meningkatkan kesejahteraan publik.

Universitas juga memiliki peran strategis dalam memperkuat posisi sains dan teknologi sebagai investasi jangka pendek, jangka menengah, dan jangka panjang pembangunan nasional. Oleh karena itu, perguruan tinggi harus lebih mendorong dan memfasilitasi agar dapat menghasilkan lebih banyak penemuan dan inovasi yang menghasilkan teknologi yang sesuai untuk digunakan, menciptakan nilai tambah, serta meningkatkan produksi dan menggunakan komponen dalam negeri untuk mengurangi ketergantungan pada produk impor.

Secara umum tujuan penelitian dan pengabdian masyarakat di perguruan tinggi meliputi:

1. menghasilkan penelitian dan pengabdian masyarakat sesuai dengan Peraturan Menteri Pendidikan dan Kebudayaan Nomor 3 Tahun 2020 tentang Standar Nasional Pendidikan Tinggi;
2. memastikan pengembangan penelitian yang unggul spesifik dan mengembangkan pemberdayaan masyarakat;
3. meningkatkan penelitian dan kapasitas layanan masyarakat;



4. achieve and improve quality according to targets and relevance of research results for public Indonesia;
5. provide solutions based on academic studies of needs, challenges, or problem Which faced public, Good in a way direct nor No direct;
6. increasing dissemination of research results and protection of intellectual property in a way national And international;
7. carry out activities that are able to empower society at all strata, in a way economy, political, social, And culture; And
8. transfer technology, science and art to society for development human dignity with *gender justice* and social inclusion and resource sustainability natural.

So that the objectives of research and community service in higher education can be achieved achieved, Directorate General Education Tall, Research, And Technology cq Directorate Research, Technology, And Devotion To Public (DRTPM) And Directorate General Vocational Education cq the Academic Directorate of Vocational Higher Education (DAPTV) encourages and facilitating lecturers in carrying out research and service activities to the community to support improving the quality of higher education and competitiveness nation, And well-being people in a way programmed And sustainable. Program research and community service at DRTPM and DAPTV include field knowledge as loaded in [Attachment 1](#).

Besides develop various program study And devotion to public directly to universities, DRTPM and DAPTV also continue to build cooperation with various partner institutions, both at national and international levels. On level national, Work The same done with institution government, like ministries/non-ministries, local governments, community institutions, and the world business and industrial world (DUDI). DRTPM and DAPTV also continue to develop work with Indonesian universities and international research institutions, scientific associations,And institution education in various country.

Portals Base Information Study And Devotion to Public (BIMA) is *one stop service* research and community service programs for lecturers at environment of the Ministry of Education, Culture, Research and Technology (Kemdikbudristek) starting from submitting proposals, the proposal selection process, determining funded proposals, monitoring And evaluation, until reporting activity study And devotion to community funded by DRTPM/DAPTV. This guide is a reference for funding in DRTPM/DAPTV, And expected implementation activity can build culture study And devotion to public Which superior, solution, And own impactWhich significant.



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Bagian

1

PANDUAN PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

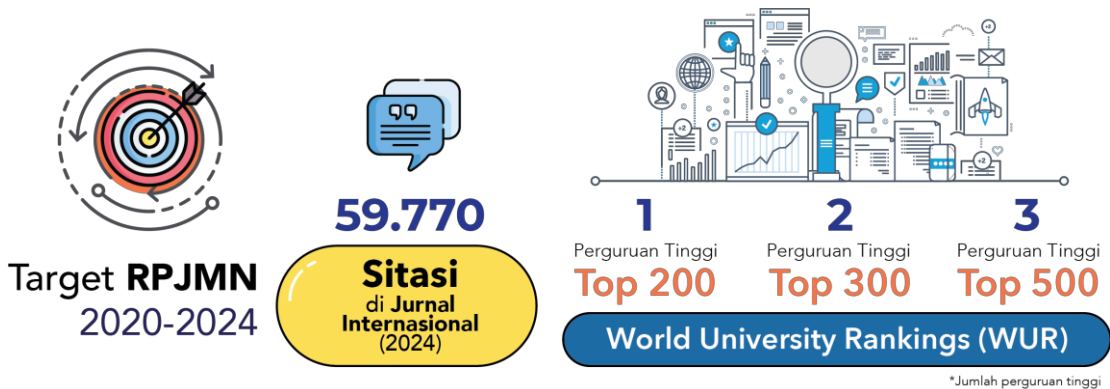
**DIREKTORAT RISET, TEKNOLOGI, DAN
PENGABDIAN KEPADA MASYARAKAT**

(BAB II s.d. BAB III)

CHAPTER II PROGRAM STUDY

Per teacher Tall (PT) in Indonesia Which amount more from 4,500 own quality source Power researcher, infrastructure, And funding study Which No equally. Refer on data Which served in Plan Development Period Intermediate National (RPJMN) 2020-2024 targeted amount citation in journal international as big as 59,770 on year 2024. Besides That, government Also target There is 1 (One) PT enter to in Top 200 world version *World University Rankings (WUR)*, 2 (two) PT enter in Top 300 WUR, And 3 (three) PT enter in Top 500 WUR. Answer challenge the, DRTPM designing scheme Which diverse start from study base, applied, until with development To use accommodate all over researcher with various competence

And quality.



Basic research is expected to be able to increase the capacity of researchers and develop a track record that leads to a superior research culture. Outputs from basic research become leverage towards applied research and development schemes, as well strengthen networks between universities. Furthermore, applied research is expected become vehicle incubation technology or work monumental For can removed/applied. This applied research also facilitates increased expertise researchers in their field of expertise so that they can become international references. Study development expected capable bring technology Which has through process incubation towards a commercial scale production process and partnering with the World Business World Industry (DUDI).

2.1 PROVISION GENERAL PROGRAM STUDY

Implementation of research programs must refer to quality assurance standards study And devotion to public in college tall in accordance with established signs. In this regard, DRTPM establish general provisions for the implementation of the described research program as following:

- a. The chief researcher is a permanent lecturer at a university under the Ministry Education, Culture, Research, And Technology Which have Number Parent National Lecturer (NIDN) or Special Lecturer Identification Number (NIDK) and not as Apparatus Civil Country (ASN) in Ministries/Institutions other;

- b. Research members are lecturers who have NIDN or NIDK, students who have a Student Identification Number (NIM) and/or the general public who own Number Identity (NIK/Passport);
- c. proposal done through BIMA (<https://bima.kemdikbud.go.id/>) And must get agreement from Leader Institution Study And Devotion to the Community (LPPM)/Research Institute or other name of institution kind in place lecturer the on duty as lecturer still;
- d. Each lecturer can propose one research proposal as chairman and one as a member as long as he is not chairman or member of the research walk;
- e. every lecturer get funding maximum as much One as chairman And One as member, or two as member;
- f. special For study fundamentals consortium, chairman proposer can submit One proposal other as chairman;
- g. specifically for postgraduate research, the applicant can submit the most a total of five proposals, both as chairman and member (not included provisions points d – f), with the condition that they can only obtain funding maximum of two as chairman, or one as chairman, and one as member, or two as member;
- h. if the research is stopped prematurely due to the researcher's negligence or proven to obtain double funding or re-proposing research Which has funded previously, so chairman researcher the No permitted propose study with source funding from DRTPM during two year consecutive And required return fundWhich has accepted to cash country;
- i. Institute for Research and Community Service (LPPM)/Institution Research or other similar institutions are required to carry out research monitoring And evaluation internal on all activity study And community service in research at each university with refers to system guarantee quality Which valid;
- j. Researchers are required to keep a diary, containing notes about implementation study in accordance with stages process study. Notes daily filled in to BIMA as part from completeness document implementation study;
- k. lead researcher in the final year of research who has external responsibilities must (in accordance scheme) more from One, so No can submit proposal new as chairman And still must pay off dependents;
- l. chairman researcher on study year walk Which own dependents outer must (in accordance scheme) more from One, so his research No can nextAnd still must pay off dependents;
- m. Accountability for research funds refers to the Cost Unit provisions Output (SBK) and Unit Input Costs (SBM) for the applicable fiscal year Which set by Minister Finance;
- n. The lead researcher is required to act as corresponding author in all outer study Which form publication scientific;
- o. specifically for postgraduate research, student research members are required to become writer First in all outer study Which form publication scientific;

- p. mandatory researchers mention the source of funding (i.e.: Directorate General Higher Education, Research and Technology, Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia) and the year of funding for each form outer study Good form publication scientific, paper Which presented, nor poster, in *acknowledgment* or source fund;
- q. The research program supports the Independent Learning – Independent Campus program in research learning activities for students, with notes in its implementation adapt Book Guide Independent Study – Campus Merdeka published by the Directorate General of Higher Education, Research and Technology (DG Dikristek) Ministry Education, Culture, Research, And Technology.

In order to increase research capacity and research standards in universities high level and implement the provisions in Article 54 of the Minister of Education Regulation and Culture Number 3 of 2020 concerning National Higher Education Standards which requires universities to provide internal research funding, so college tall must provide fund companion management research at least 10% of the research funds provided by DRTPM For all scheme And confirmed on stages agreement by LPPM.

2.2 PROVISION USE BUDGET

Research funding refers to the Minister of Finance Regulation (PMK) concerning Standard Cost Output (SBK) Which load policy unit cost For SBK Sub-Output Study. Regulation the arrange budgeting activity research by considering type, research field, and sub-outputs resulting from. Basically, research funding consists of two types of funding that is SBK Research And SBK Addition.

SBK research For scheme study through funding BOPTN consists on SBK Research/Development/Capacity, Basic Research SBK , Applied Research SBK , Research SBK Development, and Strategic Actual Study SBK

as seen on attachment [Table 1. Scheme Study Funding BOPTN with Reference PMK](#) . SBK Research is the maximum limit of costs that can be approved For reach target outer must. SBK Research must described following the Standard Input Costs (SBM). is in effect. Additional SBK is the maximum limit cost Which can Approved For every outer addition.

Proposer required make plan budget cost (WED)study with refers on SBK Research. Justification WED made based on need study in accordance with characteristics, category, scheme, And field focus study. Details WED load component shopping material, collection data, analysis data, rent equipment, reporting, outer must, And outer addition.

Pengusul wajib membuat rencana anggaran biaya (RAB) penelitian dengan mengacu pada SBK Riset.



2.3 MANAGEMENT PROGRAM STUDY

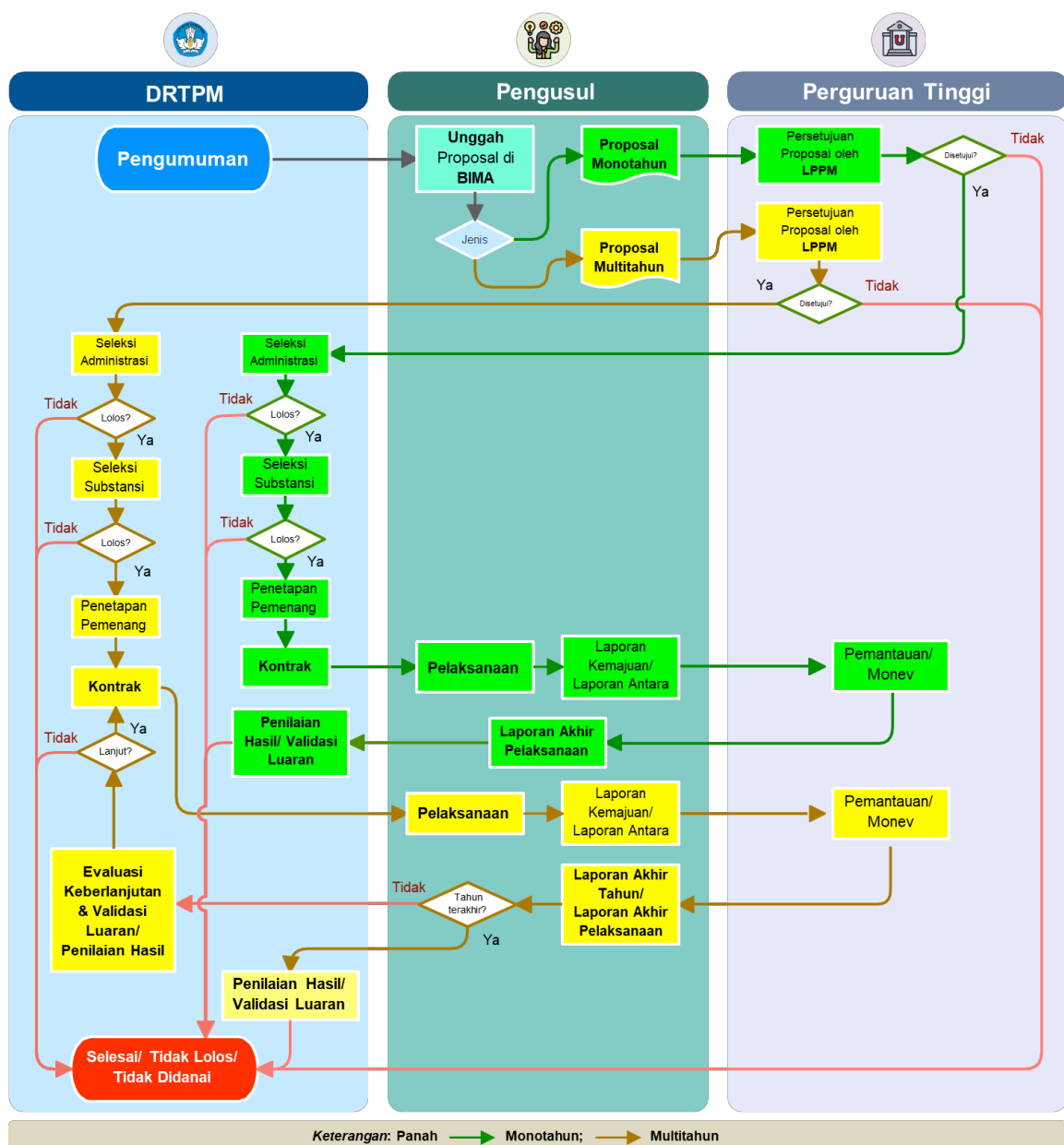
Activity study divided on a number of stages as following:

a. Stage Announcement

Cycle management program study started with DRTPM announce reception proposal study through page BIMA. Announcement reception The proposal is accompanied by a Research and Service Guidebook Society and the Guidebook for Research Management and Community Service Community through BIMA. Universities and Educational Service Institutions Tall (LLDIKTI) inform reception proposal to lecturer/researcher in scope it works each.

b. Stage Proposal Proposals Study

Channel stage proposal proposal study can seen like chart flow on Picture 2.3.1.



Picture 2.3.1 Stage Proposal Proposals Study

c. Stage Selection

Entire authority selection proposal done by DRTPM. By general selection proposal study held in two stages, that is:

- 1) Selection Administration, done For inspect suitability proposal with guide For become base determination to stage next;
- 2) Selection substance, done For evaluate substance study And appropriateness WED refers on criteria selection Which set.

d. Stage Determination

- 1) Determination proposal Which worthy For funded determined by DRTPM with consider results selection.
- 2) Size cost Which set is policy DRTPM with consider recommendation *reviewer* And availability budget.
- 3) Results determination will informed through BIMA.

e. Stage Implementation

Stage implementation program study consists on:

- 1) signing a funding contract in accordance with institutional status college tall;
- 2) making contract derivative/assignment to College Tall Private (PTS) and/or chairman executor;
- 3) melting fund Program Study;
- 4) revision proposal And WED refers to contract funding;
- 5) implementation activity in accordance with contract funding.

f. Stage Reporting

Researchers are obliged to provide progress/intermediate reports, final reports year, and the final report on research implementation follows the provisions as follows following:

- 1) report progress/between is form accountability implementation activity 70% on scheme funding monoyear And multi-year;
- 2) The head of the research team is required to fill in daily notes and submit reports progress/between, outer research, And Letter Statement Not quite enough Answer Shopping (SPTB) 70% according to the deadline specified on the page BIMA;
- 3) The year-end report is a form of accountability for implementation activity 100% on scheme funding multiyear Which held on year walk;
- 4) report end implementation is form accountability implementation of research programs on a mono-year funding scheme and multiyear Which reported in year final activity;
- 5) The head of the research team is required to fill out a daily diary and submit a final report year or report end implementation, outer research, Letter Statement Shopping Responsibility (SPTB) 100%, and presentation (*PowerPoint slide*) results study in accordance [Attachment 3. File Formats Presentation Results Study](#)

- in accordance deadline time Which determined through page BIMA;
- 6) specifically for mono-year and multi-year funding schemes year final, Chairman Team Researcher recommended upload videos profile results research (video link) as a means of promoting appropriate research results [Attachment 4. Format Videos Results Activity Research](#).
- g. Stage Monitoring/ *Monitoring* And Evaluation
Stage monitoring/ *monitoring* and evaluation is form evaluation research program based on mandatory progress/intermediate reports held by all over college tall in a way internal And the result reported to DRTPM.
- h. Stage Evaluation Continuity
Stage evaluation continuity is evaluation to report end year research program multi-year funding scheme aimed at determine continuity funding on year next. Evaluation continuity held by DRTPM with assign committee assessor/ *reviewer*
- i. Stage Evaluation Results/Validation Outer Study
- 1) Stage evaluation results/validation outer study is evaluation achievement of outputs in the year-end report or final implementation report study.
 - 2) If outer Not yet in accordance target Which promised, so chairman team researcher given the opportunity to meet these output targets and DRTPM will do validation outer return.
 - 3) DRTPM can carry out research results assessments in the form of seminars if required.
 - 4) Assessment of the results/validation of research outcomes is carried out at the same time determined by DRTPM.

2.4 SCHEME PROGRAM STUDY

The research scheme organized by DRTPM includes 3 (three) schemes based on achievements Level Readiness Technology (TKT) as outlined on [Attachment 5. Description Level Readiness Technology \(TKT\)](#)

As for scheme program study consists from:

1. Scheme Study Base

Study with TKT levels 1 – 3 Which differentiated become a number of scheme derivative as following:

- Study Fundamentals.
- Study Work Same.
- Study Postgraduate.
- Study Lecturer Beginner.
- Study Policy Strategic.

2. Scheme Study Applied

Study with TKT levels 4 – 6.

3. Scheme Study Development

Study with TKT levels 7 – 9.

2.4.1 SCHEME STUDY BASE (PD)

Basic Research can be oriented towards explanation or discovery (invention) to anticipate a new symptom/phenomenon, rule, model or postulate which supports technological processes, health, agriculture, etc frame support study applied. Scheme Study Base This can done For study Work The same from in or outside country.

a. Study Fundamentals (PF)

Fundamental Research produces basic principles of technology, formulation concept and/or technology application, to proof of concept. Study Fundamentals can be proposed regularly or in the form of a consortium. The proposed Fundamental Research in the form of a consortium has provision as following:

- 1) Consortium members consist of 3 – 5 different universities from minimum two cluster Which different;
- 2) research respectively college tall submit One proposal with the same particular umbrella theme, with a multidisciplinary approach or monodisciplinary;
- 3) For Can funded, all over proposal must get away selection;
- 4) funding in accordance with the SBK Focus Area for each research proposals;
- 5) study consortium prioritized For funded, especially Which carries focus areas, themes and priority research topics in accordance with [Attachment 2. Field Focus Research, Theme Research, And Topic Research Priority](#).

Outer And condition proposal Study Fundamentals arranged asfollowing:

1) Outer Study

Outer must per year in the form of:

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal national accredited SYNTA 1 or 2; or
- c) One book results study has ISBN;
- d) On year final outer must can form patent/patents simple registered, or plant variety protection (PVP) registered, or design system location circuit integrated (DTLST) registered, or *policy briefs* , or script academic Which submitted to user or work monumental, or right create Which relevant with study.

2) Condition Proposal

Condition proposal Study Fundamentals as following:

- a) chairman proposer must own minimum position functional Lector, And have a SINTA *Overall Score* of at least 150 for science and technology and 50For field soshum And art;
- b) member proposer minimum One person lecturer;
- c) The research is multi-year in nature, the research period is 2 – 3 years andthe outside will evaluated every year;
- d) Research funding for each year follows the provisions funding based on field focus refers on SBK StudyBase.

b. Study Work Same (PK)

1) Work Same In Country

Study Work Same expected For increase Work The same research between groups of researchers from different clusters towards achieved equality quality study.

Outer And condition proposal study Work The same in countryarranged as following:

a) Outer Study (must involve all over college tall member team)

Outer must per year in the form of:

- (1) One article in journal international indexed on base data international reputable; or
- (2) One article in journal national accredited SYNTA 1 or 2; or
- (3) One book results study has an ISBN.

On year final outer must can form patent/patents simple registered, plant variety protection (PVT), circuit layout design integrated (DTLST) registered, *policy briefs* , script academic Which submitted to user or work monumental.

b) Condition Proposal

Condition proposal Study Work Same as following:

- (1) chairman proposer must own minimum position functional Lector, and have a SINTA *Overall Score* of at least 150 for the field scitech And 50 For field soshum And art;
- (2) The proposing members must be at least two lecturers, at least One person originate from cluster college tall Which different;
- (3) member proposer involve minimum One person student guidance study Which registered on Base Data Education Tall (PDDIKTI);
- (4) The research is multi-year in nature, the research period is 2 – 3 years And the outside will evaluated every year;
- (5) financing study For every the year follow provision funding based on field focus refers on SBK Study Base.

2) Cooperation Overseas

Study Work Same Outside Country between other But No limited on *Partenariat Hubert Curien* (PHC) Archipelago, *Newton Funds*, *Joints Funding Schemes for Research and Innovation Southeast Asia – Europe* (JFS SEA-EU), *e-ASIA Joints Research Program* (e-ASIA JRP) will explained on instructiontechnical separated.

c. **Study Postgraduate (PPS)**

Postgraduate Research is intended to improve the quality of graduates postgraduate. Postgraduate Research includes research with members student master or doctor Which registered on PDDIKTI.

Outer And condition proposal Study Postgraduate with memberstudent master arranged as following:

1) Research Output

Outer must in the form of:

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal international; or
- c) One article in journal national accredited SYNTA 1 until 4.

2) Condition Proposal

- a) chairman proposer educated Doctor with minimum position functional Lector, and have a SINTA *Overall Score of* at least 150 for the field of science and technology and 50 for the field of social and human affairs and moderate arts guide minimum One student master *full time* or has guidance from master's program students, both programs *masters by course* nor *masters by research* ;
- b) member proposer consists on lecturer mentor servant (If There is)And One student master guidance chairman proposer from

- college tall Which The same;
- c) study nature monoannual;
- d) financing study follow provision funding based on field focus refers to SBK Basic Research with magnitude cost maximum Rp. 30,000,000.

Outer And condition proposal Study Postgraduate with memberstudent doctor arranged as following:

1) Outer Study

Outer must per year in the form of:

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal international; or
- c) One article in journal national accredited SYNTA 1 or 2.

Outer must on year final in the form of:

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal international.

2) Condition Proposal

- a) chairman proposer educated Doctor with minimum position functional Lector, and have a SINTA *Overall Score of* at least 150 for the field of science and technology and 50 for the field of social and human affairs and moderate arts guide minimum One student doctor *full time* or have guidance student program doctor, Good program *doctor by course* or *doctor by research* ;
- b) member proposer consists on lecturer mentor servant (If There is) And One student doctor his guidance from college tall chairman proposer;
- c) The research is multi-year in nature, the research period is 1 – 2 years and The outcomes will be evaluated every year, specifically for the Master's Program towards a Doctorate of Excellence (PMDSU) research period 3 year;
- d) Research funding follows funding provisions based on The focus area refers to the Basic Research SBK with the amount cost maximum Rp. 60,000,000;
- e) special PMDSU, condition proposal other adapt with guidelines on Directorate Resource.

d. Study Lecturer Beginner (PDP)

Study Lecturer Beginner intended so that para researcher beginner can increase ability in carry out study. Outer And condition proposal Study Lecturer Beginner arranged as following:

1) Outer Study

- a) One article in journal international indexed on base data international reputable; or

- b) One article in journal international; or
- c) One article in journal national accredited SYNTA 1 until 6.

2) Condition Proposal

- a) the proposing chairman and members have the maximum functional position Lector (Credit Score (AK): 200) who comes from a university cluster intermediate, pratama, and building as well as having ID SYNTA;
- b) member proposer 1-2 person;
- c) proposer only can get scheme PDP as much two times as chairman;
- d) financing PDP refers on SBK Research Development/Capacity; And
- e) period time study One year.

e. Study Study Policy Strategic (KKS)

Strategic Policy Study research is intended to help agencies government in formulating strategic policies in order to solve problems public, including get solution to something problem Which seen important And urge.

Outer And condition proposal arranged as following:

1) Outer Study

Outer KKS form script academic Which can form *policy briefs* , recommendation policy, or model policy strategic to something problem in accordance with field assignment.

2) Condition Proposal

- a) chairman proposer educated minimum Masters And have competence in accordance with topic Which studied;
- b) member proposer 2 – 5 person;
- c) DRTPM appoints and gives assignments to universities tall as executor study with consider competence And source Power Which owned;
- d) DRTPM appoints a lecturer at the designated university as chairman team;
- e) chairman team Which appointed can form team Which originate from college tall other or institution in outside college tall;
- f) team proposer submit proposal;
- g) period KKS time during 1 year; And
- h) Strategic Policy Study financing refers to the Study SBK Actual Strategic.

2.4.2 SCHEME STUDY APPLIED (PT)

The Applied Research Scheme is divided into two pathways, namely: downstream pathway and pathway expertise. The downstream pathway is expected to be a continuation of basic research with outer prototype/work monumental or script policy. Track expertise intended to increase the competitiveness of Indonesian researchers through output article in journal international reputable.

a. Track Downstreaming

Outer And condition proposal track downstream arranged as following:

1) Outer Study

a) Prototype/work monumental

Outer prototype/work monumental each year as following:

- (1) year The first is in the form of prototype/monumental work;
- (2) second year in the form of prototype/ work trial documents monumental;
- (3) third year in the form of prototype/ work trial documents monumental on partner industry/partners industry creative;

And during period study produce:

- (1) One article in journal international indexed on base data international reputable; or
- (2) One article in journal national accredited SYNTA 1 or 2; or
- (3) One book results study has an ISBN.

b) Manuscript policy

Outer script policy each year as following:

- (1) year First script policy Which Already test public;
- (2) year second And third document process repair and/or letter statement that document will used from official minimum level Echelon II from authority Which in accordance;

And during period study produce:

- (1) One article in journal international indexed on base data international reputable; or
- (2) One article in journal national accredited SYNTA 1 or 2; or
- (3) One book results study has an ISBN.

2) Condition Proposal

- a) chairman proposer with minimum position functional Lector, And have a SINTA *Overall Score* of at least 150 for science and technology and 50For field soshum And art;
- b) has a patent/simple patent certified/ *granted* , protection varieties plant certified/ *granted* , design system location circuit certified/ *granted* , work monumental, or script academic Which relevant with proposal Which submitted;
- c) member proposer minimum One person lecturer;
- d) must own partner Which proven with letter statement (support) Which containing willingness as user results study;
- e) The research is multi-year in nature, the research period is 2 – 3 years andouter will evaluated every year; And
- f) Research funding follows funding provisions based on field focus refers on SBK Study Applied.

b. Track Expertise

Outer And condition proposal track expertise arranged as following:

- 1) Outer Study
 - a) The output per year is in the form of one article in an indexed international journal on reputable international databases and impact factors (Q1 or Q2);
 - b) during the research period produces one prototype or manuscript policy/manuscript academic or work monumental.
- 2) Condition Proposal
 - a) chairman proposer with minimum position functional Lector And have a SINTA *Overall Score of* at least 1,500 in the fields of science and technology 500 For field soshum And art;
 - b) member proposer minimum 1 person lecturer have NIDN/NIDK;
 - c) The research is multi-year in nature, the research period is 2 – 3 years andouter will evaluated every year; And
 - d) Research funding follows funding provisions based on field focus refers on SBK Study Applied.

2.4.3 SCHEME STUDY DEVELOPMENT (PP)

Scheme Study Development expected For speed up commercialization research results involving the business world and the industrial world (DUDI). the process.

The output and requirements for proposing a Development Research Scheme are regulated as following:

a. Research Output

The mandatory output of Development Research can be industrial products or product policy with criteria research respectively stages outer every year arranged as following:

- 1) year First form document test try prototype worthy industry on environment limited;
- 2) year second form document test try prototype worthy industry on environment Actually;
- 3) year third form document *feasibility study* And *business plans*.

b. Condition Proposal

- 1) chairman of the proposer with a minimum functional position of Lector and has SINTA Minimum *Overall Score* of 150 for science and technology and 50 for science soshum And art;
- 2) has an investor partner as proven by a statement letter contains a commitment to invest funds by partners in the form of *in cash* minimum as big as 50% from fund Which submitted;
- 3) 3 – 5 proposing members and a minimum of one proposing member from industry partners. Members who come from industry partners are proven with letter appointment by institutions/industry;

- 4) study nature multi year, period time study 2 – 3 year;
- 5) outer form product science and technology will evaluated every year; And
- 6) financing study For every the year follow provision funding based on field focus refers on SBK Study Development.

DRTPM can provide assignments to universities country and private with scheme, condition, And outer in accordance with need And urgency assignment.

Distribution authority every stages study based on group performance study college tall And status its institutions arranged as on attachment [Table 2. Proposing Research Based on Higher Education Clusters](#). Entire tentative schedule stages management study served on attachment [Table 3. Timetable Tentative Implementation of Research and Community Service Programs](#). Schematic summary funding study based on team executor, time, And funding served on [Table 4. Summary Scheme Funding, Team Researcher, And Time Implementation Study](#) And summary of the proposal, selection and implementation of research based on the funding scheme presented in [Table 5. Summary of Proposing, Selection and Implementation of Research Based on Scheme Funding](#).

CHAPTER III

PROGRAM DEVOTION TO PUBLIC

Directorate Research, Technology And Devotion to Public (DRTPM) apply paradigm activity devotion to public Which nature *problem solving* , comprehensive, meaningful, complete And sustainable with target Which No single And involve collaboration between world education, public, government, world business And world industry (DUDI). Devotion to public Which is downstream from products results study in college tall must capable applied And give contribution for public in a way wide.

In this case, DRTPM facilitates university personnel to carry it out The tridharma of higher education, one of which is service to the community aim For apply results research and superiority from college tall. Continuity from program devotion to public This expected can give contribution For progress And independence nation And country.

3.1. GENERAL PROVISIONS FOR COMMUNITY SERVICE PROGRAM

Implementation program devotion to public must refers on standard guarantee quality devotion to public in college tall in accordance with signs Which has set. Regarding with matter the, DRTPM establish general provisions program implementation devotion to public Which outlined as following:

- a. The chief executive of the service is a permanent lecturer at the university below Ministry Education, Culture, Research, And Technology Which have Number Parent Lecturer National (NIDN) or Number Parent Lecturer Special (NIDK) And No as Apparatus Civil Country (ASN) in Ministries/Institutions other;
- b. Service implementing members are lecturers who have NIDN or NIDK;
- c. involve student Which own Number Parent Student (NIM);
- d. proposal done through BIMA (<https://bima.kemdikbud.go.id/>) And must get agreement from Leader Institution Study And Devotion to the Community (LPPM)/Community Service Institutions or designation other institution kind in place lecturer the on duty as lecturer still;
- e. Each lecturer can submit two proposals for community service (one proposal as chairman and one proposal as member or two proposals as member);
- f. every lecturer Which become chairman on program devotion to public year walk No can submit proposal new on program devotion to public as chairman (However can submit One proposal as member executor);
- g. Each lecturer may only receive funding a maximum of three times as chairman on scheme empowerment based public And maximum

- as much two time on room scope Which The same as chairman;
- h. if the service is terminated prematurely due to negligence executor devotion or proven obtain funding double or propose return devotion Which has funded previously, so chairman executor devotion the No permitted propose devotion Which source the funding from DRTPM during two year consecutive And required return fund Which has accepted to cash country;
 - i. Institution Study And Devotion to Public (LPPM)/Institution Community Service or other similar institutions are required For do monitoring/ *monitoring* and evaluation internal on all activity devotion to public in research respectively PT withrefers to the system guarantee quality applicable;
 - j. executor devotion required make notes daily in carry out community service. The diary contains notes regarding the implementation of community service according to the stages process devotion to public. Notes daily filled in in page BIMA as part of the completeness of the documents for implementing community service public. diary saved by executor devotion to public Which can made proof in submission KI;
 - k. service implementers who do not upload mandatory output at the appropriate time determined will worn penalty form No can submit proposal new during One year period proposal;
 - l. accountability fund devotion refers on provision Standard Entry Fee (SBM) for the applicable fiscal year as determined by Minister Finance;
 - m. executor devotion must mention source funding (that is: Directorate of Research, Technology and Community Service, Directorate General of Higher Education, Research and Technology, Ministry of Education, Culture, Research and Technology of the Republic of Indonesia) and year of funding in every form of output from the implementation of service, whether in the form of publications scientific/mass media, presented papers, videos or posters, in *acknowledgment* or source fund;
 - n. program devotion to public support program Independent Learning – Independent Campus in community service learning activities public for student with notes in its implementation adapt book Guide Independent Study – Campus Independent Which published by the Directorate General of Higher Education, Research and Technology (DG Diktiristek) Ministry Education, Culture, Research, And Technology.

3.2 PROVISION USE BUDGET

Financing for community service refers to Ministerial Regulations Finance (PMK) regarding SBM for the applicable fiscal year. Executor of service to public required make plan budget cost (WED)devotion to public with refers provision as following:

a. Component Cost Honorarium

The proposed honorarium component is a maximum of 15% of the total proposed funds. Component honorarium fees allocated to power Work field, experts/professionals, and/or sources who are not from the team proposer, student Which involved MBKM And partner. Honorarium must detailed by including name, number and position so that there is no duplication of honorarium payments. Details of honorarium payments follow Standard Cost Insert Which applies.

b. Component Cost Technology And Innovation

The proposed Technology and Innovation Cost component is a minimum of 40% of the total proposed funds. This cost component only includes tools and materials Which related with technology And innovation Which submitted to partner withincluded News Program Hand it over Accept Asset (BAST).

c. Component Cost Training

Component Cost Training Which submitted maximum 25%. Component cost This includes holding *workshops* , workshops, *Focus Group Discussions* (FGD), training, seminars related to the stages of implementing activities and can improve the quality of learning, quality of superior products and productivity of the production process excluding travel, consumption and investment costs equipment/technology And material For partner.

d. Component Cost Journey

Component Cost Journey Which submitted maximum 15% from total fund Which proposed. This fee covers domestic travel for implementation program And Money daily journey or Money pocket journey.

e. Cost component Other

Component Cost Other maximum 5% from total fund Which proposed. Component cost This covers cost management program like *monitoring* and evaluation, meeting external costs, registration/certification management patents/rights create, registration journal/seminar national/international. Registration/management certification product or technology or Riches Intellectual matters such as processing patents or copyrights or Intellectual Property others and Indonesian National Standard (SNI) certification or standard compliance other, including registration/management permission official related implementation program from institution Which authorized And fulfillment outer other. Budgeting for registration of scientific articles needs to include journals destination and the price of *processing/publication fees* using funds college tall.

Registration/management of product or technology certification such as management patents or copyrights (other Intellectual Property) and National Standards Indonesia (SNI), including registration/management permission related with industrial establishment, production, distribution, and commercialization or implementation product or technology refers on price application patent or patent

simple for micro businesses, small businesses, educational institutions, and R&D government with price maximum For application in a way non-electronic. Component cost other like journey management program And reporting sourced from fund internal college tall.

3.3 MANAGEMENT PROGRAM DEVOTION TO PUBLIC

In general, the stages of implementing community service include: announcement, proposal, selection, determination, implementation, monitoring and evaluation, reporting and outcome assessment . Timetable all stages activity the be delivered by DRTPM through page <https://bima.kemdikbud.go.id/> . Distribution authority every stages implementation devotion to public based on group performance devotion to public college tall And status its institutions arranged as in attached [Table 6. Proposal for Community Service Based on Higher Education Clusters](#) . Tentative schedule of all management stages Community service is presented in Appendix [Table 3. Tentative Schedule Implementation of Research and Community Service Programs](#) . Summary community service funding scheme based on the implementing team, time, And funding served on attachment [Table 7. Summary Scheme Funding, Team Devotion to Public, And Time Implementation Community service](#) and Funding scheme, Implementation Team, Time, and Community Service Funding is presented in attachment [Table 8. SchemeFunding, Team Executor, Time, And Funding Devotion to Society](#) .

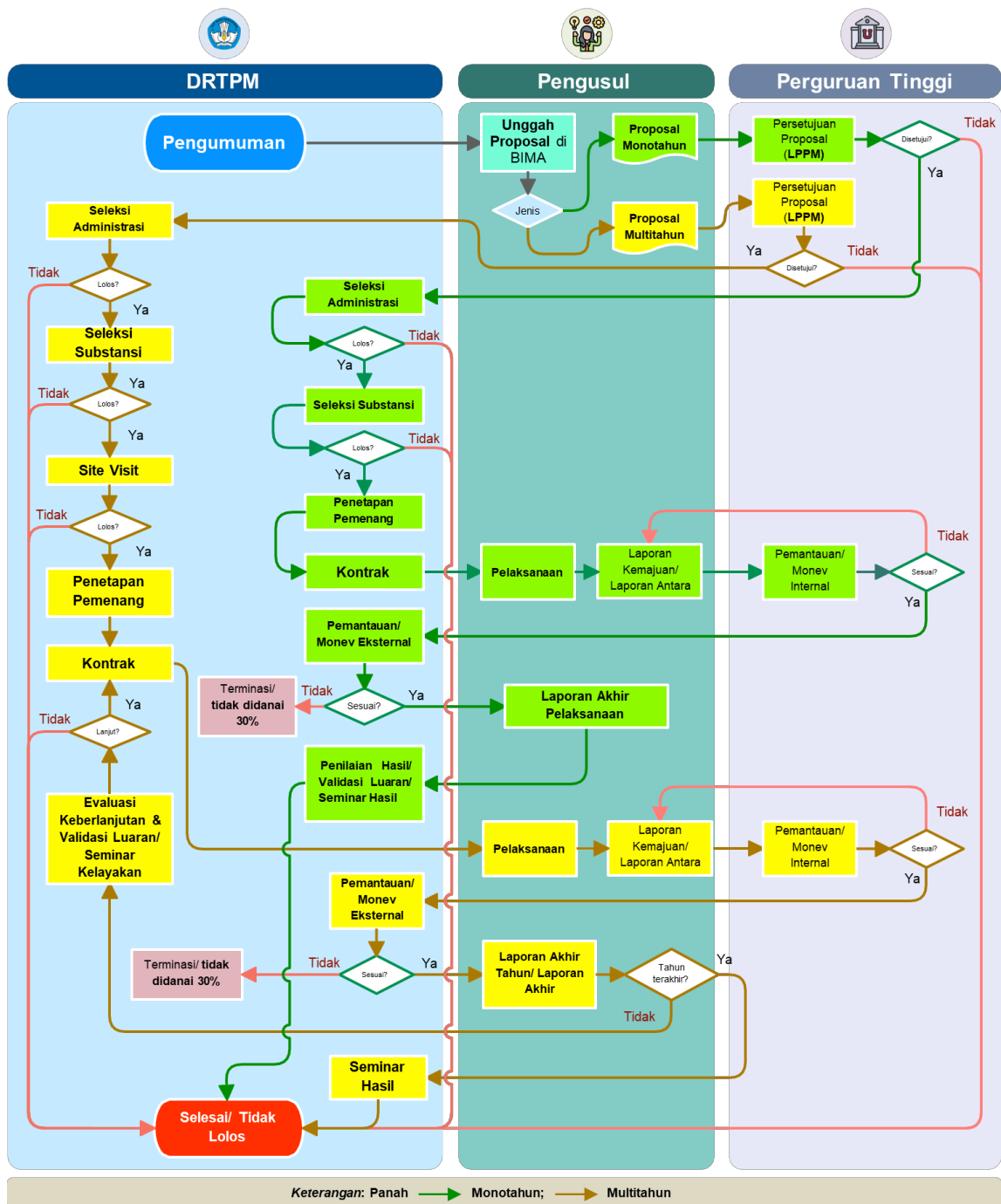
Furthermore every stages implementation devotion to public as showed on attachment [Table 9. Summary proposal, Selection and Implementation of Community Service Based on Funding Schemes](#) can be explained further by looking at the performance aspect of service to university community, institutional status of higher education institutions, and schemes devotion to public as following:

a. Stage Announcement

The community service management cycle begins with DRTPM announce the acceptance of the proposal for community service via BIMA page. The announcement of acceptance of the proposal is accompanied by a Guidebook Research and Community Service and Management Guidebook Research and Community Service through BIMA. College And Institution Service Education Tall (LLDIKTI) inform acceptance of proposals to lecturers/service implementers within their scope of work research respectively.

b. Stage Proposal

Stage proposal proposal devotion to public can seen like chart flow on Picture 3.3.1.



Picture 3.3.1 Stage Proposal Proposals Devotion to Public

c. Stage Selection

Entire authority selection proposal done by DRTPM. Selection proposal done through BIMA. Scheme empowerment based public (PBM) implemented in two selection stages, for empowerment-based schemes entrepreneurship (PBK) And scheme empowerment based region (PBW) carried out in three stages of selection. In general, the proposal selection stages devotion to public consists on:

- 1) Selection Administration
Administrative selection is carried out to verify the suitability of writing proposal according to the guidelines which will later become the basis for determining the stage selection substance.
 - 2) Selection Substance
Selection of proposal substance refers to the specified selection criteria with evaluate substance proposal devotion to public And appropriateness WED.
 - 3) Selection *Site Visit*
Selection *Site Visit* specialized on scheme empowerment based entrepreneurship (PBK) And scheme empowerment based region (PBW) by doing survey visit to location for community empowerment on proposals that pass the substance to see feasibility and suitability condition roomy.
- d. Stage Determination
- 1) Determination proposal Which worthy For funded determined by DRTPM withconsider results from stage selection.
 - 2) Size cost Which set is policy DRTPM withconsider recommendation *reviewer* And availability budget.
 - 3) Determination proposal devotion Which funded informed through BIMA.
- e. Stage Implementation
Stage implementation program devotion to public arranged withprovision as following:
- 1) signing Contract Program Devotion to Public;
 - 2) melting fund program devotion to public in accordance withstatus institutional college tall;
 - 3) making contract derivative/assignment to College Tall Private(PTS) and/or chairman executor;
 - 4) revision proposal And WED refers to contract; And
 - 5) implementation activity in accordance with contract.
- f. Stage Reporting
Executor devotion to public obliged give report progress And report end year follow provision as following:
- 1) chairman team executor devotion must fill in notes daily, convey report progress, outer activity And use budget 70% in accordance deadline time Which determined through BIMA;
 - 2) report progress Which uploaded in accordance [Attachment 8. Format ReportProgress Devotion To Society](#) ;
 - 3) report use budget 70% in accordance [Attachment 10. ReportUse Budget](#) ;
 - 4) chairman team executor devotion must fill in notes daily, submit final reports, activity outputs, handover minutes Asset (BAST), indicator achievements outer And use budget 100%

- in accordance deadline time Which determined through BIMA;
- 5) final report on community service is appropriate [Appendix 9. Format Report End Year Devotion To Society](#) ;
 - 6) report use budget 100% in accordance [Attachment 10. Report Use Budget](#) ;
 - 7) News Program Hand it over Accept Asset (For Which own asset) follow format Which determined (format report in accordance with Guide Devotion Which applicable) accordingly [Attachment 11. Format News Hand it over Accept Assets](#) ;
 - 8) chairman team executor devotion must upload document form results community service in the form of presentations (*PowerPoint slides*) in accordance [Appendix 12.a Presentation File Format for Service Implementation to Society](#) and appropriate empowerment posters [Appendix 12.b Format Poster Implementation Devotion to Society](#) ;
 - 9) chairman team executor devotion must upload results devotion to public in form videos (link videos) in accordance [Attachment 13. Format Videos Results Activity Devotion to Society](#) ;
 - 10) The head of the service implementation team is required to fill in and upload the Indicators Achievements Outer in accordance [Attachment 14. Indicator Achievements Outer](#) .
- g. Stage Monitoring/ *Monitoring* And Evaluation
Target *monitoring* And evaluation covers executor devotion And service organizers (institutions), research each follows the provisions as following:
- 1) college Tall must carry out *monitoring* And evaluation internal with pointing *reviewer* internal or *reviewer* from DRTPM And report the result to DRTPM;
 - 2) DRTPM *monitors* and evaluates community service programs public with assign committee assessment/ *reviewer* .
- h. Stage Evaluation Results/Seminar Results
The assessment of the implementation of the community service program was carried out on end of year of implementation of activities. The final report is done by filling in achievements outer in accordance Which planned, use budget, and file seminar results on the BIMA page. At this stage, the results are assessed and assessment of follow-up proposals for multi-year programs. Results assessment stage Program Devotion to Public follow provision as following:
- 1) executor must convey report implementation program devotion to public And outer Which has promised; promised;
 - 2) implementers are required to attend a feasibility seminar (for the first year and both multiyear programs) and results seminars (for monoyear programs and the third year of the multi-year program) implementation of the service program to public;
 - 3) evaluation done by DRTPM For evaluate appropriateness on implementation program devotion to public based on report results devotion And achievements outer results devotion other;
 - 4) evaluation Which done DRTPM consists on:

- a) percentage level success devotion to public in accordance with proposal Which promised; promised;
 - b) suggestion And input related suitability budget with provision Which valid;
 - c) suggestions and input regarding the sustainability of service to public.
- 5) Results evaluation poured in news event .

3.4 SCHEME PROGRAM DEVOTION TO PUBLIC

3.4.1 SCHEME EMPOWERMENT BASED PUBLIC (PBM)

Directorate Research, Technology, And Devotion to Public (DRTPM) apply paradigm new from devotion to public become community empowerment that is problem solving, comprehensive, meaningful, complete and *sustainable* . In the Empowerment Program Based Public (PBM) This covers Empowerment Partnership Public (PKM), Beginner Community Empowerment (PMP), and Community Empowerment by Student (PMM) Which nature monoyear.

Room scope, objective, outer, criteria, target, condition, And characteristics Based Empowerment Program Public arranged as follows:

a. Room Schema Scope

- 1) **Empowerment Public Beginner (PMP)** : specialized to lecturer who come from universities with primary and assisted clusters. It is possible to collaborate across clusters (primary and assisted clusters) during still within the territory of the Higher Education Service Institution (LLDIKTI). The same. Own objective For empowering partner from group the general public, groups of people engaged in the field economy and community groups who learn entrepreneurship with duration minimum 6 month.
- 2) **Empowerment Partnership Public (PKM)** : specialized to lecturers who come from universities with clusters other than clusters built. Cross-cluster collaboration is possible (independent, main, intermediate, and pratama) as long as it is still within the Service Institution area Education Tall (LLDIKTI) Which The same. Own objective For empowering partner from group public general, group public Which move in field economy And group public Which Study entrepreneurship with duration minimum 8 month.
- 3) **Empowerment Public by Student (PMM)** : specialized to college tall with cluster besides cluster built Which has a KKN (Real Work Lecture) program. Cross collaboration is required clusters (Mandiri, Main, Madya and Pratama Clusters) within the region the same Higher Education Service Institution (LLDIKTI) and students originate from college tall executor. Program This own objective For increase concern student to public with duration

minimum 6 month.

b. Objective Scheme

Objective from Scheme Empowerment Based Public This, that is:

- 1) form/develop group public Which independent in a way economy And social;
- 2) helps create peace and comfort in life community;
- 3) increase Skills think, read And write or Skills other Which needed (*soft skills* And *hard skills*);
- 4) special empowerment public by student: change implementing the program from a development paradigm to a paradigm empowerment with the concepts of *co-creation* , *co-financing* and *co-benefit* ; downstream results research lecturer Which can applied to public through program empowerment public by student; And developing KKN themes in partnership with the government and world business/world industry.

c. Outer Scheme

Outer must Scheme Empowerment Based Public as following:

- 1) increasing the level of partner empowerment quantitatively and qualitatively accordingly problems faced, refer to [Appendix 20. Stage Criteria Outer Devotion to Society And Validity Evaluation Outer](#) ;
- 2) One article scientific Which published through Journal ISSN or proceedings has an ISBN from seminar national;
- 3) One article publication on media mass print/electronic;
- 4) videos activity.

Outer addition Scheme Empowerment Based Public can be other outputs outside of mandatory outputs such as methods/systems, IPR, books with ISBN, Technological Innovation and International Publications. Scheme Outcome Achievement Indicators Empowerment Based Public in accordance Attachment [Attachment 14.1 Scheme Empowerment Based Society](#) .

d. Criteria Scheme

Criteria Empowerment Based Public is as following:

- 1) room scope PMP specialized For cluster Primary And Built And possible collaboration cross cluster (cluster pratama And built);
- 2) room scope PKM And PMM specialized For cluster besides Building;
- 3) room scope PKM possible collaboration cross cluster (cluster independent, main, intermediate, And pratama);
- 4) PMM scope requires collaboration across clusters (independent clusters, primary, intermediate, and pratama) in the area of the Education Service Institution Tall (LLDIKTI) Which The same;
- 5) SCIENCE AND TECHNOLOGY Which applied from results study team proposer prioritized For funded;
- 6) proposal fund to DRTPM maximum Rp. 25,000,000 For PMP; IDR 50,000,000 For PKM; And maximum Rp. 75,000,000 For PMM;
- 7) Scheme Empowerment Based Public nature monoyear with

The activity period is 6 months for the PMP scope, 8 months for PKM scope and a maximum of 6 months/144 Effective Student Working Hours (JKEM) For room scope PMM;

- 8) involving a minimum of 2 students (PMK and PMP), 20 people (PMM) whose activities are recognized as part of MBKM for a minimum of 5 credits in its implementation;
- 9) The problems handled by partners are at least two problem areas (except in the PMP scope of one problem area) that requires expertise of different level two knowledge groups is appropriate [Appendix 1. Fields Science](#);
- 10) support transformation higher education through 8 Performance Indicators Main (IKU) minimum 2 indicator;
- 11) distance from college tall chairman proposer to partners:
 - a. room scope PMP maximum 100 km;
 - b. maximum PKM scope of 200 km or more if in one province;
 - c. maximum PMM scope of 200 km or more when in one province. If more from 200 km And cross province so funding transportation And accommodation covered college tall executor.
- 12) The budget used to invest in partners is minimal 40% of the total proposed budget is in the form of goods and expenditures capital (No including land And building construction);
- 13) involve minimum One group public Which accompanied; And
- 14) problem Which handled on partner minimum two field problem each group is for the scope of PKM and PMM and at least one field problem For PMP.

e. Target Scheme

- 1) Target Empowerment Public Beginner (PMP)
 - a) economically productive communities such as home industries ladder (IRT), craftsman, fisherman, farmer, breeder, And partner productive other;
 - b) people who are not yet economically productive but are willing Which strong become entrepreneur And required shaped group with amount member minimum 3 person;
 - c) public Which No productive in a way economy (public general/ordinary) can form public school (PAUD, elementary school, JUNIOR HIGH SCHOOL, SMA/SMK), youth organizations, housewives groups, groups children street, RT/RW, hamlet, village, Community Health Center/Posyandu, Boarding school And Which kind other.
- 2) Target Empowerment Partnership Public (PKM)
 - a) public Which productive in a way economy like: group craftsmen, fishermen groups, farmer groups, livestock groups, etc every its members own character productive in a way economical. Partner home industry (IRT) targets with business ownership Individuals/individuals are required to have a minimum of 4 employees person in outside member family;

- b) partner target Which leads on field economy productive Required to be a group with a minimum number of 5 members person, like group dasawisma, pokdarwis, group PKK, group recitation, group moms House ladder And etc;
 - c) partner target public Which No productive in a way economy for example school community (PAUD, elementary school, JUNIOR HIGH SCHOOL, high school/vocational school), coral cadets, housewives groups, street children groups, RT/RW, hamlet, village, Community Health Center/Posyandu, Boarding school And other etc.
- 3) Target Empowerment Public by Student (PMM)
- a) students as implementers in the field who play an active role in know problem Which There is And give solution on partner problems within a period of 1 to 2.5 months in field with draft "Work together public" as replacement draft "Work For public";
 - b) students come from universities that collaborate with proportion student more Lots from college tall chairman proposer;
 - c) Lecturer Mentor Field (DPL) Which role guide And direct student in carry out program in field;
 - d) communities located in rural, urban, community areas coast, island isolated, public in inland forest Andetc.

f. Condition Proposer

Condition proposer Scheme Empowerment Based Public as following:

- 1) The implementing team has multidisciplinary competence according to the field Which proposed;
- 2) minimum two competence expertise grove knowledge levels two Which different,And possible For collaborate with college tall other;
- 3) Applicants may only implement three community schemes time as chairman And maximum as many as two time on room scopeWhich The same;
- 4) team executor consists from three person (One chairman And two member);
- 5) for PMP, the head of the proposer has a minimum functional position of Assistant Expert, and have a SINTA *Overall Score* of at least 20 in the field of science and technology, soshum And art;
- 6) for PKM, the head of the proposer with a minimum functional position of Assistant Expert, And own SYNTA *Score Overall* minimum 50 For field scitechAnd 25 For field soshum And art; And
- 7) for PMM, the head of the proposer with a minimum functional position of Assistant Expert, And own SYNTA *Score Overall* minimum 50 For field scitechAnd 25 For field soshum And art.

g. Format Proposal

By general document proposal devotion to public must arranged in Language Indonesia in accordance with KBBI, written in a way concise,

follow a clear logical framework, and use citation rules *Vancouver* as per [Appendix 15.1. Community Based Empowerment Scheme](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).

3.4.2 SCHEME EMPOWERMENT BASED ENTREPRENEURSHIP (PBK)

Empowerment public based entrepreneurship is program multi-year (3 years) aimed at encouraging entrepreneurial abilities based on science and technology produced by lecturers and students. Scope scheme empowerment based entrepreneurship that is Entrepreneurship Based Student (KBM), Empowerment Partner Business Product Superior Area (PM-UPUD), and Campus Business Development (PUK). Scope of KBM and PUK carried out in on campus whereas PM-UPUD held on partner in outside campus.

Room scope, objective, outer, criteria, target, condition, And format Scheme Entrepreneurship arranged as following:

a. Room Schema Scope

- 1) **Student-Based Entrepreneurship (KBM)** : specifically for lecturers who came from college high with clusters apart from the built cluster. KBM aims to create a method for student entrepreneurship training Which is continuity for student Which combined in Program Creativity Student, scheme based entrepreneurship other, or student Which currently pioneering business. Must collaborate with the Business and Industrial World (DuDi) as a place for internships student or facilitator And must collaboration expertise cross cluster (independent, main, middle and pratama clusters) as long as they are still within the region Institution Service Education Tall (LLDIKTI) Which The same.
- 2) **Empowerment of Regional Featured Product Business Partners (PM-UPUD)** : specifically for lecturers from universities with cluster besides cluster built. PM-UPUD aim increase knowledge and skills of cooperatives, community business groups, and SMEs/MSMEs whose role is to spur the growth of superior products/services regions for the domestic market and global market; and improve quality And quantity product/service so that Empower competitive tall with still based on the uniqueness/characteristics of the region. Must collaborate with DUDI as a business development partner and mandatory collaboration of expertise cross cluster (cluster independent, main, intermediate, And pratama) during Still within the Institution's territory Higher Education Services (LLDIKTI) Which The same.
- 3) **Campus Business Development (PUK)** : specifically for lecturers come from universities with clusters other than the target cluster. PUK aim support autonomy campus through income generation independent or partnered; and provide opportunities and experiences Work to student. It's possible collaborate with DUDI as partner in development business campus And required collaboration of expertise across clusters (independent, main, middle, and clusters). pratama) during still in region Institution Education Services Tall

(LLDIKTI) Which The same.

b. Objective Scheme

Objective Scheme Empowerment Based Entrepreneurship as following:

- 1) increasing networking between higher education entrepreneurship and public industry And institution other;
- 2) increase Power pull product/service superior to public area/market, strengthen UMKM/UKM so that develop, And give income for public surroundings;
- 3) speed up diffusion technology And management from public college tall to public industry;
- 4) developing a *link and match process* between universities, industry, Local Government And public wide;
- 5) for KBM aims to create an entrepreneurial training method that in accordance for student Which currently pioneering business And create businessman new independent based S&T;
- 6) for PM-UPUD aims to increase knowledge and skills cooperatives, community business groups, and SMEs/MSMEs who play a role spur the growth of regional superior products/services for internal markets country And market global; increase quality And quantity product/service to be highly competitive while remaining based on uniqueness/characteristics the area through application results research college tall; And
- 7) For PUK aim support autonomy campus college tall through acquisition income independent or partner; increase *revenue generating* units college tall; give chance as well as experience Work to student KBM; speed up process development of entrepreneurial culture in higher education; help create access for creation businessman new; push development of a culture of utilizing university research results for public; And build Work The same with private, industry And sectormarketing.

c. Outer Scheme

Outer Must Scheme Based Empowerment Entrepreneurship is:

- 1) enhancement levels empowerment:
 - a. empowerment student (program KBM)
 - b. enhancement *revenue generating* PT (special PUK)
 - c. empowerment partner (PM-UPUD)
- 2) produce at least one product that has IP (copyright, patent and patent). simple) in year to 3;
- 3) One publication in proceedings seminar international in in country has an ISBN(on year to 1);
- 4) produced one scientific article published in a national journal SINTA ranks 1-6 or one article in *Scopus indexed proceedings* from seminar international Which held in a way online or carried out domestically, or one article in an international journal indexed *Copernicus /equivalent* (on year to 2 And 3);
- 5) videos activity (every year);

- 6) article in media mass print/electronic (every year);
- 7) at least five new independent science and technology-based entrepreneurs per year who are ready activity in public (special KBM);
- 8) outcomes of the Entrepreneurship-Based Empowerment Scheme can be: in the form of other outputs outside of mandatory outputs such as methods/systems, IPR, books ISBN, application of technology and innovation, and international publications; And
- 9) indicator external achievements Based Empowerment Scheme Entrepreneurship in accordance [Attachment 14.2 Scheme Empowerment Based Entrepreneurship](#) .

d. Criteria Scheme

Criteria Scheme Empowerment Based Entrepreneurship includes:

- 1) The scope of KBM **must** collaborate with DUDI as a venue apprenticeship student or facilitator;
- 2) room scope PM-UPUD **must** do collaboration with DUDI as partner development business;
- 3) the scope of PUK is possible in collaboration with DUDI as partner in development business campus;
- 4) The scope of KBM, PM-UPUD, and PUK requires cross-expertise collaboration cluster (cluster independent, main, intermediate, And pratama) in region Institution Service Education Tall (LLDIKTI) Which The same;
- 5) proposed funds to DRTPM maximum IDR 150,000,000 per year (for KBM and PM-UPUD) and maximum IDR 200,000,000 per year (for PUK);
- 6) requires *sharing* of funds per year of at least IDR 20,000,000 from the college tall (For KBM), minimum Rp. 30,000,000 from college tall (For PUK) and a minimum of IDR 10,000,000 from Partner DUDI (For PM-UPUD);
- 7) budget used to invest in PM-UPUD partners, entrepreneurial students, and PUK units at least 40% of the total budget submitted in the form of goods and capital expenditure (excluding land And building construction);
- 8) For the scope of PUK, priority is given to businesses that are already running and existing have a clear organizational structure within the college structure tall as well as exists commitment college tall in funding;
- 9) For room scope PM-UPUD partner required has own asset worth Rp. 150,000,000 with turnover worth Rp. 150,000,000 per year;
- 10) The maximum distance of the partner village location from the proposing university is 200 km or may be more than 200 km as long as it is within one province, except KBM And PUK is at in in college tall;
- 11) involving a minimum of 4 students (PUK and PM-UPUD), 20 people (KBM), whose activities are recognized as part of MBKM at least 5 SKS in its implementation; And
- 12) student Which involved in activity KBM can individual or groups with a total number of 20 students, per group Which formed maximum 3 person with maximum amount group 5;
- 13) each university can propose more than one KBM proposal and PUK with provision maximum One proposal per faculty For universities/institutes, And One proposal per major For school tall.

e. Target Scheme

- 1) Target Empowerment Entrepreneurship Based Student (KBM)
 - a) a minimum of 20 students each year, with interest increase ability businessman And establish units business specifically according to the interests and fields of knowledge of the students and their teams. Every year minimum produce 5 person student Which capable become businessman independent (*tenant outwall*);
 - b) student incubated by team proposer (lecturer) with knowledge and ability to create business plans up to its application; And
 - c) student Which own experience implementation Program Creativity Entrepreneurship Students (PKMK) or related PKM with entrepreneurship will more takes priority.
- 2) Target Development Business Campus (PUK)
 - a) Lecturers carry out downstream research results developed in forms of business activities on campus. Activities performed must have specifications that are not the same as similar activities Which done public in outside campus;
 - b) must involve a minimum of 4 students in developing units business in in campus For increase competence student in the field businessman campus. Experience student in carrying out PKMK activities or student business activities will more take precedence; And
 - c) profit Which obtained from business the expected follow role in mechanism operational activity in campus (University/Faculty/Prodi).
- 3) Target Empowerment Product Business Partners Superior Area (PM-UPUD)
 - a) The target of this activity is business unit partners in a particular area Which own products/commodities/services/culture-art Which need developed;
 - b) superiority product the stated in document official government local for example (RPJMD or RPJMP);
 - c) partner Which involved minimum 2 with units business Which Already own asset worth Rp. 150,000,000 with turnover worth Rp. 150,000,000 per year And every group there is two scope activity Which different Which need expertise Which different;
 - d) minimum 4 person student Which involved will recognized in MBKM minimum 5 SKS in its implementation.

f. Condition Proposer

Condition proposer Scheme Empowerment Based Entrepreneurship includes:

- 1) The proposing team consists of a minimum of 3 people and a maximum of 4 people (1 chairman with 2 or 3 person member);
- 2) the proposing team has the appropriate capabilities (scientific track record). with at least two proposed activities/problems to be addressed competence expertise grove knowledge Which different;
- 3) support transformation education tall through 8 Indicator Performance

Main (IKU) minimum 2 indicator;

- 4) The proposing team must involve a minimum of 4 students per year (except KBM minimum 20 person student); And For support The MBKM program is required to provide recognition for a minimum of 5 credits per year activity to student; And
- 5) specifically for the scope of PUK, the proposing team receives the Chair's recommendation LPM/LPPM/P3M/DPPM in where every college tall can propose more from One proposal PUK with provision maximum One proposal per faculty for universities/institutes, and one proposal per departmentFor school tall;
- 6) chairman of the proposer with a minimum functional position of Lector, and has SINTA Minimum *Overall Score* of 50 for science and technology and 25 for field soshum And art.

g. Format Proposal

By general document proposal devotion to public must prepared in Indonesian in accordance with the KBBI, written concisely, follow a clear logical framework, and use citation rules *Vancouver* in accordance [Attachment 15.2. Scheme Empowerment Based Entrepreneurship](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).

3.4.3 SCHEME EMPOWERMENT BASED REGION (PBW)

Empowerment public based territoriality is activity multiyear (3 year) Which addressed For help various problem territoriality Which faced by regional/city government, village/nagari (name different from the arrangement manage the same), sub-districts, traditional villages, in accordance with the Development Plan Regional Medium Term (RPJMD) or Non-RPJMD, both *Bottom Up* or *Top Down* To use can increase quality life for public general, education, health, existing business and industrial communities in an area that is the location of a tertiary institution. Forms activity based territoriality This is nature competitive national that is PW (Empowerment Region) And GDP (Empowerment Village built).

a. Room Schema Scope

- 1) **Regional Empowerment (PW)** : specifically for lecturers who come from from universities with clusters other than the target cluster. PW aims creating independence, comfort and welfare of the community through the synergy of university community expertise, abilities and district/city government policies as stated in the RPJMD and potential public; find solution on problem Which faced government and society, directly or indirectly influence community living comfort; apply research results appropriate with urgency problem region Which poured in RPJMD/RPJMDes; help program government in problem regional areas such as education, health, environment, economy, tourist, And problem territoriality other as well as help successing implementation program RPJMD/RPJMDes; strengthen

synergy between universities and related stakeholders in regional development. Mandatory cross-cluster collaboration (independent clusters, primary, intermediate, and pratama) are prioritized in the Service Institution area Higher Education (LLDIKTI) which is the same and is required to collaborate with government area.

- 2) **Empowerment of Assisted Villages (PDB)** : specifically for lecturers who come from universities with clusters other than the target cluster. GDP aims to apply the results of superior university research in accordance with urgency need public on village built; give solution problem partner with approach holistic based research multidisciplinary; help program government in community development and assisted village problems, as well as helping successing implementation program RPJMDes; increase independence And well-being public general, public Which engaged in the economic sector (IRT, UKM/UMKM, and business groups others), education, health, environment, etc. according to village needs built; strengthen synergy college tall with holder interests related to the development of assisted villages; and shape *science techno* college *park* tall based village built. Must cross-cluster collaboration (independent, main, middle and pratama clusters) prioritized in the Higher Education Service Institution (LLDIKTI) area Which The same And required collaborate with government village.

b. Objective Scheme

Objective Scheme Empowerment Based Region as following:

- 1) apply the results of superior university research in accordance with urgency need public on region built;
- 2) give solution problem partner with approach holistic based research multidisciplinary;
- 3) assisting government programs in community development and problem territoriality, as well as help successing implementation program RPJMDes;
- 4) increase independence And well-being public general, people engaged in the economic sector (IRT, UKM/UMKM, and other business groups), education, health, environment and programs other in accordance need region;
- 5) strengthen synergy college tall with holder interest related in development regionalism; And
- 6) form *science techno parks* college tall based region.

c. Outer Scheme

Outer Must Empowerment Based Region is:

- 1) increase level of empowerment of the referring partner [Appendix 20. Criteria for Stages of Community Service Outcomes and Validity Evaluation Outer](#) ;
- 2) produce at least one product that has IP (copyright, patent and patent). simple) (on year to 3);
- 3) One publication in proceedings seminar international in in country has an ISBN

- (on year to 1);
- 4) produced one scientific article published in a national journal accredited SYNTA 1-6 or One article in proceedings indexed *Scopus* from seminar international Which held in a way online or carried out domestically, or one article in an international journal indexed *Copernicus* /equivalent (on year to 2 And to 3);
- 5) videos activity (every year);
- 6) article in media mass print/electronic (every year);
- 7) Additional outputs of the Community Based Empowerment Scheme can be: other outputs outside of mandatory outputs such as methods/systems, IPR, books with ISBN, application technology And innovation, And publication international; And
- 8) Outcome indicators for the Based Empowerment Scheme Appropriate area [Attachment 14.3 Scheme Empowerment Based Region](#) .

d. Criteria Scheme

Criteria Empowerment Based Region (PBW) as following:

- 1) activity nature multiyear (3 year);
- 2) proposed funds to DRTPM maximum IDR 200,000,000 per year for PW and maximum Rp. 150,000,000 per year For GDP;
- 3) requires *sharing of* partner funds per year of at least IDR 10,000,000 tertiary institutions (for GDP) and a minimum of IDR 100,000,000 can be obtained originate from local government/CSR/NGOs And source other (For PW);
- 4) minimum 40% of the total budget submitted/approved in form goods and capital expenditure (excluding land and construction/buildings) aimed at providing technology and innovation to help partners; And
- 5) The maximum distance of the activity location from the proposing university is 200 km or may be more than 200 km as long as it is within one province, except PW can cross province through partnership with college tall local with budget local government/municipal government/CSR Which rational.
- 6) support transformation higher education through 8 Performance Indicators Main (IKU) minimum 2 indicator; And
- 7) Science and Technology applied from the research results of the proposing team is prioritized For funded.

e. Target Scheme

- 1) Target Empowerment Region (PW) is:
 - a) village/subdistrict with minimum two field territoriality Which different on every year activity;
 - b) field territoriality Which intended is field health, education, environment, production, agriculture in meaning wide, economy, And problem territoriality other; And
 - c) activity territoriality Which held in accordance with need local government/municipal government Which Already poured in RPJM/RPJMDes;
 - d) involve minimum two group public Which accompanied on each year activities with numbers Minimum members are 20 people each group with two different problem areas on every his group.

- 2) Target Empowerment Village Built (GDP) is:
 - a) villages (according to Law 6 of 2014 concerning villages) and villages custom, with minimum two field problem based on potency resources owned by the village and require expertise college tall For developed become superior village;
 - b) is region built college tall Which become *science university techno park* , *an area that is a research location and devotion public lecturer* And student college tall proposer; And
 - c) involve minimum two group public Which accompanied on each year of activities, and the group is in accordance with the direction superior village development and two problem areas different And own amount member minimum 20 person every group.

f. Precondition Proposer

Condition proposer Empowerment Based Region (PBW) includes:

- 1) team proposer amount 4 person (1 chairman with 3 person member); special PW involves at least one team member from another university in region partner;
- 2) the proposing team has the appropriate capabilities (scientific track record). with proposed activities/problems addressed, minimum two competence expertise grove knowledge Which different;
- 3) The proposing team must involve a minimum of four students/year and give recognition minimum 5 SKS per year activity to student;
- 4) team proposer get recommendation Chairman LPM/LPPM/P3M/DPPM where each university may propose more than 1 program Empowerment Based Region (PBW); And
- 5) chairman of the proposer with a minimum functional position of Lector, and has SINTA Minimum *Overall Score* of 50 for science and technology and 25 for field soshum And art.

g. Format Proposal

By general document proposal devotion to public must prepared in Indonesian in accordance with the KBBI, written concisely, follow a clear logical framework, and use citation rules *Vancouver* as per [Appendix 15.3. Regionally Based Empowerment Scheme](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).



VOKASI
KUAT, MENGUATKAN
INDONESIA



Bagian **2**

PANDUAN PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

**DIREKTORAT AKADEMIK
PERGURUAN TINGGI VOKASI**

(BAB IV s.d. BAB VI)

CHAPTER IV PROGRAM STUDY

Per teacher Tall (PT) in Indonesia Which amount more from 4,500 own quality source Power researcher, infrastructure, And funding study Which No equally. Refer on data Which served in Plan Development Period Intermediate National (RPJMN) 2020-2024 targeted amount citation in journal international as big as 59,770 on year 2024. Besides That, government Also target There is 1 (One) PT enter to in Top 200 world version *World University Rank* (WUR), 2 (two) PT enter in Top 300 WUR, And 3 (three) PT enter in Top 500 WUR. Answer challenge the Directorate Academic Education Tall Vocational (DAPTV) designing scheme Which diverse start from study base, applied until with development To use accommodate all over researcher with various competence And quality.

Study base expected capable increase capacity researcher, build record a trail that leads to a superior research culture. Outputs from basic research become leverage towards applied research and development schemes, as well strengthen networks between universities. Furthermore, applied research is expected become vehicle incubation technology or work monumental For can removed/applied. This applied research also facilitates increased expertise researchers in their field of expertise so that they can become international references. Study development expected capable bring technology Which Already incubated previously going to process production scale commercial partner with World Business And World Industry (DUDI).



4.1 PROVISION GENERAL PROGRAM STUDY

Implementation of research programs must refer to quality assurance standards research and community service in higher education in accordance with established signs. In this regard, DAPTV determine general provisions for implementing research and service programs to public Which outlined as following:

- a. The chief researcher is a permanent lecturer at a university under the Ministry Education, Culture, Research, And Technology Which have Number Parent National Lecturer (NIDN) or Special Lecturer Identification Number (NIDK) and not as Apparatus Civil Country (ASN) in Ministries/Institutions other;
- b. Research members are lecturers who have NIDN or NIDK, students who have a Student Identification Number (NIM) and/or the general public who own Number Identity (NIK/ *Passport*);
- c. proposal done through BIMA (<https://bima.kemdikbud.go.id/>) And must get agreement from Leader Institution Study And Devotion to the Community (LPPM)/Research Institute or other name of institution kind in place lecturer the on duty as lecturer still;
- d. Each lecturer can propose one research proposal as chairman and one as a member as long as he is not chairman or member of the research walk;
- e. Each lecturer receives a maximum of one funding as chair And One as member, or two as member;
- f. specifically for postgraduate research, the applicant can submit the most a total of five proposals, both as chairman and member (not included provision points d And e), with provision only can get maximum funding of two as chairman, or one as chairman, andOne as member, or two as member;
- g. if study Which stopped before the time consequence negligence researcher or proven obtain funding double or propose return previously funded research, the lead researcher is not permitted propose study Which source the funding from DAPTV during two year consecutive And required return fund Which has accepted to cash country;
- h. Institute for Research and Community Service (LPPM)/Institution Research or other similar institutions are required to carry out research monitoring And evaluation internal on all activity study And community service in research at each university withrefers to system guarantee quality Which valid;
- i. Researchers are required to keep a diary, containing notes about implementation study in accordance with stages process study. Notes daily filled in to BIMA as part from completeness document implementation study;
- j. chairman researcher on study year final Which own dependents outer mandatory (according to the scheme) is more than 1, then you cannot submit a new proposal as chairman And still must pay off dependents;
- k. chairman researcher on study year walk Which own dependents outer mandatory (according to the scheme) more than 1, then the research cannot be continued And still must pay off dependents;
- l. Accountability for research funds refers to the Cost Unit provisions Output (SBK) and Unit Input Costs (SBM) for the applicable fiscal year Which set by Minister Finance;
- m. The lead researcher is required to act as corresponding author in all outer study Which form publication scientific;

- n. specifically for postgraduate research, student research members are required to become writer First in all outer study Which form publication scientific;
- o. Researchers are required to state the source of funding (namely: Directorate General Vocational Education, Ministry of Education, Culture, Research and Technology Republic of Indonesia) and year of funding for each form of research output whether in the form of scientific publications, presented papers, or posters, in *acknowledgment* or source fund;
- p. The research program supports the Independent Learning – Independent Campus program in research learning activities for students with notes in its implementation adapt Book Guide Independent Study – Campus Merdeka published by the Directorate General of Vocational Education (Ditjen Diction) Ministry of Education and Culture.

In order to increase research capacity and research standards in universities high level and implement the provisions in Article 54 of the Minister of Education Regulation and Culture Number 3 of 2020 concerning National Higher Education Standards which requires universities to provide internal research funding, so college tall must provide fund companion management research at least 10% of the research funds provided by DAPTV For all scheme And confirmed on stages agreement by LPPM.

4.2 PROVISION USE BUDGET

Research funding refers to the Minister of Finance Regulation (PMK) concerning Standard Cost Output (SBK), Which load policy unit cost For SBK Sub- Output Study. Regulation the arrange budgeting activity research by considering type, research field, and sub-outputs resulting from. Basically, research funding consists of two types of funding, that is SBK Research And SBK Addition.

Research SBK for research schemes through BOPTN funding consists of Research SBK Development/Capacity, SBK Research Base, SBK Research Applied, SBK Research Development, And SBK Study Actual Strategic as seen on Appendix [Table 10. BOPTN Research Funding Scheme with PMK Reference](#) . SBK Research is the maximum limit of costs that can be approved to achieve targets mandatory external. Research SBK must be described following the Standard Input Costs (SBM) which is currently in effect. Additional SBK is the maximum limit of fees that can be obtained Approved For every outer addition.

Proposers are required to make a research budget plan (RAB) with refers to SBK Research. RAB justification is made based on research needs in accordance with characteristics, category, scheme, And field focus study. Details RAB contains components for material shopping, data collection, data analysis, rent equipment, reporting, outer must, And outer addition.

4.3 MANAGEMENT PROGRAM STUDY

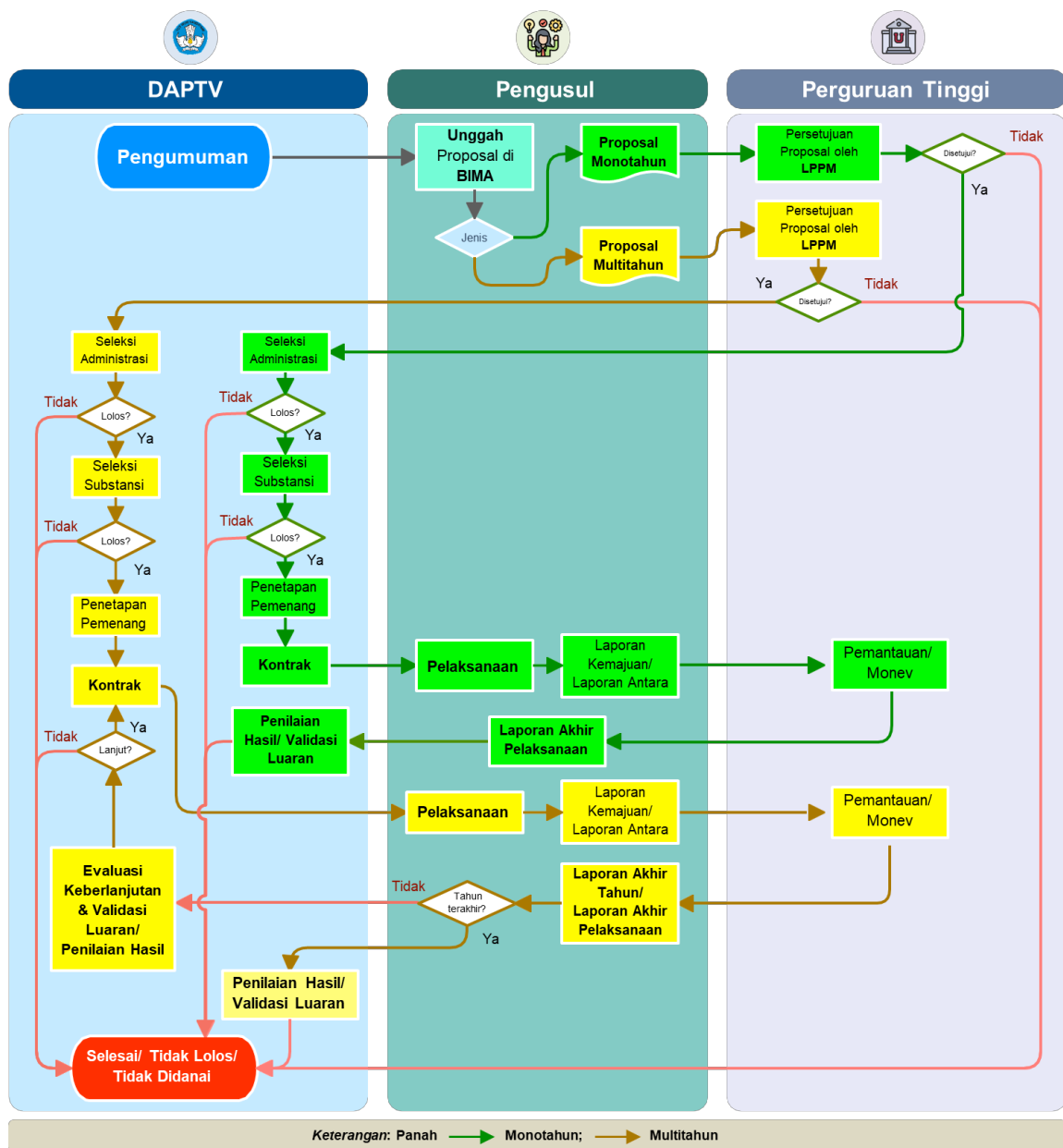
Activity study divided on a number of stages as following:

a. Stage Announcement

The research program management cycle begins with DAPTV making an announcement acceptance of research proposals via the BIMA website. Acceptance announcement The proposal is accompanied by a Research and Service Guidebook Society and Guidebook for Research Management and Community Service Public through BIMA. College Tall And Institution Service Education Higher Education (LLDIKTI) informs the acceptance of the proposal to lecturers/researchers at scope it works each.

b. Stage Proposal Proposals Study

The flow of the stages of proposing a research proposal can be seen as in the flow chart below Picture 4.3.1.



Picture 4.3.1 Stage Proposal Proposals Study

c. Stage Selection

Entire authority selection proposal done by DAPTV. By general selection proposal study held in two stages, namely:

- 1) Selection Administration, done For inspect suitability proposal with guide For become base determination to stage next;
- 2) Selection substance, done For evaluate substance study And appropriateness WED refers on criteria selection Which set.

d. Stage Determination

- 1) Determination proposal Which worthy For funded determined by DAPTV with consider results selection.
- 2) Size cost Which set is policy DAPTV with consider recommendation *reviewer* And availability budget.
- 3) Results determination will informed through BIMA.

e. Stage Implementation

Stage implementation Program Study consists on:

- 1) signing a funding contract in accordance with institutional status college tall;
- 2) making contract derivative/assignment to College Tall Private (PTS) and/or chairman executor;
- 3) melting fund program study;
- 4) revision proposal And WED refers to contract funding;
- 5) implementation activity in accordance with contract funding.

f. Stage Reporting

Researchers are obliged to provide progress/intermediate reports, final reports year, and the final report on research implementation follows the provisions as follows following:

- 1) report progress/between is form accountability implementation activity 70% on scheme funding monoyear And multi-year;
- 2) The head of the research team is required to fill in daily notes and submit reports progress/intermediate, research output, and Statement of Responsibility Shopping (SPTB) 70% according to the deadline specified on the page BIMA;
- 3) The year-end report is a form of accountability for implementation 100% activity on the multi-year funding scheme implemented in year walk;
- 4) report end implementation is form accountability implementation of research programs on a mono-year funding scheme and multiyear Which reported in year final activity;
- 5) The head of the research team is required to fill out a daily diary and submit a final report year or report end implementation, outer research, Letter Statement Shopping Responsibility (SPTB) 100%, and presentation (*PowerPoint slide*) results study in accordance [Attachment 24. Format Files Presentation Results Study](#)

in accordance deadline time Which determined through page BIMA;

- 6) specifically for mono-year and multi-year funding schemes year final, Chairman Team Researcher recommended upload videos profile results research (video link) as a means of promoting appropriate research results [Attachment 25. Format Videos Results Activity Research](#).
- g. Stage Monitoring/ *Monitoring* And Evaluation
Stage monitoring/ *monitoring* And evaluation is form monitoring research program based on mandatory progress/intermediate reports held by all over college tall in a way internal And the result reported to DAPTV.
- h. Stage Evaluation Continuity
Stage evaluation continuity is evaluation to report end year research program multi-year funding scheme aimed at determine continuity funding on year next. Evaluation continuity held by DAPTV with assign committee assessor/ *reviewer*.
- i. Stage Evaluation Results/Validation Outer Study
 - 1) Stage evaluation results/validation outer study is evaluation achievement outer on report end year or report end implementation study.
 - 2) If outer Not yet in accordance target Which promised, so chairman team researcher given chance For fulfil target outer the And DAPTV will do validation outer return.
 - 3) DAPTV can carry out evaluation results study in form seminar if required.
 - 4) Assessment of the results/validation of research outcomes is carried out at the same time determined by DAPTV.

4.4 SCHEME PROGRAM STUDY

Research scheme organized by DAPTV for lecturers in universities high includes 3 schemes based on TKT achievements, namely: Basic Research Scheme (TKT level 1-3), Scheme Study Applied (TKT levels 4-6), And Scheme Study Development (TKT levels 7-9). Guide to Readiness Level Achievement Indicators Technology as outlined on [Attachment 26. Description Level Readiness Technology \(TKT\)](#). As for scheme program study consists from:

1. Scheme Study Base

- Study Work Same.
- Study Postgraduate.
- Study Lecturer Beginner.
- Study Policy Strategic.

2. Scheme Study Applied

3. Scheme Study Development

4.4.1 SCHEME STUDY BASE (PD)

Basic Research can be oriented towards explanation or discovery (invention) to anticipate a new symptom/phenomenon, rule, model or postulate which supports technological processes, health, agriculture, etc frame support study applied. Scheme Study Base This can done For study Work The same from in or outside country.

a. Study Work Same (PK)

1) Work Same In Country

Study Work Same expected For increase Work The same research between groups of researchers from different clusters towards achieved equality quality study.

Outer And condition proposer Study Work Same In Country arranged as following:

a) Outer Study (must involve all over college tall member team). Outer must per year in the form of:

- (1) One article in journal international indexed on base data international reputable; or
- (2) One article in journal national accredited SYNTA 1 or 2; or
- (3) One book results study has an ISBN.

On year final outer must can form patent/patents simple registered, plant variety protection (PVT), circuit layout design integrated (DTLST) registered, *policy briefs*, script academic Which submitted to user or work monumental.

b) Condition Proposal

Condition proposer Study Work Same as following:

- (1) chairman proposer must own minimum position functional Lector, and have a SINTA *Overall Score* of at least 150 for the field scitech And 50 For field soshum And art;
- (2) The proposing members must be at least two lecturers, at least One person originate from cluster college tall Which different;
- (3) member proposer involve minimum One person student guidance study Which registered on Base Data Education Tall (PDDIKTI);
- (4) The research is multi-year in nature, the research period is 2 – 3 years And the outside will evaluated every year; And
- (5) financing study For every the year follow provision funding based on field focus refers on SBK Study Base.

2) Work Same Outside Country

Study Work The same outside country between other But No limited on *Partenariat Hubert Curien* (PHC) Archipelago, *Newton Funds*, *Joints Funding Schemes for Research and Innovation Southeast Asia – Europe* (JFS SEA-EU), *e-ASIA Joints Research Program* (e-ASIA JRP) will explained on instructiontechnical separated.

b. Study Postgraduate (PPS)

Postgraduate Research is intended to improve the quality of graduates postgraduate. Postgraduate Research includes research with members student master or doctor Which registered on PDDIKTI.

Outer And condition proposal Study Postgraduate with memberstudent master arranged as following:

1) Research Output

Outer must in the form of:

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal international; or
- c) One article in journal national accredited SYNTA 1 until 4;
- d) must include a product *feasibility study* report developed.

2) Condition Proposal

- a) chairman proposer educated Doctor with minimum position functional Lector, and have a SINTA *Overall Score of* at least 100 for the field of science and technology and 50 for the field of social and human affairs and moderate arts guide minimum One student master *full time* or have guidance student program doctor, Good program *masters by course* nor *masters by research*;
- b) member proposer consists on lecturer mentor servant (If There is) And One student master guidance chairman proposer from college tall Which The same;
- c) study nature monoannual;
- d) financing study follow provision funding based on The focus area refers to the Basic Research SBK with the cost amount maximum Rp. 30,000,000.

Outer And condition proposer Study Postgraduate with memberstudent doctor arranged as following:

1) Outer Study

Outer must per year in the form of:

- a) One article in journal international indexed on base datainternational reputable; or

- b) One article in journal international; or
- c) One article in journal national accredited SYNTA 1 until 2.

Outer must on year final in the form of:

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal.

2) Condition Proposal

- a) chairman proposer educated Doctor with minimum position functional Lector, and have a SINTA *Overall Score of* at least 100 for the field of science and technology and 50 for the field of social and human affairs and moderate arts guide minimum One student doctor *full time* or have guidance student program doctor, Good program *doctor by course* or *doctor by research*;
- b) member proposer consists on lecturer mentor servant (If There is) And One student doctor his guidance from college tall chairman proposer;
- c) The research is multi-year in nature, the research period is 1-2 years and The outcomes will be evaluated every year, specifically for the Master's Program towards a Doctorate of Excellence (PMDSU) research period 3 year;
- d) Research funding follows funding provisions based on The focus area refers to the Basic Research SBK with the amount cost maximum Rp. 60,000,000;
- e) special PMDSU, condition proposal other adapt with guidelines on Directorate Resource.

c. Study Lecturer Beginner (PDP)

Study Lecturer Beginner intended so that para researcher beginner can increase ability in carry out study. Outer And condition proposal Study Lecturer Beginner arranged as following:

1) Outer Study

- a) One article in journal international indexed on base datainternational reputable; or
- b) One article in journal international; or
- c) One article in journal national accredited SYNTA 1 until 6;
- d) must enclose design *prototype* or models as well document *feasibility study* product Which developed.

2) Condition Proposal

- a) the proposing chairman and members have the maximum functional position Lector (Credit Score (AK): 200) who comes from a university cluster pratama or intermediate, And own ID SYNTA;
- b) member proposer 1-2 person;

- c) proposer only can get scheme PDP as much two times as chairman;
- d) financing PDP refers SBK Research Development/Capacity; And
- e) period time study One year.

d. Study Study Policy Strategic (KKS)

Strategic Policy Study research is intended to help agencies government in formulating strategic policies in order to solve problems public, including get solution to something problem Which seen important And urge.

Outer And condition proposal arranged as following:

- 1) Outer Study

Outer KKS form script academic Which can form *policy briefs* , recommendation policy, or model policy strategic to something problem in accordance with field assignment.
- 2) Condition Proposal
 - a) chairman proposer educated minimum master And have competence in accordance with topic Which studied;
 - b) member proposer 2-5 person;
 - c) DAPTV appoints and gives assignments to universities tall as executor study with consider competence And source Power Which owned;
 - d) DAPTV appoints a lecturer at the designated university as chairman team;
 - e) chairman team Which appointed can form team Which originate from college tall other or institution in outside college tall;
 - f) team proposer submit proposal;
 - g) period time KKS during 1 year; And
 - h) Strategic Policy Study financing refers to the Study SBK Actual Strategic.

4.4.2 SCHEME STUDY APPLIED (PT)

The Applied Research Scheme is divided into two pathways, namely: downstream pathway and pathway expertise. The downstream pathway is expected to be a continuation of basic research with outer prototype/work monumental or script policy. Track expertise intended to increase the competitiveness of Indonesian researchers through output article in journal international reputable.

a. Track Downstreaming

Outer And condition proposal track downstream arranged as following:

- 1) Outer Study
 - a) Prototype/work monumental.

Outer prototype/work monumental each year as following:

- (1) year The first is in the form of prototype/monumental work;
- (2) second year in the form of prototype/work trial documents monumental;
- (3) third year in the form of prototype/work trial documents monumental on partner industry/partners industry creative;

And during period study produce:

- (1) One article in journal international indexed on base data international reputable; or
- (2) One article in journal national accredited SYNTA 1 or 2; or
- (3) One book results study has an ISBN.

b) Manuscript policy.

Outer script policy each year as following:

- (1) year First script policy Which Already test public;
- (2) year second And third document process repair and/or letter statement that document will used from official minimum level Echelon II from authority Which in accordance;

And during period study produce:

- (1) One article in journal international indexed on base data international reputable; or
- (2) One article in journal national accredited SYNTA 1 or 2; or
- (3) One book results study has an ISBN.

2) Condition Proposal

- a) chairman proposer with minimum position functional Lector, And have a SINTA *Overall Score* of at least 100 for science and technology and 50 For field soshum And art;
- b) takes priority own patent/patents simple certified/ *granted* , protection varieties plant certified/ *granted* , design system location ~~and~~ *granted* circuits , monumental works, or academic manuscripts/ recommendation policy Which relevant with proposal Which submitted;
- c) member proposer minimum 1 person lecturer have NIDN/NIDK;
- d) must own partner Which proven with letter statement (support) Which containing willingness as user results study;
- e) The research is multi-year in nature, the research period is 2-3 years and outer will evaluated every year; And
- f) Research funding follows funding provisions based on field focus refers SBK Study Applied.

b. Track Expertise

Outer And condition proposal track expertise arranged as following:

1) Outer Study

- a) One article in journal international indexed on base data international reputable And factor impact (Q1 or Q2);

And during period study produce:

- b) one prototype or policy manuscript/academic manuscript or work monumental.

2) Condition Proposer

- a) chairman proposer with minimum position functional Lector, And have a SINTA *Overall Score of* at least 1,500 in the fields of science and technology 500 For field soshum And art;
- b) member proposer minimum 1 person lecturer have NIDN/NIDK;
- c) The research is multi-year in nature, the research period is 2-3 years and outer will evaluated every year; And
- d) Research funding follows funding provisions based on field focus refers SBK Study Applied;

c. **Study Product Vocational**

Study Product Vocational is study Which addressed For get a solution to a problem that exists in society, industry, government as a continuation of basic research to produce productsdownstream.

Outer condition proposer study product vocational arranged as following:

1) Outer Study

Outer must per year in the form of:

- a) report *feasibility study* product Which developed containing analysis need customer, condition market, technical, *financial* , And economical;
- b) One article in journal international indexed on base datainternational reputable; or
- c) One article in journal national accredited SYNTA 1 or 2; or
- d) One book results study has ISBN; or
- e) prototype product along with documentation results test try performance product;
- f) patent/patents simple registered or *policy briefs* , right create, plant variety protection, integrated layout design, script academic Which submitted to user; or
- g) work monumental;
- h) The results of the analysis are then realized in the form of a work agreement The same with partner user results study (product/model applied/services).

2) Condition Proposal

Condition proposer product vocational as following:

- a) the head of the proposer has a doctoral degree with a minimum functional position Expert Assistant, or Master's degree with a minimum functional position Lector; and have a SINTA *Overall Score of* at least 100 in the field of science and technologyAnd 50 For field soshum And art;
- b) chairman proposer own record footsteps publication minimum One article in journal international and/or journal national accredited minimum ranking 2

as the first author or *corresponding author* is proven by include the URL of the article in question; or three books resulting from research ISBN as the first author published by a member publisher IKAPI/ equivalent or publisher international; or minimum own One Riches Intellectual (KI) form patent/ patent simple minimum registered And other certified;

- c) The KI referred to in point b is KI that protects the substance of the results study However No including right create book No results study, article, report, thesis, thesis, dissertation, guide, And document the like;
- d) own partner Which proven with letter statement (support) Which containing willingness as user results study. There is support funding by partner become mark plus from proposal;
- e) The partner institutions referred to in point d are potential user partners Which relevant with product study;
- f) 2-3 proposing members and a minimum of 1 lecturer and 1 member person originate from partner user Which proven with letter appointment from partner user;
- g) describe technology Which developed together partner Which containing: specification product And projection market. study nature multi year, period time study 2 year and the outside will be evaluated every year;
- h) research is applied in nature by producing products at the level technology readiness 4.5 and 6. In the first year of research you can started from TKT 3 (study base) However end on TKT 4, 5 or 6;And
- i) financing study For every the year follow provision funding based on field focus refers SBK Study Applied.

4.4.3 SCHEME STUDY DEVELOPMENT (PP)

Scheme Study Development expected For speed up commercialization research results involving the business world and the industrial world (DUDI). the process. The output and requirements for proposing a Development Research Scheme are regulated as following:

a. Outer Study

The mandatory output of Development Research can be industrial products or policy products with criteria for each output stage each year arranged as following:

- 1) year First form document test try prototype worthy industry on environment limited;
- 2) year second form document test try prototype worthy industry on environment Actually;
- 3) year third form document *feasibility study* And *business plans*.

b. Condition Proposal

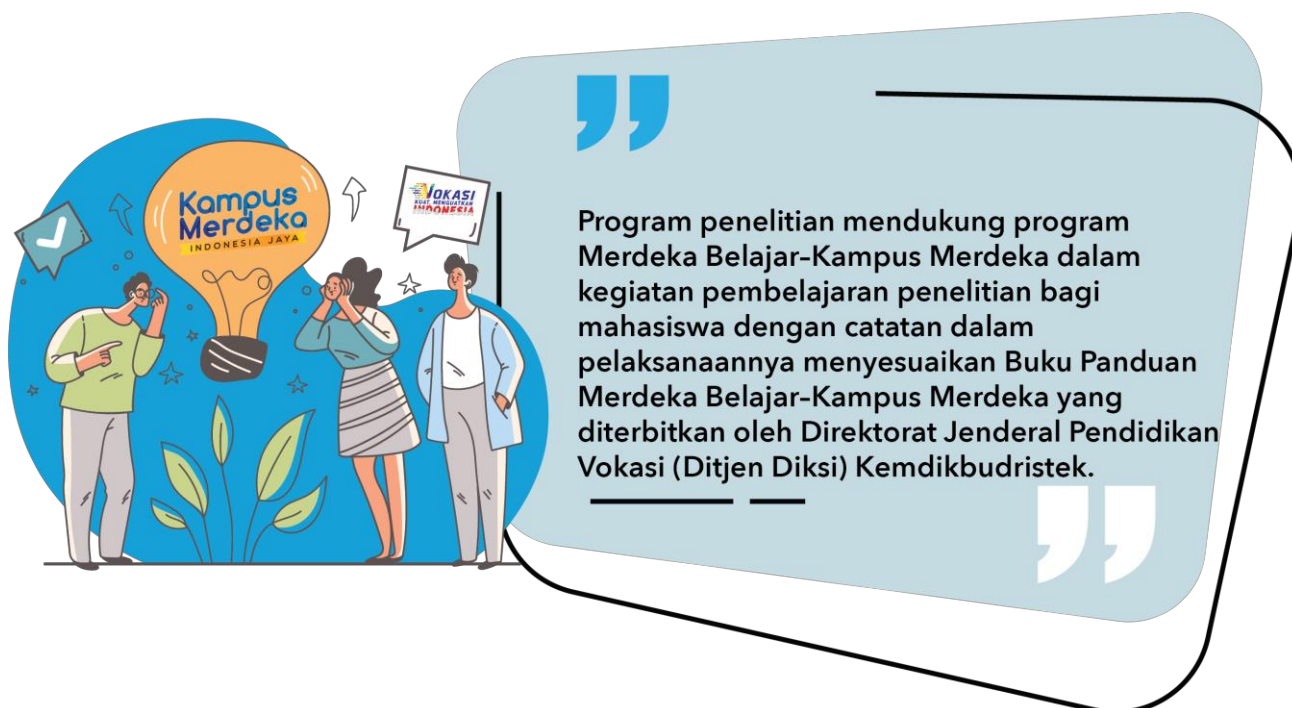
- 1) chairman proposer with minimum position functional Lector, And own SYNTA *Score Overall* minimum 150 For field scitech And 50 For field

soshum And art;

- 2) have partners investors as proven by letter that statement contains a commitment to invest funds by partners in the form of *in cash* minimum as big as 50% from fund Which submitted;
- 3) 3-5 proposing members and a minimum of 1 proposing member industry partners. Members who come from industry partners are proven by letter appointment by institutions/industry;
- 4) study nature multi year, period time study 2-3 year;
- 5) outer form product science and technology will evaluated every year; And
- 6) financing study For every the year follow provision funding based on field focus refers on SBK Study Development.

DAPTV can give assignment to college tall vocational country nor private with scheme, condition, And outer in accordance with need And urgency assignment.

Distribution authority every stages study based on group performance study universities and their institutional status are regulated as in Appendix [Table 11. Proposing Research Based on Higher Education Clusters](#) . Entire tentative schedule stages management study served on attachment [Table 12. Timetable Tentative Implementation of Research and Community Service Programs](#). Schematic summary funding study based on team executor, time, And funding served on [Table 13. Summary of Funding Scheme, Research Team, and Research Implementation Time](#) And summary proposal, selection And implementation study based on scheme funding is presented in [Table 14. Summary of Proposal, Selection and Implementation Study Based on Scheme Funding](#) .



CHAPTER V

PROGRAM DEVOTION TO PUBLIC

5.1 GENERAL PROVISIONS FOR COMMUNITY SERVICE PROGRAM

Implementation program devotion to public must refer to standard guarantee quality devotion to public in college in accordance with signs which has set. Regarding with matter the, DAPTV set provision general implementation program devotion to public which outlined as following:

- a. The chief executive of the service is a permanent lecturer at the university below Ministry Education, Culture, Research, and Technology which have Number Parent Lecturer National (NIDN) or Number Parent Lecturer Special (NIDK) and No as Apparatus Civil Country (ASN) in Ministries/Institutions other;
- b. Service implementing members are lecturers who have NIDN or NIDK;
- c. involve student which own Number Parent Student (NIM);
- d. proposal done through BIMA (<https://bima.kemdikbud.go.id/>) And must get agreement from Leader Institution Study And Devotion to the Community (LPPM)/Community Service Institutions or designation other institution kind in place lecturer the on duty as lecturer still;
- e. Each lecturer can submit two proposals for community service (one proposal as chairman and one proposal as member or two proposals as member);
- f. every lecturer which become chairman on program devotion to public year walk No can submit proposal new on program devotion to public as chairman (However can submit one proposal as member executor);
- g. Each lecturer may only receive funding a maximum of three times as chairman on scheme empowerment based public And maximum as much two time on room scope which the same as chairman;
- h. if the service is terminated prematurely due to negligence executor devotion or proven obtain funding double or propose return devotion which has funded previously, so chairman executor devotion the No permitted propose devotion whose funding source is from DAPTV for two consecutive years and required return fund which has accepted to cash country;
- i. Institution Study And Devotion to Public (LPPM)/Institution Community Service or other similar institutions are required For do monitoring/ *monitoring* and evaluation internal on all activity devotion to public in each PT with refers to the system guarantee quality applicable;
- j. executor devotion required make notes daily in carry out devotion to public. Notes daily containing notes

regarding the implementation of community service according to the stages process devotion to public. Notes daily filled in in page BIMA as part of the completeness of the documents for implementing community service public. diary saved by executor devotion to public Which can made proof in submission KI;

- k. executor devotion which No successfully fulfilled mandatory external in accordance with the scheme target being given up to 1 year after implementation service ends. If it is still unsuccessful, sanctions will be imposed in the form of not being able to submit new proposals until the output is met accordingly target;
- l. accountability fund devotion refers on provision Standard Entry Fee (SBM) for the applicable fiscal year as determined by Minister Finance;
- m. executor devotion must mention source funding (that is: Directorate Academic Education Tall Vocational, Directorate General Education Vocational, Ministry of Education, Culture, Research and Technology of the Republic Indonesia) and funding year in every shape implementation output devotion Good form publication scientific/media mass, paper Which presented, video or poster, in *acknowledgment* or sourcefund;
- n. program devotion to public support program Independent Learning – Independent Campus in community service learning activities public for student with notes in its implementation adapt book Guide Independent Study – Campus Independent Which published by Directorate General Education Vocational, Ministry Education And Culture, Research, And Technology.

5.2 PROVISION USE BUDGET

Financing for community service refers to Ministerial Regulations Finance (PMK) about Standard Cost Insert year budget Which applies. Implementers of community service are required to make a budget plan cost (WED) devotion to public with refers provision asfollowing:

a. Component Cost Honorarium

The proposed honorarium component is a maximum of 15% of the total proposed funds. Component honorarium fees allocated to power Work field, experts/professionals, and/or sources who are not from the team proposer, student Which involved MBKM And partner. Honorarium must detailed by including name, number and position so that there is no duplication of honorarium payments. Details of honorarium payments follow Standard Cost Insert Which applies.

b. Component Technology And Innovation

The proposed technology and innovation component is a minimum of 40% of the total funds proposal. Component cost This only covers tool And material Which submitted

to partners by including the Minutes of Asset Handover (BAST). Procurement tool And material No allowed For: purchase land/land, purchase vehicle operational, purchase equipment renovation room/building And purchase computer/laptop, telephone/ *cellphone* . Entire tool And material in component This become goods owned by country Which submitted to partner And must labeled/stamped permanent giver fund.

c. Component Cost Training

The proposed training cost component is a maximum of 25%. This cost component includes holding *workshops* , workshops, *Focus Group Discussions* (FGD), training, seminars related to the stages of implementing activities and can improve the quality of learning, quality of superior products and productivity of the production process excluding travel, consumption and investment costs equipment/technology, And material For partner.

d. Component Cost Journey

Component Cost Journey Which submitted maximum 15% from total fund Which proposed. This fee covers domestic travel for implementation program And Money daily journey or Money pocket journey.

e. Cost component Other

Component Cost Other maximum 5% from total fund Which proposed. Component cost This covers cost management program like *monitoring* and evaluation, meeting external costs, registration/certification management patent/copyright or other Intellectual Property, journal/seminar registration national/international. Registration/management certification product And Indonesian National Standard (SNI) certification or compliance with other standards, including registration/management permission official related implementation program from authorized institutions and fulfillment of other outcomes. Budgeting for registration article scientific need included journal Which aimed And price *processing/publication fees* . Registration/processing of product certification or technology like processing patents or copyrights (Intellectual Property other) And Standard National Indonesia (SNI), including registration/management permission related with establishment industry, production, distribution, and commercialization or implementation of the product or technology refers on price Application Patent or Patent Simple For Business Micro, Business Small, Educational Institutions and Government R&D at maximum prices for non-electronic applications. Other cost components such as Program management and reporting travel comes from internal funds college tall.

5.3 MANAGEMENT PROGRAM DEVOTION TO PUBLIC

In general, the stages of implementing community service include: announcement, proposal, selection, determination, implementation, *monitoring* and evaluation, reporting, and assessment of outcomes. Schedule of all stages of activities the be delivered by DAPTV through page <https://bima.kemdikbud.go.id/>.

Distribution authority every stages implementation devotion to public based on group performance devotion to public universities and their institutional status are regulated as in the attachment [Table 15. Proposal Devotion to Public Based on Cluster College High](#) . Timetable tentative all stages management devotion to community is presented in attachment [Table 12. Tentative Program Implementation Schedule Research and Community Service](#) . Summary of funding scheme community service based on the implementation team, time and funding served on attachment [Table 16. Summary Scheme Funding, Team Devotion to Public, And Time Implementation Devotion to Public](#) And funding scheme, implementation team, time and service funding public served on attachment [Table 17. Scheme Funding, Team Executor, Time, And Funding Devotion to Society](#) .

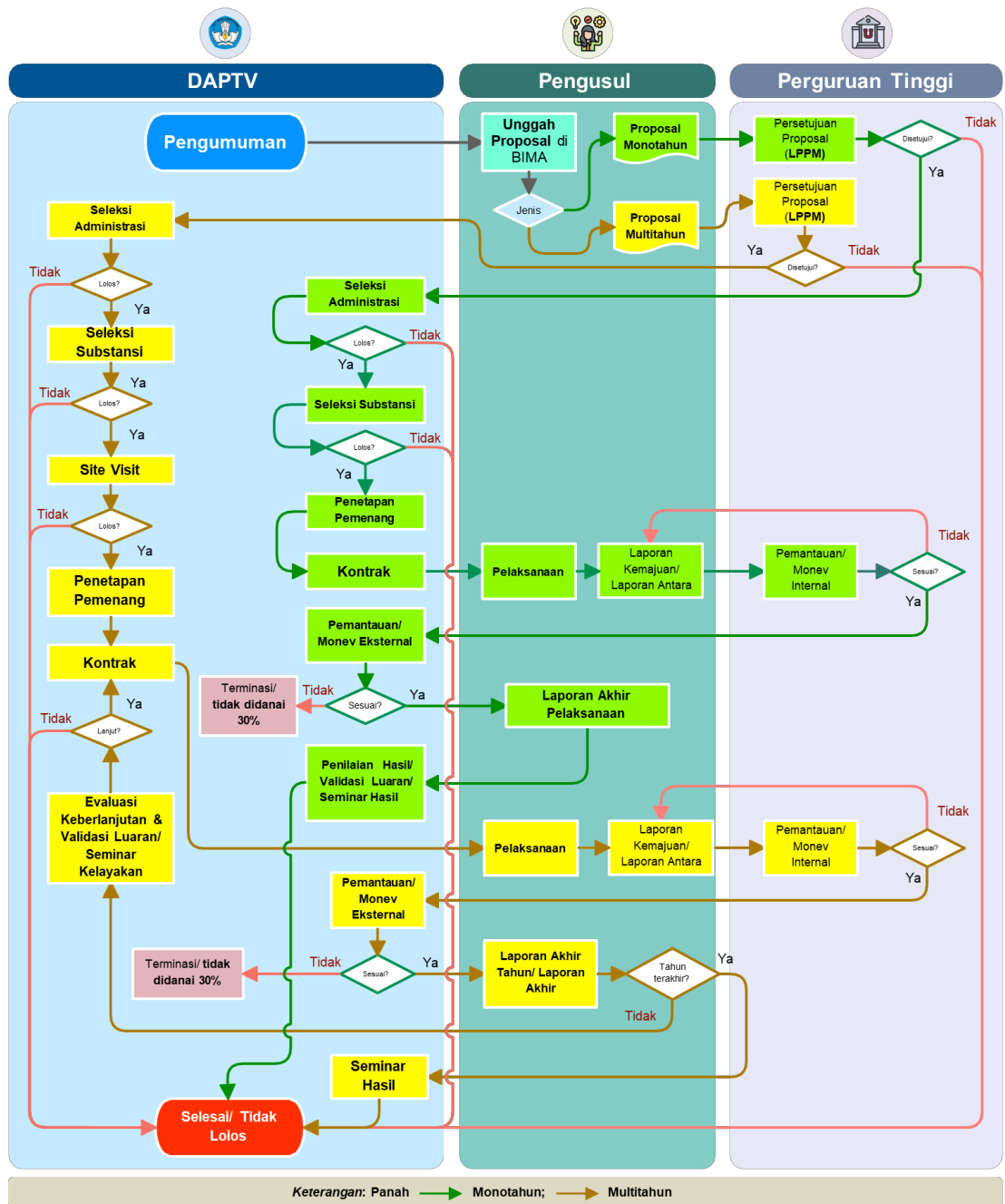
Furthermore every stages implementation devotion to public as showed on attachment [Table 18. Summary proposal, Selection and Implementation of Community Service Based on Funding Schemes](#) can be explained further by looking at the performance aspect of service to university community, institutional status of higher education institutions, and schemes devotion to public as following:

a. Stage Announcement

The community service management cycle begins with DAPTV announce the acceptance of the proposal for community service via BIMA page. The announcement of acceptance of the proposal is accompanied by a Guidebook Research and Community Service and Management Guidebook Research and Community Service through BIMA. College And Institution Service Education Tall (LLDIKTI) inform acceptance of proposals to lecturers/service implementers within their scope of work each.

b. Stage Proposal

The flow of the stages of proposing a community service proposal can be seenlike chart flow on Picture 5.3.1.



Picture 5.3.1 Stage Proposal Proposals Devotion to Public

c. Stage Selection

Entire authority selection proposal done by DAPTV. Selection proposal carried out through BIMA. Community-based empowerment schemes (PBM) and vocational partner empowerment (PBMV) is carried out in 2 stages of selection and For scheme empowerment based entrepreneurship (PBK) And scheme empowerment based region (PBW) in 3 stages selection. Stages selection of service proposals public consists of:

1) Selection Administration.

Administrative selection is carried out to verify the suitability of writing proposal in accordance guide Which later will become base determination to

stage selection substance.

2) Selection Substance

Selection of proposal substance refers to the specified selection criteria with evaluate substance proposal devotion to public And appropriateness WED.

3) Selection *Site Visit*

Selection *Site Visit* specialized on scheme empowerment based entrepreneurship (PBK) and area-based empowerment schemes (PBW) by conducting survey visits to community empowerment locations on proposals that pass the substance to see feasibility and suitability condition roomy.

d. Stage Determination

1) Determination proposal Which worthy For funded determined by DAPTV withconsider results from stage selection.

2) Size cost Which set is policy DAPTV withconsider recommendation *reviewer* And availability budget.

3) Determination proposal devotion Which funded informed through BIMA.

e. Stage Implementation

Stage implementation devotion arranged with provision as following:

1) signing Contract Program Devotion to Public;

2) melting fund program devotion to public in accordance withstatus institutional college tall;

3) making contract derivative/assignment to College Tall Private(PTS) and/or chairman executor;

4) revision proposal And WED refers to contract;

5) implementation activity in accordance with contract.

f. Stage Reporting

Executor devotion to public obliged give report progress And report end year follow provision as following:

1) chairman team executor devotion must fill in notes daily, convey report progress, outer activity And use budget 70% in accordance deadline time Which determined through BIMA;

2) Progress Report uploaded accordingly [Appendix 29. Report Format Progress Devotion To Society](#) ;

3) Report Use Budget 70% in accordance [Attachment 31. Report Use Budget](#) ;

4) chairman team executor devotion must fill in notes daily, convey report end, outer activity, News Program Hand it over Accept Assets (BAST), indicators of output achievement and 100% budget use in accordance deadline time Which determined through BIMA;

5) Report End Devotion To Public in accordance [Attachment 30. Format](#)

-
- [Report End Year Devotion To Society](#) ;
- 6) Report Use Budget 100% in accordance [Attachment 31. Report Use Budget](#) ;
 - 7) Minutes of Asset Handover (for those who own assets) follow the format specified (report format in accordance with the Service Guidelines applicable) accordingly [Attachment 32. Formats Handover Minutes Receive Assets](#) ;
 - 8) The head of the community service implementation team is required to upload documents in the form of: results devotion to public in the form of presentation (*slides PowerPoint*) in accordance [Attachment 33.a Format Presentation Files Implementation Devotion to Society](#) t And poster empowerment in accordance [Attachment 33.b Format Poster Implementation Devotion to Society](#) ;
 - 9) The head of the service implementation team is required to upload the results of the service to the public in the form of a video (video link) accordingly [Appendix 34. Format Videos Results Activity Devotion to Society](#) ;
 - 10) chairman team executor devotion must fill in And upload indicator achievements outer in accordance [Attachment 35. Indicator Achievements Outer](#) .
- g. Stage Monitoring/ *Monitoring* And Evaluation
Target *monitoring* And evaluation covers executor devotion And service organizers (institutions), each of which follows the provisions as following:
- 1) college tall must carry out *monitoring* And evaluation internal with pointing *reviewer* internal or *reviewer* from DAPTV And report the result to DAPTV;
 - 2) DAPTV *monitors* and evaluates community service programs public with assign committee assessment/ *reviewer* .
- h. Stage Evaluation Results/Seminar Results
An assessment of the implementation of the community service program was carried out on end of year of implementation of activities. The final report is done by fill in output achievements as planned, use of budget, and Seminar results files on the BIMA page. At this stage, the results are assessed And evaluation proposal advanced For program multiyear. Stage evaluation results program devotion to public follow provision as following:
- 1) executor must convey report implementation program devotion to public And outer Which has promised; promised;
 - 2) implementers are required to attend a feasibility seminar (for the first year and both multiyear programs) and results seminars (for monoyear programs and the third year of the multi-year program) implementation of the service program to public;
 - 3) The assessment is carried out by DAPTV to assess the feasibility of implementation program devotion to public based on report results devotion And achievements outer results devotion other;
 - 4) evaluation Which done DAPTV consists on:
 - a) the percentage of success rate for community service is appropriate with proposal Which promised; promised;

- b) suggestion And input related suitability budget with provision Which valid;
- c) suggestions and input regarding the sustainability of service to public.
- 5) results evaluation poured in news program.

5.4 SCHEME PROGRAM DEVOTION TO PUBLIC

5.4.1 SCHEME EMPOWERMENT BASED PUBLIC (PBM)

Directorate Academic Education Tall Vocational (DAPTV) apply paradigm from community service to community empowerment is problem solving, comprehensive, meaningful, complete and sustainable (*sustainable*). In Program Empowerment Based Public (PBM) This includes Community Partnership Empowerment (PMK), Community Empowerment Beginner (PMP), And Empowerment Public by Student (PMM) Which naturemonoyear .

Room scope, objective, outer, criteria, target, condition, And characteristics Based Empowerment Program Society is regulated as following:

a. Room Schema Scope

- 1) **Empowerment Public Beginner (PMP)** : specialized to lecturer who come from universities with primary and assisted clusters. It is possible to collaborate across clusters (primary and assisted clusters) during still within the territory of the Higher Education Service Institution (LLDIKTI). The same. Own objective For empowering partner from group the general public, groups of people engaged in the field economy and community groups who learn entrepreneurship with duration minimum 6 month.
- 2) **Empowerment Partnership Public (PKM)** : specialized to lecturers who come from universities with clusters other than clusters built. Cross-cluster collaboration is possible (independent, main, intermediate, and pratama) as long as it is still within the Service Institution area Education Tall (LLDIKTI) Which The same. Own objective For empowering partner from group public general, group public Which move in field economy And group public Which Study entrepreneurship with duration minimum 8 month.
- 3) **Empowerment Public by Student (PMM)** : specialized to college tall with cluster besides cluster built Which has a KKN (Real Work Lecture) program. Cross collaboration is required clusters (Mandiri, Main, Madya and Pratama Clusters) within the region the same Higher Education Service Institution (LLDIKTI). This program own objective For increase concern student to public with duration minimum 6 month.

b. Objective Scheme

Objective from Scheme Empowerment Based Public This, that is:

- 1) form/develop group public Which independentin a way economy And social;
- 2) help create peace, And comfort in lifecommunity;
- 3) improve thinking, reading and writing skills orSkills other Which needed (*soft skills* And *hard skills*);

- 4) special empowerment public by student: change implementing the program from a development paradigm to a paradigm empowerment with the concepts of *co-creation* , *co-financing* and *co-benefit* ; downstream results research lecturer Which can applied to public through program empowerment public by student; And development of KKN themes in partnership with the government and world business/world industry.

c. Outer Scheme

Outer must Scheme Empowerment Based Public as following:

- 1) enhancement levels empowerment partner in a way quantitative And qualitative in accordanceproblem Which faced;
- 2) One article scientific Which published through Journal ISSN or proceedings has an ISBN from seminar national;
- 3) One news publication on media mass print/electronic;
- 4) videos activity.

Outer addition Scheme Empowerment Based Public can be other outputs outside of mandatory outputs such as methods/systems, IPR, books with ISBN, application of technology and innovation, and international publications. Achievement Indicators Community Based Empowerment Scheme outputs as per the [Attachment Appendix 35.1 Scheme Empowerment Based Public](#).

d. Criteria Scheme

Criteria Empowerment Based Public is as following:

- 1) room scope PMP specialized For cluster Primary And Built Andpossible collaboration cross cluster (cluster pratama And built);
- 2) room scope PKM And PMM specialized For PT cluster besides Building;
- 3) room scope PKM And PMM possible collaboration cross cluster (cluster independent, main, intermediate, And pratama);
- 4) Science and Technology applied from the research results of the proposing team is prioritized For funded;
- 5) proposal fund to DAPTV maximum Rp. 25,000,000 For PMP; IDR 50,000,000For PKM; maximum Rp. 75,000,000 For PMM;
- 6) Community Based Empowerment is a mono-year program with 6 month activity period (PMP), 8 months (PKM) and maximum 6 month/144 O'clock Work Effective Student (JKEM) For room scope PMM;
- 7) involving a minimum of 2 students (PMK and PMP), 20 people (PMM), whose activities are recognized as part of MBKM for a minimum of 5 credits in its implementation;
- 8) The problems handled by partners are at least two problem areas which requires the expertise of different level two knowledge groups accordingly [Attachment 22. Field Science](#) ;
- 9) supports the transformation of Higher Education through 8 Performance Indicators Main (IKU) minimum 2 indicator;
- 10) distance from college tall chairman proposer to partners:
 - a. room scope PMP maximum 100 km;
 - b. maximum PKM scope of 200 km or more if in one province;

- c. maximum PMM scope of 200 km or more when in one province. If more from 200 km And cross province so funding transportation And accommodation covered college tall executor.
 - d. budget Which used For invested to partner at least 40% of the total proposed budget in the form of expenditure goods and capital (not for land/land purchases, purchases vehicle operational, purchase equipment renovation room/ building And purchase computer/laptop, telephone/ *cellphone* . All tools and materials in this component become property country Which submitted to partner And must labeled/stamped permanent giver fund).
- 11) involve minimum One group public Which accompanied; And
 - 12) problem Which handled on partner minimum two field problem each group is for the scope of PKM and PMM and at least one field problem For PMP.

e. Target Scheme

- 1) Target Empowerment Public Beginner (PMP)
 - a) economically productive communities such as home industries ladder (IRT), craftsman, fisherman, farmer, breeder, And partner productive other;
 - b) public Which Not yet productive in a way economical, but wish Which strong become entrepreneur And required shaped group with amount member minimum 3 person;
 - c) public Which No productive in a way economy (public general/ordinary) can form public school (PAUD, elementary school, JUNIOR HIGH SCHOOL, SMA/SMK), youth organizations, housewives groups, groups children street, RT/RW, hamlet, village, Community Health Center/Posyandu, Boarding school And Which kind other.
- 2) Target Empowerment Partnership Public (PKM)
 - a) public Which productive in a way economy like: group craftsmen, fishermen groups, farmer groups, livestock groups, etc every its members own character productive in a way economical. Partner home industry (IRT) targets with business ownership Individuals/individuals are required to have a minimum of 4 employees person in outside member family;
 - b) partner target Which leads on field economy productive Required to be a group with a minimum number of 5 members person, like group dasawisma, pokdarwis, group PKK, group recitation, group moms House ladder And etc;
 - c) partner target public Which No productive in a way economy for example school community (PAUD, elementary school, JUNIOR HIGH SCHOOL, high school/vocational school), coral cadets, housewives groups, street children groups, RT/RW, hamlet, village, Community Health Center/Posyandu, Boarding school And other etc.
- 3) Target Empowerment Public by Student (PMM)
 - a) student as executor in field Which role active in

identify existing problems and provide solutions partner problems within a period of 1 to 2.5 months in field with draft "Work together public" as replacement draft "Work For public";

- b) Lecturer Mentor Field (DPL) Which role guide And direct student in carry out program in field;
- c) communities located in rural, urban, community areas coast, island isolated, public in inland forest And etc.

f. Condition Proposer

Condition proposer Scheme Empowerment Based Public as following:

- 1) The implementing team has multidisciplinary competence according to the field Which proposed;
- 2) minimum two competence expertise grove knowledge levels two Which different, And possible For collaborate with college tall other;
- 3) Applicants may only implement three community schemes time as chairman and maximum as many as two time on room scope Which The same;
- 4) team executor consists from three person (One chairman And two member);
- 5) for PMP, the head of the proposer has a minimum functional position of Assistant Expert, and have a *SINTA Overall Score* of at least 20 in the field of science and technology, soshum And art;
- 6) for PKM, the head of the proposer with a minimum functional position of Assistant Expert, And own *SYNTA Score Overall* minimum 50 For field scitech And 25 For field soshum And art; And
- 7) for PMM, the head of the proposer with a minimum functional position of Assistant Expert, And own *SYNTA Score Overall* minimum 50 For field scitech And 25 For field soshum And art.

g. Format Proposal

By general document proposal devotion to public must prepared in Indonesian in accordance with the KBBI, written concisely, follow a clear logical framework, and use citation rules *Vancouver* as per [Appendix 36.1. Community Based Empowerment Scheme](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).

5.4.2 SCHEME EMPOWERMENT BASED ENTREPRENEURSHIP (PBK)

Empowerment public based entrepreneurship is program multi-year (3 years) aimed at encouraging entrepreneurial abilities based on science and technology produced by lecturers and students. Scope scheme empowerment based entrepreneurship that is Entrepreneurship Based Student (KBM), Empowerment Partner Business Product Superior Area (PM- UPUD), And Development Business Campus (PUK). Room scope KBM And PUK

held in in campus whereas PM-UPUD held on partner inoutside campus.

Room scope, objective, outer, criteria, target, condition, And format Scheme Entrepreneurship arranged as following:

a. Room Schema Scope

- 1) **Student-Based Entrepreneurship (KBM):** specifically for lecturers who came from college high with clusters apart from the built cluster. KBM aims to create a method for student entrepreneurship training Which is continuity for student Which combined in Program Creativity Student, scheme based entrepreneurship other, or student Which currently pioneering business. Must collaborate with the Business and Industrial World (DUDI) as a place for internships students or facilitators and collaboration across clusters (clusters) is required independent, main, intermediate, And pratama) during Still in region Institution Service Education Tall (LLDIKTI) Which The same.
- 2) **Empowerment of Regional Featured Product Business Partners (PM-UPUD):** specifically for lecturers from universities with cluster besides cluster built. PM-UPUD aim increase knowledge and skills of cooperatives, community business groups, and SMEs/MSMEs whose role is to spur the growth of superior products/services regions for the domestic market and global market; and improve quality And quantity product/service so that Empower competitive tall with still based on the uniqueness/characteristics of the region. Must collaborate with DUDI is a beneficiary partner and cross collaboration is required cluster (cluster independent, main, intermediate, And pratama) during Still in region Institution Service Education Tall (LLDIKTI) Which The same.
- 3) **Development Business Campus (PUK):** specialized to lecturer Which come from universities with clusters other than the target cluster. PUK aims to support autonomy campus through income generation independent or partnered; and provide opportunities and experiences Work to student. It's possible collaborate with DUDI as partner in development business campus And required cross-cluster collaboration (independent, main, middle and pratama clusters) during Still in region Institution Service Education Tall (LLDIKTI)Which The same.

b. Objective Scheme

Objective Scheme Empowerment Based Entrepreneurship as following:

- 1) increasing networking between higher education entrepreneurship and public industry And institution other;
- 2) increase Power pull product/service superior to public area/market, MSMEs/SMEs to be resilient, develop and provide income for public surroundings;
- 3) speed up diffusion technology And management from public college tall to public industry;
- 4) develop process *link and matches* between college tall, industry,

Local Government And wide community;

- 5) for KBM aims to create an entrepreneurial training method that in accordance for student Which currently pioneering business And create businessman new independent based S&T;
- 6) For PM-UPUD aim increase knowledge And Skills cooperatives, community business groups, and SMEs/MSMEs who play a role spur the growth of regional superior products/services for internal markets country And market global; increase quality And quantity product/service to be highly competitive while remaining based on uniqueness/characteristics the area through application results research college tall; And
- 7) For PUK aim support autonomy campus college tall through acquisition income independent or partner; increase *revenue generating* units college tall; give chance as well as experience Work to student KBM; speed up process development of entrepreneurial culture in higher education; help create access for creation businessman new; push development of a culture of utilizing university research results for public; And build Work The same with private, industry And sectormarketing.

c. Outer Scheme

Outer Must Scheme Based Empowerment Entrepreneurship is:

- 1) enhancement levels empowerment:
 - a. empowerment student (program KBM)
 - b. enhancement *revenue generating* PT (special PUK)
 - c. empowerment partner (PM-UPUD)
- 2) produce at least one product that has IP (copyright, patent and patent simple) in year to 3;
- 3) One article scientific Which published through Journal ISSN or proceedings has an ISBN from seminar national (on year to 1);
- 4) produced one scientific article published in a national journal Sinta indexed ranks 1-6 or one article in indexed proceedings *Scopus* from seminar international Which held in outside country in a way online or carried out domestically either online/offline, or One article in journal international indexed *Copernicus* /equivalent (on year to 2 And 3);
- 5) videos activity (every year);
- 6) news in media mass print/electronic (every year);
- 7) at least five new independent science and technology-based entrepreneurs per year who are ready activity in society (Special KBM);
- 8) outcomes of the Entrepreneurship-Based Empowerment Scheme can be: in the form of other outputs outside of mandatory outputs such as methods/systems, IPR, books with ISBN, application technology And innovation, And publication international;
- 9) indicator external achievements Empowerment Scheme Entrepreneurship Based in accordance [Attachment 35.2 Scheme Empowerment Based Entrepreneurship](#).

d. Criteria Scheme

Criteria Scheme Empowerment Based Entrepreneurship includes:

- 1) The scope of KBM **must** collaborate with DUDI as a venue apprenticeship student or facilitator;
- 2) room scope PM-UPUD **must** do collaboration with DUDI as partner recipient benefit;
- 3) the scope of PUK is possible in collaboration with DUDI as partner in development business campus;
- 4) proposed funds to DAPTV maximum IDR 150,000,000 per year (for KBM and PM-UPUD) and maximum IDR 200,000,000 per year (for PUK);
- 5) requires *sharing* of funds per year of at least IDR 10,000,000 from the College Higher (for KBM), and IDR 30,000,000 from Higher Education (for PUK) And Rp. 10,000,000 from Partner DUDI (For PM-UPUD);
- 6) budget used to invest in PM-UPUD partners, entrepreneurial students, and PUK units at least 40% of the total budget submitted in the form of goods and capital expenditure (excluding land And building construction);
- 7) For the scope of PUK, priority is given to businesses that are already running and existing have a clear organizational structure within the college structure tall as well as exists commitment college tall in funding;
- 8) For room scope PM-UPUD partner required has own asset worth Rp. 150,000,000 with turnover worth Rp. 150,000,000 per year;
- 9) The maximum distance between the Mitra Village location and the proposing university is 200 km or may be more than 200 km as long as it is within one province, except KBM And PUK is at in in college tall;
- 10) involving a minimum of 4 students (PUK and PM-UPUD), 20 people (KBM), whose activities are recognized as part of MBKM at least 5 SKS in its implementation; And
- 11) student Which involved in activity KBM can individual or groups with a total number of 20 students, per group Which formed maximum 3 person with maximum amount group 5.

e. Target Scheme

- 1) Target Empowerment Entrepreneurship Based Student (KBM).
 - a) Minimum number of 20 students each year, with interest increase ability businessman And establish units business specifically according to the student's interests and field of knowledge his team. Every year minimum produce 5 person student Which able to become an independent entrepreneur (*outwall tenant*) and own minimum 3 criteria, that is:
 - own product/service Which will for sale/offer,
 - recorded in an orderly financial manner in the form of: *cash flow* , bookkeeping finance, proof (receipt) purchase materials/services & salehis business,
 - own method/strategy marketing, Good *on line* nor *off line* ;
 - b) student incubated by team proposer (lecturer) with knowledge and ability to create business plans up to its application; And
 - c) student Which own experience implementation Program

Creativity Student Entrepreneurship (PKMK) or PKM Which related with entrepreneurship will more takes priority.

- 2) Target Development Business Campus (PUK).
 - a) Lecturers carry out downstream research results developed in forms of business activities on campus. Activities performed must have specifications that are not the same as similar activities Which done public in outside campus;
 - b) must involve a minimum of 4 students in developing units business in in campus For increase competence student in the field businessman campus. Experience student in carrying out PKMK activities or student business activities will more take precedence; And
 - c) profit Which obtained from business the expected follow role in mechanism operational activity in campus (University/Faculty/Prodi).
- 3) Target Empowerment Featured Product Business Partners Area (PM-UPUD).
 - a) The target of this activity is business unit partners in a particular area Which own products/commodities/services/culture-art Which need developed;
 - b) superiority product the stated in document official government local for example (RPJMD or RPJMP);
 - c) partner Which involved minimum 2 with units business Which Already own asset worth Rp. 150,000,000 with turnover worth Rp. 150,000,000 per year And Ready For developed; And
 - d) minimum 4 person student Which involved will recognized in MBKM minimum 5 SKS in its implementation.

f. Condition Proposer

Condition proposer Scheme Empowerment Based Entrepreneurship includes:

- 1) The proposing team consists of a minimum of 3 people and a maximum of 4 people (1 chairman with 2 or 3 person member);
- 2) the proposing team has the appropriate capabilities (scientific track record). with at least two proposed activities/problems to be addressed competence expertise grove knowledge Which different;
- 3) supports the transformation of Higher Education through 8 Performance Indicators Main (IKU) minimum 2 indicator;
- 4) The proposing team must involve a minimum of 4 students per year (except KBM minimum 20 person student); And For support The MBKM program is required to provide recognition for a minimum of 5 credits per year activity to student; And
- 5) specifically for the scope of PUK, the proposing team receives the Chair's recommendation LPM/ LPPM/ P3M/ DPPM in where every college tall can propose more from One proposal PUK with provision maximum One proposal per faculty For university/ institute, And One proposal per major For school tall.

- 6) chairman of the proposer with a minimum functional position of Lector, and has SINTA Minimum *Overall Score* of 50 for science and technology and 25 for field soshum And art.

g. Format Proposal

By general document proposal devotion to public must prepared in Indonesian in accordance with the KBBI, written concisely, follow a clear logical framework, and use citation rules *Vancouver* in accordance [Attachment 36.2. Scheme Empowerment Based Entrepreneurship](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).

5.4.3 SCHEME EMPOWERMENT BASED REGION (PBW)

Regional-based community empowerment is a multi-year activity (3 year) which is aimed at helping various regional problems faced by regional/city, village/nagari governments (another name for governance the same one), sub-districts, traditional villages, in accordance with the Term Development Plan Middle Regional (RPJMD) or Non-RPJMD, either *Bottom Up* or *Top Down* in order to improve the quality of life for the general public, the world education, health, business and industrial communities found in a region Which become location built College Tall. Forms activity based territoriality This is nature competitive national, that is: PW (Empowerment Region) And GDP (Empowerment Village built).

a. Room Schema Scope

- 1) **Regional Empowerment (PW)** : specifically for lecturers who come from from universities with clusters other than the target cluster. PW aims creating independence, comfort and welfare of the community through the synergy of university community expertise, abilities and district/city government policies as stated in the RPJMD and potential public; find solution on problem Which faced government and society, directly or indirectly influence community living comfort; apply research results appropriate with urgency problem region Which poured in RPJMD/RPJMDs; help program government in problem regional areas such as education, health, environment, economy, tourist, And problem territoriality other as well as help successful implementation of the RPJMD/RPJMDs program; strengthen synergy between universities and related stakeholders in regional development. Mandatory cross-cluster collaboration (independent clusters, main, intermediate, and pratama) during still in the area Institution Service Education Tall (LLDIKTI) Which The same And must collaboratewith government area.
- 2) **Empowerment Village Built (GDP)** : specialized to lecturer Which come from universities with clusters other than the target cluster. GDP aims to apply the results of superior university research in accordance with urgency need public on village built;

give solution problem partner with approach holistic based research multidisciplinary; help program government in community development and assisted village problems, as well as helping successing implementation program RPJMDes; increase independence And well-being public general, public Which engaged in the economic sector (IRT, UKM/UMKM, and business groups others), education, health, environment, etc. according to village needs built; strengthen synergy college tall with holder interests related to the development of assisted villages; and shape *science techno college park* tall based village built. Must cross-cluster collaboration (independent, main, middle and pratama clusters) during Still in region Institution Service Education Tall (LLDIKTI) Which The same.

b. Objective Scheme

Objective Scheme Empowerment Based Region as following:

- 1) apply the results of superior university research in accordance with urgency need public on region built;
- 2) give solution problem partner with approach holistic based research multidisciplinary;
- 3) assisting government programs in community development and problem territoriality, as well as help successing implementation program RPJMDes;
- 4) increase independence And well-being public general, people engaged in the economic sector (IRT, UKM/UMKM, and other business groups), education, health, environment and programs other in accordance need region;
- 5) strengthen synergy college tall (PT) with holder interest related in development regionalism; And
- 6) form *science techno parks* college tall based region.

c. Outer Scheme

Outer Must Empowerment Based Region is:

- 1) increase level of empowerment of the referring partner [Appendix 41. Criteria for Stages of Community Service Outcomes and Validity Evaluation Outer](#).
- 2) produce at least one product that has IP (copyright, patent and patent simple) (on year to 3);
- 3) One publication in proceedings seminar international in in country has an ISBN(on year to 1);
- 4) produced one scientific article published in a national journal Sinta indexed ranks 1-6 or one article in indexed proceedings *Scopus* from seminar international Which held in outside country in a way online or carried out domestically either online/offline, or One article in journal international indexed *Copernicus* /equivalent (on year to 2 And to 3);
- 5) videos activity (every year);
- 6) news in media mass print/electronic (every year);

- 7) Additional outputs of the Community Based Empowerment Scheme can be: other outputs outside of mandatory outputs such as methods/systems, IPR, books with ISBN, application technology And innovation, And publication international;
- 8) Outcome indicators for the Regional Based Empowerment Scheme are appropriate [Attachment 35.3 Scheme Empowerment Based Region](#).

d. Criteria Scheme

Criteria Empowerment Based Region (PBW) as following:

- 1) activity nature multiyear (3 year);
- 2) proposal fund to DAPTV maximum Rp. 150,000,000 per year;
- 3) requires *sharing of* partner funds per year of at least IDR 10,000,000 Higher Education (for GDP) and a minimum of IDR 100,000,000 can be obtained originate from Local Government/CSR/NGOs And source other (For PW);
- 4) minimum 40% of the total budget submitted/approved in form goods and capital expenditure (excluding land and construction/buildings) addressed For help partner; And
- 5) distance the activity location of the proposing university is a maximum of 200 km or may be more than 200 km as long as it is within one province, except PW can cross province through partnership with college tall local with budget Regional Government/City Government/CSR Which rational.
- 6) support transformation higher education through 8 Performance Indicators Main (IKU) minimum 2 indicator; And
- 7) Science and Technology applied from the research results of the proposing team is prioritized For funded.

e. Target Scheme

- 1) Target Empowerment Region (PW) is:
 - a) village/district with minimum two field territoriality Which different on every year activity;
 - b) field territoriality Which intended is: field health, education, environment, production, agriculture in meaning wide, economy, And problem territoriality other;
 - c) activity territoriality Which held in accordance with need Regional government/municipal government Which Already poured in RPJM/RPJMDes; And
 - d) involve minimum two group public Which accompanied on each year activities with numbers Minimum members are 20 people each group with two different problem areas on every his group.
- 2) Target Empowerment Village Built (GDP) is:
 - a) villages (according to Law 6 of 2014 concerning villages) and villages custom, with minimum two field problem based on potency resources owned by the village and require expertise college tall For developed become superior village;
 - b) is region built college tall Which become *science university techno-park* , *an area that is a research location and devotion public lecturer* And student college tall proposer;

- c) involve minimum two group public Which accompanied on each year of activities, and the group is in accordance with the direction superior village development and two problem areas different And own amount member minimum 20 person every group.

f. Precondition Proposer

Condition proposer Empowerment Based Region (PBW) includes:

- 1) team proposer amount 4 person (1 chairman with 3 person member); specialPW involve minimum One person team from college tall partner;
- 2) the proposing team has the appropriate capabilities (scientific track record). with at least two proposed activities/problems to be addressed competence expertise grove knowledge Which different;
- 3) The proposing team must involve a minimum of four students/year and give recognition minimum 5 SKS per year activity to student; And
- 4) team proposer get recommendation Chairman LPM/LPPM/P3M/DPPM where each university may propose more than 1 program Empowerment Based Region (PBW); And
- 5) chairman of the proposer with a minimum functional position of Lector, and has SINTA Minimum *Overall Score* of 50 for science and technology and 25 for field soshum And art.

g. Format Proposal

By general document proposal devotion to public must prepared in Indonesian in accordance with the KBBI, written concisely, follow a clear logical framework, and use citation rules *Vancouver* as per [Appendix 36.3. Regionally Based Empowerment Scheme](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).

5.4.4 EMPOWERMENT SCHEME PARTNER VOCATIONAL (PBMV)

Program Empowerment partner vocational This addressed special For team proposer Which comes from the Vocational Education Organizing College (PTTPV). already have output results/products of applied research that will be downstreamed through scheme PBMV.

a. Room Schema Scope

Scheme Empowerment Partner Vocational is activity monoyear (1 year) Which addressed For downstream results / product research applied proposer. Scheme This apply the results of the proposer's applied research in accordance with the urgency need with give solution problem partner based results researchapplied proposer;

b. Objective Scheme

Objective Scheme Empowerment Partner Vocational as following:

- 1) For help finish problem partner in formdownstream results/products research applied proposer;
- 2) apply results research applied Which in accordance with urgency need

- partner vocational;
- 3) give solution problem partner based results research appliedproposer;
And
- 4) strengthen synergy college tall vocational with partner vocational
(PartnerIndustry).

c. Schema

OutputOuter

Must

- 1) increase levels empowerment partner Which refer on [Attachment 41. Criteria Stages Outer Devotion to Public And Validity Evaluation Outer](#) .
- 2) produce minimum One Product Which berKI (right create / patent simple/ patent)
- 3) produced one scientific article published in the journal Ber- ISSN indexed sinta minimum 4 or proceedings seminar international incountry has ISBN;
- 4) produce One news in media mass print/electronic;
- 5) produced a video work on Increasing Empowerment Activities Partner;
- 6) indicator Achievements Outer Scheme Empowerment Based Partner Vocational in accordance [Attachment 35.4 Scheme Empowerment Partner Vocational](#)

Outer Addition

Outer addition Scheme Empowerment Partner Vocational can in the form of:

- 1) Book Teach/ *Book Chapters* has ISBN;
- 2) Recommendation policy (*policy briefs*).

d. Criteria Scheme

- 1) proposal fund to DAPTV maximum Rp. 100,000,000, (one hundred million rupiah);
- 2) requires *sharing of* matching funds from the proposing institution and/or source other minimum 10% from fund Which proposed, can shaped *in cash* And or *in kind*;
- 3) The budget used to invest in partners is minimal 40% of the total proposed budget is in the form of goods and expenditures capital (No For purchase land/land, purchase vehicle operational, purchase equipment renovation room/building And purchase computer/laptop, telephone /*cellphone* . Entire tool And material in component This become goods owned by country Which submitted to partner And must labeled/stamped permanent giver fund);
- 4) the head of the proposer comes from a Vocational College with one member come from vocational partners, other members can come from universities Tall Academic;
- 5) distance location Village Partner from College Tall proposer maximum 200 kmor can more from 200 km provided Still in One province;
- 6) student Which involved in activity PBMV amount student 5 person, minimum on semester 5.

e. Target Scheme

Target Empowerment Partner

- 1) The target of this activity is vocational partners who use applied research results proposer. Results research from proposer must be SCIENCE AND TECHNOLOGY Which Already Ready implemented and developed in Partner Vocational;
- 2) involving a minimum of 2 partners with business units that already have a profit And Ready For developed; And
- 3) involving 5 students as the implementation of the MBKM program. For D-3 students, involvement in activities can be synergistic with Task End, temporary For student D-4 can synergized with eye studying related And or thesis.

f. Condition Proposer

- 1) the head of the proposer comes from a Vocational College with a minimum score SYNTA 100 For science And technology And 50 For social humanities;
- 2) team proposer amount four person (One chairman with three person member). One member comes from an Industrial partner, another member can originate from College Tall Academic;
- 3) Proposing team members who come from industrial partners have duties And function in accordance with scheme Which proposed, proven with Letter Task from Leader Partner Industry;
- 4) the proposing team has applied research results that are ready to be implemented with TKT minimum 5;
- 5) the proposing team has the appropriate capabilities (scientific track record) with at least two proposed activities/problems to be addressed competence expertise grove knowledge Which different;
- 6) The proposing team must involve a minimum of 5 (five) students semester 5 And give recognition minimum 5 SKS to student; And
- 7) team proposer get recommendation from Chairman LPM/LPPM/P3M/UP2M/DPPM Where every college tall can propose more from 1 Scheme PBMV.

g. Format Proposal

By general document proposal devotion to public must arranged in Language Indonesia, concise And clear, as well as follow framework clear logical thinking according to [Appendix 36.4. Vocational Partner Empowerment Scheme](#) (format can downloaded in <https://bima.kemdikbud.go.id/>).

CHAPTE R VI CLOSING

B

uku Guide Drafting Proposals Study And Devotion to Public Thisis reference in implementation activity study And devotion to public, specifically for para lecturer scope college tall education academicAnd vocational as perpetrator main activity study And devotion to public.

This Handbook can be used as a clear reference for lecturers as proposer or executor activity study And devotion to public Good in universities and within the Directorate of Research, Technology and Community Service to the Community (DRTPM) and the Academic Directorate of Vocational Higher Education (DAPTV). With refers on book guide This, para proposer And executor program research and community service can produce activities with broad output and usefulness, and can be a reference in implementation tridharma of education in terms of research and service with its implementation effective, efficient, transparent And accountable.

Book Guide This has apply aspect collaboration Which involve various *stakeholders* sake support implementation study And devotion Which more collected. Book guide This has customized with exists application management Information and Communication Technology (ICT) based grants starting from the proposal process, selection, implementation, monitoring/ *monitoring* and evaluation until with reporting. With a management system based ICT, supported by clear guidelines so activity can managed in a way efficient, transparent, and accountable.

We ask for suggestions and criticism improvements to this manual next edition . Hopefully books guide This can escort activity research and service to community in higher education so capable produce invention And innovation Which can answer need and increase power National competitiveness Indonesia.



LAMPIRAN

PART 1 RESEARCH GUIDE AND DEVOTION TO PUBLIC DIRECTORATE OF RESEARCH, TECHNOLOGY, AND DEVOTION TO THE COMMUNITY

Attachment 1. Field Knowledge

| Code | Field Knowledge | Level s |
|------------|---|------------|
| 100 | MATHEMATICS AND KNOWLEDGE KNOWLEDGE NATURAL (MIPA) | 1 |
| 110 | KNOWLEDGE IPA | 2 |
| 111 | Physics | 3 |
| 112 | Chemistry | 3 |
| 113 | Biology (And Biotechnology General) | 3 |
| 114 | Field Ipa Other Which Not yet Listed | 3 |
| 120 | MATHEMATICS | 2 |
| 121 | Mathematics | 3 |
| 122 | Statistics | 3 |
| 123 | Knowledge Computer | 3 |
| 124 | Field Mathematics Other Which Not yet Listed | 3 |
| 130 | EARTH AND SPACE | 2 |
| 131 | Astronomy | 3 |
| 132 | Geography | 3 |
| 133 | Geology | 3 |
| 134 | Geophysics | 3 |
| 135 | Meteorology | 3 |
| 136 | Field Geophysics Other Which Not yet Listed | 3 |
| 140 | KNOWLEDGE PLANT | 1 |
| 150 | KNOWLEDGE AGRICULTURE AND PLANTATION | 2 |
| 151 | Knowledge Land | 3 |
| 152 | Horticulture | 3 |
| 153 | Pest Science And Disease Plant | 3 |
| 154 | Cultivation Agriculture And Plantation | 3 |
| 155 | Plantation | 3 |
| 156 | Breeding Plant | 3 |
| 157 | Field Agriculture & Plantation Other Which Not yet Listed | 3 |
| 160 | TECHNOLOGY IN KNOWLEDGE PLANT | 2 |
| 161 | Technology Industry Agriculture (And Agrotechnology) | 3 |
| 162 | Technology Results Agriculture | 3 |
| 163 | Technology Agriculture | 3 |

| Code | Field Knowledge | Level |
|-------------|--|--------------|
| 164 | Mechanization Agriculture | 3 |
| 165 | Technology Food And Nutrition | 3 |
| 166 | Technology Post Harvest | 3 |
| 167 | Technology Plantation | 3 |
| 168 | Biotechnology Agriculture And Plantation | 3 |
| 169 | Knowledge Food | 3 |
| 171 | Field Technology In Knowledge Plant Which Not yet Listed | 3 |
| 180 | KNOWLEDGE SOCIOLOGY AGRICULTURE | 2 |
| 181 | Agricultural Socioeconomics | 3 |
| 182 | Nutrition Public And Source Power Family | 3 |
| 183 | Economy Agriculture | 3 |
| 184 | Sociology Rural | 3 |
| 185 | Agribusiness | 3 |
| 186 | Counselor Agriculture | 3 |
| 187 | Field Sociology Agriculture Other Which Not yet Listed | 3 |
| 190 | KNOWLEDGE FORESTRY | 2 |
| 191 | Cultivation Forestry | 3 |
| 192 | Conservation Resource Forest | 3 |
| 193 | Management Forest | 3 |
| 194 | Technology Results Forest | 3 |
| 195 | Field Forestry Other Which Not yet Listed | 3 |
| 200 | KNOWLEDGE ANIMAL | 1 |
| 210 | KNOWLEDGE FARM | 2 |
| 211 | Knowledge Farm | 3 |
| 212 | Social Economy Farming | 3 |
| 213 | Nutrition And Food Cattle | 3 |
| 214 | Technology Results Cattle | 3 |
| 215 | Development Farm | 3 |
| 216 | Production Cattle | 3 |
| 217 | Cultivation Cattle | 3 |
| 218 | Production And Technology Feed Cattle | 3 |
| 219 | Biotechnology Farm | 3 |
| 221 | Science Veterinary | 3 |
| 222 | Field Farm Other Which Not yet Listed | 3 |
| 230 | KNOWLEDGE FISHERY | 2 |
| 231 | Social Economy Fishery | 3 |
| 232 | Resource Utilization Fishery | 3 |
| 233 | Cultivation Fishery | 3 |
| 234 | Processing Results Fishery | 3 |
| 235 | Source Power Waters | 3 |
| 236 | Nutrition And Food Fish | 3 |
| 237 | Technology Arrest Fish | 3 |
| 238 | Biotechnology Fishery | 3 |

| Code | Field Knowledge | Level |
|-------------|---|--------------|
| 239 | Cultivation Waters | 3 |
| 241 | Field Fishery Other Which Not yet Listed | 3 |
| 250 | KNOWLEDGE MEDICAL ANIMAL | 2 |
| 251 | Medical Animal | 3 |
| 252 | Field Medical Animal Other Which Not yet Listed | 3 |
| 260 | KNOWLEDGE MEDICAL | 1 |
| 270 | KNOWLEDGE MEDICAL SPECIALIST | 2 |
| 272 | Anesthesia | 3 |
| 273 | Surgery (General, Plastic, Orthopedics, Urology, Etc) | 3 |
| 274 | Midwifery And Disease Content | 3 |
| 275 | Medical Forensics | 3 |
| 276 | Medical Sport | 3 |
| 277 | Disease Child | 3 |
| 278 | Knowledge Medical Nuclear | 3 |
| 279 | Knowledge Medical Physique And Rehabilitation | 3 |
| 281 | Disease ENT | 3 |
| 282 | Pathology Anatomy | 3 |
| 283 | Pathology Clinic | 3 |
| 284 | Disease In | 3 |
| 285 | Disease Heart | 3 |
| 286 | Disease Skin And Sex | 3 |
| 287 | Disease Eye | 3 |
| 288 | Knowledge Medical Physique And Rehabilitation | 3 |
| 289 | Disease Lungs | 3 |
| 291 | Disease Nerves | 3 |
| 293 | Microbiology Clinic | 3 |
| 294 | Neurology | 3 |
| 295 | Psychiatry | 3 |
| 296 | Radiology | 3 |
| 297 | Rehabilitation Medic | 3 |
| 298 | Field Medical Specialist Other Which Listed | 3 |
| 300 | KNOWLEDGE MEDICAL (ACADEMIC) | 2 |
| 301 | Biology Reproduction | 3 |
| 303 | Knowledge Biology Reproduction | 3 |
| 304 | Knowledge Biomedicine | 3 |
| 305 | Knowledge Medical General | 3 |
| 306 | Knowledge Medical Base | 3 |
| 307 | Knowledge Medical Base & Biomedicine | 3 |
| 308 | Knowledge Medical Family | 3 |
| 309 | Knowledge Medical Clinic | 3 |
| 311 | Knowledge Medical Tropical | 3 |
| 312 | Immunology | 3 |
| 313 | Medical Work | 3 |

| Code | Field Knowledge | Level |
|-------------|---|--------------|
| 314 | Health Reproduction | 3 |
| 315 | Field Knowledge Medical Other Which Not yet Listed | 3 |
| 320 | KNOWLEDGE SPECIALIST MEDICAL TOOTH AND MOUTH | 2 |
| 321 | Medical Tooth | 3 |
| 322 | Surgery Mouth | 3 |
| 323 | Disease Mouth | 3 |
| 324 | Periodontics | 3 |
| 325 | Orthodontics | 3 |
| 326 | Prosthodontics | 3 |
| 327 | Conservation Tooth | 3 |
| 328 | Field Specialist Medical Tooth Other Which Not yet Listed | 3 |
| 330 | KNOWLEDGE MEDICAL TOOTH (ACADEMIC) | 2 |
| 331 | Knowledge Medical Tooth | 3 |
| 332 | Knowledge Medical Tooth Base | 3 |
| 333 | Knowledge Medical Tooth Community | 3 |
| 334 | Field Knowledge Medical Tooth Other Which Not yet Listed | 3 |
| 340 | KNOWLEDGE HEALTH | 1 |
| 350 | KNOWLEDGE HEALTH GENERAL | 2 |
| 351 | Health Public | 3 |
| 352 | Safety And Health Work (Health Work; Hyperkes) | 3 |
| 353 | Policy Health (And Health analyst) | 3 |
| 354 | Knowledge Nutrition | 3 |
| 355 | Epidemiology | 3 |
| 356 | Technique Health Environment | 3 |
| 357 | Promotion Health | 3 |
| 358 | Knowledge Insurance Soul and Health | 3 |
| 359 | Health Environment | 3 |
| 361 | Knowledge Exercise Body | 3 |
| 362 | Field Health General Other Which Not yet Listed | 3 |
| 370 | KNOWLEDGE NURSING AND MIDWIFERY | 2 |
| 371 | Knowledge Nursing | 3 |
| 372 | Midwifery | 3 |
| 373 | Home Administration Sick | 3 |
| 375 | Entomology (Health, Phytopathology) | 3 |
| 376 | Knowledge Biomedicine | 3 |
| 377 | Ergonomics Physiology Work | 3 |
| 378 | Physiotherapy | 3 |
| 379 | Analyst Medical | 3 |
| 381 | Physiology (Sports) | 3 |
| 382 | Reproduction (Biology And Health) | 3 |
| 383 | Acupuncture | 3 |
| 384 | Rehabilitation Medic | 3 |
| 385 | Field Nursing And Midwifery Other Which Not yet Listed | 3 |

| Code | Field Knowledge | Level |
|-------------|---|--------------|
| 390 | KNOWLEDGE PSYCHOLOGY | 2 |
| 391 | Psychology General | 3 |
| 392 | Psychology Child | 3 |
| 393 | Psychology Public | 3 |
| 394 | Psychology Work (Industry) | 3 |
| 395 | Field Psychology Other Which Not yet Listed | 3 |
| 400 | KNOWLEDGE PHARMACY | 2 |
| 401 | Pharmacy General And Pharmacist | 3 |
| 402 | Pharmacology And Pharmacy Clinic | 3 |
| 403 | Biology Pharmacy | 3 |
| 404 | Analysis Pharmacy And Chemistry Medicinal | 3 |
| 405 | Pharmaceuticals And Technology Pharmacy | 3 |
| 406 | Pharmacy Food And Security Analysis Food | 3 |
| 407 | Pharmacy Other Which Not yet Listed | 3 |
| 410 | KNOWLEDGE TECHNIQUE | 1 |
| 420 | TECHNIQUE CIVIL AND PLANNING SYSTEM ROOM | 2 |
| 421 | Technique Civil | 3 |
| 422 | Technique Environment | 3 |
| 423 | Design City | 3 |
| 424 | Planning Region And City | 3 |
| 425 | Technique Irrigation | 3 |
| 426 | Technique Architecture | 3 |
| 427 | Technology Tool Heavy | 3 |
| 428 | Transportation | 3 |
| 429 | Field Technique Civil Other Which Not yet Listed | 3 |
| 430 | KNOWLEDGE TECHNIQUE INDUSTRY | 2 |
| 431 | Technique Machine (And Machinery Science Other) | 3 |
| 432 | Technique Production (And Or Manufacturing) | 3 |
| 433 | Technique Chemistry | 3 |
| 434 | Technique (Industry) Pharmacy | 3 |
| 435 | Technique Industry | 3 |
| 436 | Aviation/Aeronautics And Astronautics | 3 |
| 437 | Technique Textiles (Textile) | 3 |
| 438 | Technique Refrigeration | 3 |
| 439 | Biotechnology In Industry | 3 |
| 441 | Technique Nuclear (And Or Knowledge Nuclear Other) | 3 |
| 442 | Technique Physics | 3 |
| 443 | Technique Energy | 3 |
| 444 | Sensing Far | 3 |
| 445 | Technique Materials (Science Material) | 3 |
| 446 | Field Engineering Industry Other Which Not yet Listed | 3 |
| 450 | TECHNIQUE ELECTRO AND INFORMATICS | 2 |
| 451 | Technique Electro | 3 |

| Code | Field Knowledge | Level |
|-------------|--|--------------|
| 452 | Technique Power Electric | 3 |
| 453 | Technique Telecommunication | 3 |
| 454 | Technique Electronics | 3 |
| 455 | Technique Control (Or Instrumentation And Control) | 3 |
| 456 | Technique Biomedicine | 3 |
| 457 | Technique Computer | 3 |
| 458 | Technique Informatics | 3 |
| 459 | Knowledge Computer | 3 |
| 461 | System Information | 3 |
| 462 | Technology Information | 3 |
| 463 | Technique Device Soft | 3 |
| 464 | Technique Mechatronics | 3 |
| 465 | Field Technique Electro And Informatics Other Which Not yet Listed | 3 |
| 470 | TECHNOLOGY EARTH | 2 |
| 471 | Technique Hot Earth | 3 |
| 472 | Technique Geophysics | 3 |
| 473 | Technique Mining (Manipulation Mining) | 3 |
| 474 | Technique Petroleum (Petroleum) | 3 |
| 475 | Technique Geology | 3 |
| 476 | Technique Geodesy | 3 |
| 477 | Technique Geomatics | 3 |
| 478 | Field Technology Earth Other Which Not yet Listed | 3 |
| 480 | KNOWLEDGE SHIPPING | 2 |
| 481 | Technique Shipping | 3 |
| 482 | Technique Machinery Boat | 3 |
| 483 | Technique System Shipping | 3 |
| 484 | Technique Marine And Knowledge Marine | 3 |
| 485 | Oceanography (Oceanology) | 3 |
| 486 | Field Shipping Other Which Not yet Listed | 3 |
| 500 | KNOWLEDGE LANGUAGE | 1 |
| 510 | SUB FIELD KNOWLEDGE LITERATURE (AND LANGUAGE) INDONESIA AND AREA | 2 |
| 511 | Literature (And Language) Area (Java, Sunda, Batak Etc) | 3 |
| 512 | Literature (And Language) Indonesia | 3 |
| 513 | Literature (And Language) Indonesia Or Area Other | 3 |
| 520 | KNOWLEDGE LANGUAGE | 2 |
| 521 | Knowledge Linguistics | 3 |
| 522 | Journalism | 3 |
| 523 | Knowledge Literature General | 3 |
| 524 | Record management | 3 |
| 525 | Knowledge Library | 3 |
| 526 | Field Knowledge Language Other Which Not yet Listed | 3 |
| 530 | KNOWLEDGE LANGUAGE FOREIGN | 2 |
| 531 | Literature (And Language) English | 3 |

| Code | Field Knowledge | Level |
|-------------|--|--------------|
| 532 | Literature (And Language) Japan | 3 |
| 533 | Literature (And Language) China (Mandarin) | 3 |
| 534 | Literature (And Language) Arab | 3 |
| 535 | Literature (And Language) Korea | 3 |
| 536 | Literature (And Language) German | 3 |
| 537 | Literature (And Language) Malay | 3 |
| 538 | Literature (And Language) Dutch | 3 |
| 539 | Literature (And Language) France | 3 |
| 541 | Field Literature (And Language) Foreign Other Which Not yet Listed | 3 |
| 550 | KNOWLEDGE ECONOMY | 1 |
| 560 | KNOWLEDGE ECONOMY | 2 |
| 561 | Economy Development | 3 |
| 562 | Accountancy | 3 |
| 563 | Economy Sharia | 3 |
| 564 | Banking | 3 |
| 565 | Taxation | 3 |
| 566 | Insurance Commerce (Loss) | 3 |
| 567 | Notary | 3 |
| 568 | Field Economy Other Which Not yet Listed | 3 |
| 570 | MANAGEMENT SCIENCE | 2 |
| 571 | Management | 3 |
| 572 | Management Sharia | 3 |
| 573 | Administration Finance (Office, Tax, Hotel, Logistics, etc) | 3 |
| 574 | Marketing | 3 |
| 575 | Management Transportation | 3 |
| 576 | Management Industry | 3 |
| 577 | Management Informatics | 3 |
| 578 | Secretariat | 3 |
| 579 | Field Management Which Not yet Listed | 3 |
| 580 | KNOWLEDGE SOCIAL HUMANITIES | 1 |
| 590 | KNOWLEDGE POLITICAL | 2 |
| 591 | Knowledge Political | 3 |
| 592 | Criminology | 3 |
| 593 | Connection International | 3 |
| 594 | Knowledge Administration (Commerce, Country, Public, Development, etc) | 3 |
| 595 | Criminology | 3 |
| 596 | Knowledge Law | 3 |
| 597 | Knowledge Government | 3 |
| 601 | Knowledge Social And Political | 3 |
| 602 | Studies Development (Planning Development, Region, City) | 3 |
| 603 | Resilience National | 3 |
| 604 | Knowledge Police | 3 |
| 605 | Policy Public | 3 |

| Code | Field Knowledge | Level |
|-------------|---|--------------|
| 606 | Field Knowledge Political Other Which Not yet Listed | 3 |
| 610 | KNOWLEDGE SOCIAL | 2 |
| 611 | Knowledge Well-being Social | 3 |
| 612 | Sociology | 3 |
| 613 | Humanities | 3 |
| 614 | Study Region (Europe, Asia, Japan, East Middle, etc) | 3 |
| 615 | Archeology | 3 |
| 616 | Knowledge Sociatrics | 3 |
| 617 | Population (Demography, And Knowledge Population Other) | 3 |
| 618 | History (Knowledge History) | 3 |
| 619 | Study Culture | 3 |
| 621 | Communication Broadcasting Islam | 3 |
| 622 | Knowledge Communication | 3 |
| 623 | Anthropology | 3 |
| 624 | Field Social Other Which Not yet Listed | 3 |
| 630 | RELIGION AND PHILOSOPHY | 1 |
| 640 | KNOWLEDGE KNOWLEDGE (KNOWLEDGE) RELIGION | 2 |
| 641 | Religion Islam | 3 |
| 642 | Religion Catholic | 3 |
| 643 | Religion Christian And Theology | 3 |
| 644 | Sociology Religion | 3 |
| 645 | Religion (Philosophy) Hindu, Buddha, And Other Which Not yet Listed | 3 |
| 650 | KNOWLEDGE PHILOSOPHY | 2 |
| 651 | Philosophy | 3 |
| 652 | Knowledge Religion And Culture | 3 |
| 653 | Philosophy Other Which Not yet Listed | 3 |
| 660 | KNOWLEDGE ART, DESIGN AND MEDIA | 1 |
| 670 | KNOWLEDGE ART SHOW | 2 |
| 671 | Artistry | 3 |
| 672 | Art Theater | 3 |
| 673 | The Art of Puppetry | 3 |
| 674 | Art Music | 3 |
| 675 | Art Karawitan | 3 |
| 676 | Art Show Other Which Not yet Called | 3 |
| 680 | KNOWLEDGE ART | 2 |
| 681 | Creation Art | 3 |
| 682 | Ethnomusicology | 3 |
| 683 | Anthropology Dance | 3 |
| 684 | Art Appearance Pure (art painting) | 3 |
| 685 | Art Statue | 3 |
| 687 | Art Graphic | 3 |
| 688 | Art Intermedia | 3 |
| 689 | Field Knowledge Art Other Which Not yet Listed | 3 |

| Code | Field Knowledge | Level |
|-------------|---|--------------|
| 690 | KNOWLEDGE ART CRAFTS | 2 |
| 691 | Craft Statue | 3 |
| 692 | Craft Wood | 3 |
| 693 | Craft Skin | 3 |
| 694 | Ceramic Crafts | 3 |
| 695 | Craft Textiles | 3 |
| 696 | Craft Metal (And Metal Noble/Jewellery) | 3 |
| 697 | Field Art Craft Other Which Not yet Listed | 3 |
| 699 | Tourism | 3 |
| 700 | KNOWLEDGE MEDIA | 2 |
| 701 | Photography | 3 |
| 702 | Television | 3 |
| 703 | Broadcasting (Broadcasting) | 3 |
| 704 | Graphics (And Publishing) | 3 |
| 705 | Field Media Other Which Not yet Listed | 3 |
| 706 | DESIGN | 2 |
| 707 | Design Interiors | 3 |
| 708 | Design Visual Communication | 3 |
| 709 | Design Product | 3 |
| 710 | KNOWLEDGE EDUCATION | 1 |
| 720 | EDUCATION KNOWLEDGE SOCIAL | 2 |
| 721 | Education Pancasila And Citizenship | 3 |
| 722 | Education History | 3 |
| 723 | Education Economy | 3 |
| 724 | Education Geography | 3 |
| 725 | Education Sociology And Anthropology | 3 |
| 726 | Education Accountancy | 3 |
| 727 | Education System Commerce | 3 |
| 728 | Education Administration Office | 3 |
| 729 | Education Language Japan | 3 |
| 731 | Education Sociology (Knowledge Social) | 3 |
| 732 | Education Cooperative | 3 |
| 733 | Education Population And Environment Life | 3 |
| 734 | Education Economy Cooperative | 3 |
| 735 | Field Education Knowledge Social Other Which Not yet Listed | 3 |
| 740 | KNOWLEDGE EDUCATION LANGUAGE AND LITERATURE | 2 |
| 741 | Language Education, Literature Indonesia And Area | 3 |
| 742 | Education Language (And Literature) English | 3 |
| 743 | Education Language (And Literature) Indonesia | 3 |
| 744 | Education Language (And Literature) German | 3 |
| 745 | Education Language (And Literature) France | 3 |
| 746 | Education Language (And Literature) Arab | 3 |
| 747 | Education Language (And Literature) France | 3 |

| Code | Field Knowledge | Level |
|-------------|--|--------------|
| 748 | Education Language (And Literature) Java | 3 |
| 749 | Education Language (And Literature) China (Mandarin) | 3 |
| 751 | Field Language Education (And Satra) Other Which Not yet Listed | 3 |
| 760 | KNOWLEDGE EDUCATION EXERCISE BODY AND HEALTH | 2 |
| 761 | Education Physical, Health And Recreation | 3 |
| 762 | Education Physical And Health | 3 |
| 763 | Education Sport And Health | 3 |
| 764 | Education Coaching Sport | 3 |
| 765 | Knowledge Sports | 3 |
| 766 | Education Exercise Body And Health Other Which Not yet Listed | 3 |
| 770 | KNOWLEDGE EDUCATION MATHEMATICS AND KNOWLEDGE KNOWLEDGE NATURAL (MIPA) | 2 |
| 771 | Education Biology | 3 |
| 772 | Education Mathematics | 3 |
| 773 | Education Physics | 3 |
| 774 | Education Chemistry | 3 |
| 775 | Education Knowledge Knowledge Natural (Science) | 3 |
| 776 | Education Geography | 3 |
| 777 | Education Mipa Other Which Not yet Listed | 3 |
| 780 | KNOWLEDGE EDUCATION TECHNOLOGY AND VOCATIONAL | 2 |
| 781 | Education Technique Machine | 3 |
| 782 | Education Technique Building | 3 |
| 783 | Education Technique Electro | 3 |
| 784 | Education Technique Electronics | 3 |
| 785 | Education Technique Automotive | 3 |
| 786 | Education Technique Informatics | 3 |
| 787 | Education Well-being Family (Tataboga, Fashion, Makeup, etc) | 3 |
| 788 | Education Technology And Vocational | 3 |
| 789 | Field Pend. Technology And Vocational Other Which Not yet Listed | 3 |
| 790 | KNOWLEDGE EDUCATION | 2 |
| 791 | Education Outside Normal | 3 |
| 792 | Education Outside School | 3 |
| 793 | Education Teacher School Base (PGSD) | 3 |
| 794 | PGTK And preschool | 3 |
| 795 | Psychology Education | 3 |
| 796 | Measurement And Evaluation Education | 3 |
| 797 | Development Curriculum | 3 |
| 798 | Technology Education | 3 |
| 799 | Administration Education (Management Education) | 3 |
| 801 | Education Child Age Early | 3 |
| 802 | Curriculum And Technology Education | 3 |
| 803 | Guidance And Counseling | 3 |
| 804 | Field Education Other Which Not yet Listed | 3 |
| 810 | KNOWLEDGE EDUCATION ART | 2 |

| Code | Field Knowledge | Level |
|------------|--|----------|
| 811 | Education Art Drama, Dance And Music | 3 |
| 812 | Education Art Appearance | 3 |
| 813 | Education Art Music | 3 |
| 814 | Education Art Dance | 3 |
| 815 | Education Skills And Craft | 3 |
| 816 | Education Art Craft | 3 |
| 817 | Field Education Art Other Which Not yet Listed | 3 |
| 900 | FIELD KNOWLEDGE OTHER | 1 |

Attachment 2. Field Focus Research, Research Theme, and Topics Priority Research

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|--|---|
| 1 | Food– Agriculture | Technology breeding seed plant, cattle, And fish | Utilization technique radiation For search strain superior mutant. Breeding plant with technology based biotechnology. Conventional plant breeding techniques. Revitalization And enhancement knowledge farmerbased community in breeding plant. Breeding cattle with technology basedbiotechnology. Breeding cattle technique conventional. Revitalization And enhancement knowledge farmerbased community in breeding cattle. Fish breeding with technology based biotechnology. Breeding fish technique conventional. Revitalization And enhancement knowledge farmerbased community in breeding fish. Utilization of local wisdom in the processbreeding seeds plant, cattle, And fish. Anatomy plant from perspective anthropology culture. |
| | | Technology cultivationand utilization land sub-optimal | System modernization agriculture And utilization land. Agriculture land sub-optimal wet. Optimization system agriculture tropical. Optimization of tropical farming systems in communities Woman For resilience food family based knowledge local. Use of local wisdom in utilization And conserve land in framecontinuity. Development identity functional agriculture. Intergenerational transformation of agricultural workers. Shift work agriculture on Woman farmer. |
| | | Development resource man agriculture | |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|--|---|
| | | | Resource-based food diversity plant local through role community, Woman, And family. Pattern development HR Agriculture on public traditional/local. Strengthening agro industry made from standard source local. |
| | | Technology post-harvest And manipulation technology processing food | Power Management And resource conservation Power land, water, And biological. <i>Precision agriculture</i> . Manipulation machines agriculture And processing. Technology irradiation preservation results agriculture. Diversification and downstreaming of agricultural products ,plantation, farm, And fishery. |
| | | Technology resilience And independence food | Revitalization And strengthening knowledge local Woman farmer. Management, conservation source Power, And downstream product based wisdom local Supporter independence food (paddy, corn, And soya bean) And plant plantation. Independence food commodity ruminant. Independence food commodity waters. Efficiency chain mark results agriculture, plantation, farm. Development product food based source Power tropical. Development of functional food products. Development of technology for detection forgery product agriculture, farm, And fishery. |
| 2 | Focus Integration Energy Research— New Energy and Renewable | Substitution technology material burn | Development technology For testing product halal. Strategy resilience And independence food on public traditional Technology supporter conversion to material burn gas (BBG). <i>Dimethyl ether</i> For energy House ladder And transportation. <i>Development component converter kits.</i> <i>Development of biogasoline technology and products</i> . Development And utilization bioenergy For transportation, electricity And industry. Development technology And utilization <i>fuel cells</i> . Development technology making <i>bio-crude oil</i> . Development technology making <i>bioethanol</i> generation. |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|---|---|
| | | | Development of local fuels as <i>substituent</i> material burn fossil. |
| | | Independence technology generator electricity | <p>Design get up PLT hot earth.</p> <p>Design get up PLT micro hydro land And <i>marine</i> .</p> <p>PLT bioenergy (<i>biomass, biogas, biofuels</i>) massive.</p> |
| | | | Design get up PLTB (Bayu). |
| | | Conservation technology energy | <p>Restoration land And initiation development energyelectricity based source Power local.</p> <p>Building economical And independent energy. System <i>smart grids</i> And management conservationenergy.</p> <p>Energy-saving electrical component technology.</p> <p>Development of deep <i>microgrid</i> systems management energy renewable.</p> <p>Technology <i>hybrid</i> in utilization sourceenergy renewable.</p> |
| | | Technology endurance, diversification energyand strengthening community social | <p>Local wisdom in architecture for Development building economical energy</p> <p>Technology supporter EOR.</p> <p>Setup infrastructure NPP.</p> <p>Technology supporter clean coal.</p> <p>Transfer And adoption innovation diversification energy based community insightful <i>gender</i> And sustainable.</p> <p>Model transformation community independent energy renewable based on local knowledge, community And public local.</p> <p>Rural electrification development technology.</p> <p>Technology appropriate To use in utilization energynew And renewable.</p> <p>Management energy renewable based wisdom local public</p> |
| 3 | Health-Drug | Technology product biopharmaceuticals | <p>Production mastery vaccine main (<i>hepatitis, dengue</i>).</p> <p>Mastery <i>cell cause</i> (<i>stem cell</i>).</p> <p>Mastery product <i>biosimilars</i> And product blood.</p> <p>Development <i>in Vivo diagnosis</i> c (IVD) For detection disease infection.</p> |
| | | Tool technology health and diagnostic | <p>Development <i>in Vivo diagnostics</i> (IVD) For detection disease <i>degenerative</i> .</p> <p>Development electromedical equipment.</p> <p>Development <i>phytopharmaca</i> based source Power local.</p> |
| | | Technology independence materialstandard drug | <p>Material standard drug chemistry.</p> <p>Saintification of herbal medicine And herbs, production technology pigment experience.</p> <p>Development drug traditional based SCIENCE AND</p> |

TECHNOLOGY

| | | |
|--|---|--|
| | | for tropical diseases (<i>neglected diseases</i>). |
| | Development And strengthening system institutional, | Development technology biosimilars, biosynthesis, <u>And <i>biorefinery</i> For production material drug.</u> Ethnomedicine (leaves, roots, tubers, stems, fruit) Strengthening women 's knowledge development <i>phytopharmaca</i> based knowledge local. |
| | policy health, Knowledge local For use jamu And and empowerment public | herbs in health public, Which sensitive <u><i>gender</i> And inclusive social.</u> |
| | in supportdrug independence Commodification wisdom local in field healthFor handleproblem health | Strengthening knowledge And development habit public in behave Healthy. Wisdom local For support pattern life clean <u>And Healthy.</u> <u>Local wisdom to overcome disease outbreaks.</u> Wisdom local For overcome <i>Stunting</i> And Pattern Foster Child in family. |
| | | Wisdom local connection with Processing food Healthy And nutritious . Identification obstacle culture in grow flower And pattern foster child. Wisdom local in field health For dealing with reproductive health problems Woman. Knowledge Woman about health reproduction based wisdom local. <u>Management safety.</u> <u>Means infrastructure supporter safety.</u> |
| 4 Technology Transportation And | management safety transportation | Management transportation friendly <i>gender</i> , child, And <u>group need special.</u> |
| | Technology strengthening industry transportation national | Wisdom local in mobility publictraditional Adopt local community values and norms within develop management safety transportation <u>Mode road And rail.</u> <u>Mode water.</u> <u>Mode air.</u> |
| | Technology infrastructure and supporter system transportation | Strengthening a friendly transportation industry environment social And culture. <u>System intelligent management transportation.</u> <u>Technology infrastructure transportation.</u> <u>System construction infrastructure transportation.</u> Management safety Work implementation construction |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----------------|--------------------|------------|---|
| infrastructure | | | Management system control And guarantee |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|---|--|--|
| | | | quality implementation construction infrastructure transportation. |
| | | | Involvement of local figures in planning development technology infrastructure system transportation |
| | | Policy studies, social and economics transportation | Research base supporter technology And system transportation. |
| | | | System social Which support participation Woman, child, And inclusion social as well as in use means And infrastructure transportation. |
| | | | Knowledge local For development policy transportation |
| | | <i>Intelligent transportation system</i> | Management transportation urban/urban. Management transportation logistics. |
| 5 | Technology Information and Communication | Development infrastructure ICT | Technology 5G (<i>broadband</i>). Telecommunication <i>Internet-</i> based <i>Protocols</i> (IP) And <i>Internet of Things</i> (IoT) . <i>Network, data and information security.</i> Broadcasting multimedia based digital. I.T <i>security</i> . |
| | | Development system/platform Open based Source | Development network sensors. Technology antenna And propagation wave radio. Development system radio cognitive. System ICT e- <i>Government.</i> System ICT e- <i>Business.</i> |
| | | Technology For | <i>Frameworks / Platforms</i> support industry creative And control. |
| | | Enhancement Content ICT | System information liberal technology supporter industry micro insightful <i>gender</i> And sustainable. System information based wisdom local Technology And content For data information geospatial and senses. Development technology <i>big data</i> . Technology for information data in various forms wisdom local in Indonesia |
| | | Technology device ICT And supporter ICT | Device ICT For system network. Device ICT For <i>smart city.</i> Device ICT For <i>customer premises equipment</i> (CPE). Policy And social humanities supporter ICT. Participation support technology _women, children, needy groups special, as well as security use informationbased ICT. Device ICT For preservation wisdom local |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|----------------------|--|---|
| 6 | Defense And Security | Development based system intelligence artificial | Development application system intelligent. Technology <i>robot vision</i> . |
| | | Technology power supporter motion | Development product tool transport dimension land. Development product tool transport dimension sea. Development of air transportation equipment products. Adoption of local knowledge and technology systems in developing mass transportation equipment products land, sea, And air. System technology local in develop land, sea and air transportation products Which friendly |
| | | Technology supporter Power thunder | Woman, child, And group prone to. Development product rocket. |
| | | Technology supporter defense | Development product handcuffs. Development product system weaponry. Development product Command, control, Communication, Computing, Integration, Observation, And Reconnaissance (K4IPP), especially radar, tool communication And satellite. Material product development. Development source Power defense. Development of a supporting social system defense And security based culture local |
| 7 | Material Advanced | Conflict handling through approach social culture | Which insightful <i>gender</i> And inclusion social. System defense based system knowledge And technology local. Identification values wisdom local in handling conflict. Adopt local wisdom values to handle things conflict. |
| | | Technology processing mineral strategic made from local raw Technology development material functional | Extraction And design get up factory metal land seldom. Development of <i>non-silicon</i> based solar cells . Processing ore mineral strategic local. Production polymer For application separation in industry. Material supporter <i>biosensors</i> And <i>chemosensory</i> . Development membrane. Development catalyst And biocatalyst (enzyme) For application in industry. Technological innovation in local building materials Technology extraction asphalt from rock experience (asphaltrock Buton). Development material <i>geopolymer</i> . Innovation technology material material building local. |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|--|---|
| | | Technology exploration potency material new | Design and exploration material pigment <i>absorber</i> . Supporter transformation material rubbish And processing waste. Supporter material structure. |
| | | Technology characterization materials and support industry | Characterization material based laser And optics. Characterization material biocompatible. Independence material standard magnet strong. Development material alloy. |
| 8 | Maritime | Technology sovereignty area 3T (Leading, outermost, Left behind) | Resilience social And strengthening economy coast. Sovereignty food public coast And island isolated. Management coast border from aspect <i>social security And prosperity</i> . Diversification and conservation of marine resources. Exploration And utilization source Power coast And sea. Technology development and island management- island small And coast. Development of the marine tourism industry. Development of the marine tourism industry in area 3T based wisdom local. System knowledge And technology local in preservation source Power sea And coast. |
| | | Technology conservation environment maritime | Conservation And rehabilitation ecosystem coast And sea. Zoning ecosystem And supporter area conservation sea. Ecosystem conservation and rehabilitation technology coast And sea based wisdom local Exploration values wisdom local in management and utilization of marine resources And coast. Health And service ecosystem coast And sea. |
| | | Technology strengthening infrastructure maritime | Mastery of deep sea SDE/SDA survey technology. Development technology vehicle coast, free beach, And sea in. Mastery technology communication, navigation, <i>security</i> , And <i>supervision</i> . Development of coastal infrastructure technology and free beach. Integration wisdom local in development infrastructure, communications and vehicle technology maritime. |
| | | Empowerment And enhancement participation Woman And | Revitalization wisdom local For endurance, family And preservation source Power marine. Participation of women, minority groups, and family For endurance, And diversification product |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|---|---|
| | | inclusion social in environment maritime. | <p>processing source Power marine.</p> <p>Participation Woman, And inclusion social in acceptance and utilization of marine tourism. Integration conservation environment maritime in gender- oriented education curriculum And inclusion social.</p> <p>Participation Woman in development, maintenance and strengthening of coastal infrastructure And free beach.</p> |
| 9 | Technological Disaster And management disaster geology | Technology And management disaster hydrometeorology | <p>Mitigation subtraction risk disaster geology.</p> <p>Prevention And preparedness responsive emergency geology.</p> <p>Rehabilitation And reconstruction geology.</p> <p>Regulations And culture aware disaster geology. Danger And vulnerability geology.</p> <p>Technology And application digital in management disaster geology.</p> <p>Exploration And adoption wisdom local as warning early disaster geology.</p> <p>Disaster risk reduction mitigation hydrometeorology.</p> <p>Prevention And preparedness, responsive emergency hydrometeorology.</p> <p>Hydrometeorological rehabilitation and reconstruction. Disaster awareness regulations and culture hydrometeorology.</p> <p>Danger And vulnerability disaster hydrometeorology.</p> <p>Technology And application digital in management disaster hydrometeorology.</p> <p>Exploration And adoption wisdom local as warning early hydrometeorological disaster</p> <p>Technology And management disaster fire land And forest.</p> <p>Prevention And preparedness responsive emergency fire land And forest.</p> <p>Rehabilitation And reconstruction fire land And forest.</p> <p>Regulations And culture aware disaster fire land And forest.</p> <p>Revitalization mark culture local And participation women for fire disaster prevention forest, field herding, And land productive.</p> <p>Danger and vulnerability of land fire disasters And forest.</p> <p>Exploration and adoption of local wisdom values management land And forest For prevent disaster fire</p> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|--|--|
| | | Technology and management disaster nature: earthquake, tsunami, flood bandang, land landslide, drought (drought), mountain erupted. | <u>Empowerment mitigation based community.</u> <u>Technology warning early disaster natural.</u> <u>Recovery life social, economic, and culture public post disaster.</u> <u>Development model And system information mitigation disaster.</u> <u>Mapping disaster as information system room region And design building.</u> <u>Exploration And adoption wisdom local as warning early disaster natural.</u> <u>Mitigation impact change climate.</u> |
| | | Mitigation, change climate and governance ecosystem | <u>Change cover land And Power support land.</u> <u>Contribution and role of forests in climate change.</u> <u>The resulting environmental management process change cover land And change climate.</u> <u>Exploration And adoption wisdom local in overcome change climate And manage forest.</u> <u>Study mapping health environment.</u> <u>Rehabilitation ecosystem.</u> |
| | | Technology And management environment | <u>Exploration friendly environment.</u> <u>Regulations And culture.</u> <u>Digital technology and applications in management disaster fire land And forest.</u> <u>Danger, vulnerability, risk And management disaster biology (including distribution disease, explosion insect, explosion population bird, fishetc.).</u> <u>Biotechnology environment.</u> <u>Bioremediation environment.</u> <u>Hazardous and toxic waste management.</u> <u>Adaptation environment to change climateand/or pollution.</u> <u>Analysis risk environment.</u> <u>Conservation of natural resources.</u> <u>Valuation source Power natural.</u> <u>Restoration damage environment.</u> <u>Solid, liquid and gas waste processing technology.System knowledge And technology local inmanage source Power natural For prevent damage environment.</u> <u>Development of policies or regulations regarding activity production And consumption Which pro environment.</u> |
| | | Disaster failure technology | <u>Dangers, vulnerabilities and risks of technological failure. Management disaster failure technology (including nuclear, construction modern, etc.).</u> |
| | | Disaster social | <u>Danger, vulnerability And risk disaster social</u> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|---|---|
| | | | (including damage social).Management disaster social. |
| | | | Wisdom local For prevent And overcomedisaster social. |
| | | Mitigation sustainable to disasternatural | Areas with high vulnerability to disaster natural. |
| | | | Evaluation intelligent to facility general which has awakened (<i>smart assessment on existing public facilities</i>). |
| | | | Preparedness public face disasternatural. |
| | | | Disaster And wisdom local. |
| | | Development And social reinforcement culture | Mitigation disaster natural based wisdom local. |
| 10 | Social Humanities, Art and culture, Education | | <i>Indigenous studies.</i> |
| | | | <i>Global village.</i> |
| | | | Identity, mobility, diversity, and multiculturalism Culture in efforts to prevent and handle consequence from violence, radicalism, violence based <i>gender</i> , children, ethnicity, religion, And identity other, as well as in effort develop prosperity and excellence performance. |
| | | | <i>Soft power diplomacy.</i> |
| | | | Communication public in era revolution technology information And communication. |
| | | | Governance and governance. |
| | | | Democracy, political, And election general.Connection international. |
| | | | <i>Corporate Social Responsibility (CSR).</i> |
| | | | Women in empowerment socio-cultural system For development inclusion And sustainable. |
| | | Sustainable mobility | <i>Urban planning.</i> |
| | | | <i>Urban transportation.</i> |
| | | | Mobility based on local knowledge and workers family For industry. |
| | | | Mobility person, mark, And goods as well as implications for the transformation of cultural values and behavior consumptive in era global. |
| | | | Mobility on public local And strategy look after environment origin And objective. |
| | | | Mobility for women and vulnerable groups as resilience in system And structure public in era global. |
| | | Strengthening capitalsocial | Reform agrarian. |
| | | | Alleviation poverty And independence food.Manipulation social And development rural. |
| | | | Capital social culture For prevention And |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|---|------------|--|
| | | | <p>handling the consequences of violence against women and child, resilience family, And community minority.</p> <p>Exploring local wisdom as social capital for resilience nation.</p> <p>Capital social Woman in resilience family, community, And public Which insightful justice <i>gender</i> , protection child, inclusion social, And sustainable.</p> |
| | Economics and resource man | | <p>Entrepreneurship, cooperative, And MSMEs.</p> <p>Woman in businessman, cooperative, And MSMEs based knowledge typical Woman.</p> <p>Art and culture supporter tourist.</p> <p><i>Grand design</i> riches intellectual local, legacy history, And its preservation in supports national character and tourism sustainable.</p> <p>Source Power man in scope organization industry.</p> <p>Woman as strength source Power man in development economy Which oriented towards <i>gender justice</i> , social inclusion, & sustainable.</p> <p>Strengthening capacity source Power man Which oriented on justice <i>gender</i> , inclusion social, And sustainable.</p> |
| | Mainstreaming <i>gender</i> in development | | <p>Patriarchy And domination social in development.</p> <p><i>Grand design</i> of knowledge local And based knowledge local Woman, man, child, community minority, community need special For creation Power competitive nation.</p> <p>Mapping, revitalization, And transformation knowledge And Skills based local knowledge to increase competitiveness economy nation insightful <i>gender</i> , inclusion social, And sustainable.</p> <p>Development system social Which push enhancement, distribution, And creation creative human resources face development sustainable.</p> <p>Education character And Empower competitive with an insight into <i>gender</i> justice , children, social inclusion Which sustainable.</p> <p>Exploration of local wisdom about the role of women in family And public.</p> <p>Manipulation social And system manage in development Which fair <i>gender</i> , inclusion social, And</p> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|---|------------|--|
| | | | sustainable. Leadership And transformation in system manage mainstreaming <i>gender</i> in development sustainable. |
| | Art, identity, culture, And character nation | | Art tradition And inheritance. Art ritual. Conservation art. Revitalization art. Art And Power competitive nation. Art And equality <i>gender</i> Art And ideology nation. Digital economy/ <i>smart</i> economy/creative economy. Diaspora and international migrant labor Indonesia. Cultivation of the main character's values. Improving the quality of teachers in strengthening education character. Integration of national character in the process learning. Partnership network of organizing institutions education. Formation identity through exploration history local in border. |
| | Exploration Art | | And diffusion technology art. Art and environment. Art And education. Art And life public. Art And development economy. Technology And media art. Development art based wisdom local. |
| | Technology Education | | education And learning. Management education. Source Power education (power educator And education). Equality <i>gender</i> And inclusion social in education. Results education and formation character nation. Internalization of local wisdom values learning. Development of school- based management wisdom local. Curriculum education character based wisdom local. |
| | Wisdom local | | Exploration wisdom local in Archipelago. Strategy preservation wisdom local. Exploration system government local as the basis |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|-------------------------------------|---|
| | | | <p>development system manage government modern.Values democracy based wisdom local.</p> <p>Social engineering and governance of local wisdom in resilience And Power competitive nation Which fair</p> <p><i>gender</i> , inclusion social, And continuity</p> <p>Local wisdom, creative work and national competitiveness <i>gender-</i> just national competitiveness , social inclusion, And continuity.</p> <p>Woman, wisdom local, And work creative And Power national competitiveness competitive nation Which fair</p> <p><i>gender</i> , inclusion social, And continuity.</p> |
| | | Tourist And Economy Creative | <p>Development tourist And economy creativebased wisdom local.</p> <p>Development ecotourism based wisdom local.Development tourist sustainable.</p> <p>Tourist virtual: readiness technology And period front.</p> <p>Development tourist creative.</p> <p>Creative economy in support development sustainable.</p> <p>Policies in encouraging the creative economy.</p> <p>Development tourist And economy creativebased wisdom local Which fair <i>gender</i> , inclusion social, And continuity</p> |

Attachment 3. Format *Files* Presentation Research result

Format *Files* Presentation (*PowerPoint*)Results Study

1. Presentation made in form *Power point*.
2. Time presentation maximum 5 minute.
3. All information written in a way short, congested And clear.
4. Amount *slides* maximum 5.
 - *Slides* 1 containing
 - Title activity.
 - Location activity.
 - Name proposer And member along with NIDN/NIDK.
 - Name partner (If There is).
 - Year implementation And college tall.
 - b. *Slides* 2 containing
 - Background behind, objective, And novelty study.
 - c. *Slides* 3 containing
 - Method And results main study.
 - d. *Slides* 4 containing
 - Outer in form publication (article, IPR, patent, publication media mass, book, etc).
 - Conclusion, suggestion And recommendation.
 - e. *Slides* 5 containing
 - Taking pictures activity study.
 - Photo results study.

Attachment 4. Format Videos Results Activity Study

Video Formats Results Study

1. On beginning impressions videos must load information as following:
 - a. title And scheme activity study;
 - b. Name chairman And member accompanied NIDN/NIDK;
 - c. Name college tall;
 - d. Name partner (If There is), And
 - e. year implementation.

2. Videos duration maximum 5 minute with provision as following:
 - a. include logos KEMDIKBUDRISTEK (as giver fund) And logosuniversity;
 - b. videos displays narrative background behind, objective, novelty study, And results study;
 - c. resolution videos minimum 720p with type videos *landscape* ;
 - d. videos made as interesting Possible.

3. Page *Google Drive* be delivered in report end activity.

Attachment 5. Description Level Readiness Technology (TKT)

TKT Type General And *Hard Engineering*

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 1 | Principle base from technology researched And reported. | <ol style="list-style-type: none"> 1. Basic assumptions and laws (ex. physics/chemistry) that will be used in (new) technology has determined. 2. Literature study (theory/empirical – previous research) about the basic principles of the technology to be developed; And 3. Formulation hypothesis research. |
| 2 | Formulation draft And/ or application formulation. | <ol style="list-style-type: none"> 1. Equipment and systems to be used, has identified. 2. Studies literature (theoretical/empirical) technology Which will developed possible For applied. 3. Design in a way theoretical And empirical has identified. 4. Elements base from technology Which will developed has is known. 5. Characterization component technology Which will developed has mastered And understood. 6. Performance of each constituent element technology Which will developed has predicted. 7. Analysis beginning show that function main Which needed can Work with Good. 8. Models and simulations to test the truth principle base. 9. Research analytic For test truth principle basically. 10. The technological components that will developed, separately can work with Good. 11. Equipment Which used must valid And <i>reliable</i> ; And 12. Is known stages experiment Which will done. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 3 | Proof draft function and/or characteristics important in a way analytical And experimental. | <ol style="list-style-type: none"> 1. Studies analytic support predictions performance element- element technology. 2. Characteristics/traits and performance capacity system base has identified And predicted. 3. Has done test laboratory For test appropriateness application technology the. 4. Model And simulation support predictions ability elements technology. 5. Development technology the with The first step is to use a mathematical model very possible And cansimulated. 6. Research laboratory For predict performance each element technology By theoretical, empirical and experiments have known the components component system technology the canWork with Good. 7. Research has been carried out in the laboratory withuse data <i>dummy</i> ; And 8. Scientifically feasible technology (analytical studies, model/ simulation, experiment). |
| 4 | Validate internal components/subsystems environment laboratory. | <ol style="list-style-type: none"> 1. <i>Test</i> laboratory components in a way separated has done. 2. Condition system For application according touser has is known (desire <i>adopters</i>). 3. Results test laboratory to the components show that component the can operate. 4. Test function main technology in environment Which relevant. 5. Laboratory-scale technology prototypes have been made. 6. Research integration component has started. 7. Process 'key' For its manufacturing has identified And studied in labs; And 8. Integration system technology And design get up scale lab has finished (<i>low fidelity</i>). |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 5 | Validate internal components/subsystems something environment Which relevant. | <ol style="list-style-type: none"> 1. Hardware production preparations have been completed done. 2. Research market (<i>marketing research</i>) And research laboratory For choose process fabrication. 3. Prototype has made. 4. Equipment And machine supporter has tested in laboratory. 5. System integration is completed with high accuracy (<i>high fidelity</i>), Ready tested on environment real/simulated. 6. Accuracy/ <i>fidelity</i> system prototype increase. 7. Laboratory conditions were modified so that similar with environment Which actually. 8. The production process has been reviewed by the department manufacture. |
| 6 | Demonstration model or prototype system/subsystem in something environment Which relevant. | <ol style="list-style-type: none"> 1. Actual operating environmental conditions has is known. 2. Need investment For equipment And process manufacturing identified. 3. M&S For performance system technology onenvironment operation. 4. Part manufacture/ manufacturing agree And accept results testing laboratory. 5. Prototype has tested with accuracy/ fidelity laboratory Which tall on simulation environment operational (Which Actually in outside lab). 6. Results test prove worthy in a way technical (<i>engineering feasibility</i>). |
| 7 | Demonstration prototype system in environment Actually. | <ol style="list-style-type: none"> 1. Equipment, process, method And design techniquehas identified. 2. Process And procedure fabrication equipment start tried out. 3. Process equipment and test equipment / Inspection is piloted in the environment production. 4. Draft picture design has complete. 5. Equipment, process, method And design techniquehas developed And start tried out. 6. Estimated cost calculations have been validated(<i>design to cost</i>). 7. Process fabrication in a way general has understoodwith Good. 8. Almost all function can walk in environment/conditions operation. 9. Prototype complete has demonstratedon simulation environment operational. 10. Prototype system has tested on trials |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| | | field. |
| | | 11. Ready For production beginning (<i>low rate initial production-lrip</i>). |
| 8 | System has complete And reliable through testing And demonstration in environment Actually. | <ol style="list-style-type: none"> 1. Form, suitability And function component compatible with system operation. 2. Machine And equipment has tested in environment production. 3. Diagram end finished made. 4. Process fabrication tried out on scalepilot (<i>pilot line or lrip</i>). 5. Test process fabrication show results And level productivity Which can accepted. 6. Test all over function done in simulation environment operation. 7. All materials/ materials and equipmentavailable For used in production. 8. System fulfil qualification through test And evaluation. 9. Ready For production scale full (capacityfull). |
| 9 | System truly tested/proven through success operation. | <ol style="list-style-type: none"> 1. Draft operational has truly canapplied. 2. Estimation investment technology Already made. 3. No There is change design Which significant. 4. The technology has been tested under conditionsActually. 5. Productivity on level stable. 6. All documentation has complete. 7. Production price estimates are compared <i>competitors</i> . 8. Technology competitors is known. |

TKT Type *Software*

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 1 | Principle base from technology researched And reported. | <ol style="list-style-type: none"> 1. Represents level Lowest from readiness technology device soft. 2. This is a new software domain currently explored by community research base. 3. Covers Also development from basic level usage, basic properties of architecture device soft, formulation mathematics, capable device concept realized, study of the basic principles of the device soft, principle scientific, formulation hypothesis research, And algorithm general. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 2 | Concept formulation and/or application technology. | <ol style="list-style-type: none"> 1. Once the basic principles are researched, move on making application Which nature practical. 2. Application nature speculative, And there is possibility No own proof or analysis detailed For support assumption Which there is/is done. 3. Examples are limited to analytical studies with use data synthetic (artificial). 4. User/ <i>customer</i> got it identified, application system or subsystem Already identified. 5. Studies appropriateness application device soft. 6. Solution design empirical nor theoretical Already identified. 7. Component technology is partially complete characterized. 8. Prediction performance every element Already made 9. Has done study impression/interest user/ <i>customer</i> to devicesoft. |
| 3 | Proof draft function and/or characteristics important analytically and _ experimental. | <ol style="list-style-type: none"> 1. There is initiation process study And development Which done in a way active. 2. Scientific feasibility demonstrated through studies analytic And laboratory; And 3. Covers Also development from environment function limited For validate critical properties and analytical predictions use: A. component device soft Which No integrated; And B. Part data Which represent. 4. Predict the capabilities of each technology element Already validated through study analytical. 5. <i>Outline</i> algorithm device soft available. 6. Prediction ability element technology Already validated through modeling And <i>simulation</i> . 7. Test laboratory Already can ensure appropriateness device soft. 8. User representatives can now be included in development device soft. 9. Appropriateness scientific here fully showed. 10. Mitigation risk has identified. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 4 | Module validation subsystem in environment laboratory. | <ol style="list-style-type: none"> 1. Component device soft base integrated Work in a way together. 2. Relatively primitive related with efficiency And reliability (<i>robustness</i>) compared to with system/product Finally. 3. Development architecture started with scope issues related interoperability, reliability, convenience maintenance, upgradeability, scalability, and security. 4. There is an effort to adapt to the elements (technology) current; And 5. Prototype Which There is developed For show aspect Which different on system/product Finally. 6. Issue “ <i>cross technology</i> ” (If There is) fully has identified. 7. Development architecture system device soft in a way formal started. 8. Document need user. 9. Algorithm has converted to <i>pseudocode</i>. 10. Analysis need data format has complete. 11. Software demonstration already _ done in environment simple. 12. Estimate size device soft. 13. Study integration started. 14. Draft design conceptual documented. |
| 5 | Validation module and/or subsystem in environment Which relevant. | <ol style="list-style-type: none"> 1. Represents level in where technology device soft Which developed Ready For integrated with system Which Already There is. 2. Prototype implementation that conforms to environment/interface. 3. Experiments were carried out on problem Which actually (<i>real</i>). 4. Simulating the interface of system Which Already There is. 5. Architecture software system finished; And 6. The algorithm runs on (multi) processors in operational environment with characteristics Which in accordance hope. 7. Influence “ <i>cross technology</i> ” (If There is) has identified And set through analysis 8. Need interface system is known. 9. Architecture device soft system Already set. 10. Analysis need interface internal has complete. 11. <i>Coding</i> function/module has complete. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | 12. Prototype has made. 13. Quality And reliability Already become consideration. 14. Environment laboratory Already modified approach environment operational. 15. management risk documented. 16. Function Already integrated in module-module. 17. <i>Drafts test and evaluation masters plans.</i> |
| 6 | Validate modules and/or sub systems in environment “ <i>end-to-end</i> ” (<i>end-to-end environment</i>) Whichrelevant. | 1. Represents level Where appropriateness manipulation from technology device soft showed; And 2. Covers Also implementation prototype laboratories with realistic problems scale full, Where technology device soft integrated in a way Partial with hardware/software of the existing systemThere is. 3. Validation characteristics measurement And performance “ <i>cross technology</i> ” has complete . 4. The level of quality and reliability has been achievedset. 5. Environment operational has is known. 6. M&S done For simulate performancesystem in environment operational. 7. <i>Test and evaluatioan master plan</i> Already final. 8. Analysis structure <i>databases</i> And interface has complete. 9. Limited software documentation already There is 10. Device soft version “ <i>alpha</i> ” released . |
| 7 | Demonstration prototype system in an operational environment or environment accuracy tall. | 1. Represents level Where appropriateness program from technology device soft showed; And 2. Covers Also implementation prototype environment operational, in where functionality risk technical Which nature critical features are available to demonstrate and test in condition technology device soft the integrated in a way Good with device hard/ soft from systemoperational. 3. System prototype Already built. 4. Algorithm Already walk on processor in environment operational. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | 5. Part big “ <i>bugs</i> ” device soft Already No There is. 6. Device soft version “beta” released . 7. Software manufacturing process general Already can understood. 8. Plan production has complete. |
| 8 | System in a way actual has complete And fulfil condition through testing And demonstration in environment operations/applications Actually. | 1. Represents level in where technology device soft integrated fully with device hard And soft from system operational. 2. Documentation development device soft complete; And 3. All function tested Good in scenario simulation nor operational. 4. Device soft in a way whole Already in- <i>debugged</i> . 5. Diagram architecture end has finished. |
| 9 | System truly tested/ proven through successuse operational. | 1. Represents level in where technology device soft the Ready For developed nor used in a wayrepeated (<i>rapid development / re-use</i>). 2. Device soft based technology Which fully integrated with the device hard/soft from system operational. 3. All software documentation has been verified. 4. Own experience success from side operational. 5. There is ongoing support for manipulation device soft; And 6. The system is actual (really exists andused). 7. Production device soft Already stable. 8. All documentation has complete. 9. Draft operational has implemented with success. |

TKT Type Agriculture/ Fishery/ Farm

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 1 | Principle base from something technology has researched. | 1. Formulation question research or hypothesis study Already There is. 2. Literature study of related basic principles study Already done; And 3. Way/method/process/product Which researched And will developed Already There is And own opportunity success. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 2 | Technology concepts and applications have been in formulate. | <ol style="list-style-type: none"> 1. Facilities and infrastructure that will be used has identified. 2. Validation of the results of the literature study has been carried out; And 3. Theoretical and empirical research design has identified. |
| 3 | Concepts and important characteristics of something technology has proven analytically And experimental. | <ol style="list-style-type: none"> 1. Design research Already arranged (methodology options, stages, and required data For study). 2. Theoretically, empirically and experimentally have been known and system components technology the can Work with Good; And 3. Technology has worthy in a way scientific (studies analytic, model/ simulation, experiment). |
| 4 | Technology components have been validated in environment laboratory. | <ol style="list-style-type: none"> 1. Test laboratory components in a way separated has done. 2. Performance from each component technology (way/method/process/product). will be developed and has shown results Which Good. 3. Test function main technology in environment Which relevant has held. 4. Laboratory-scale technology prototypes have been made. 5. Study integration component has started. 6. Analysis beginning show that function main Which needed can Work with Good; And 7. Integration component technology And design get up scale laboratory has tested (<i>low fidelity</i>). |
| 5 | Technology components have been validated in environment Which relevant. | <ol style="list-style-type: none"> 1. Technology prototype ready tested under conditions laboratory modified Which approach environment Which actually. 2. Accuracy/ <i>fidelity</i> increase. 3. Integration component technology has tested with accuracy tall (<i>high fidelity</i>). |
| 6 | Model or prototype has tested in environment Which relevant. | <ol style="list-style-type: none"> 1. The requirements of a technology are known (on condition optimal). 2. The technology has been tested with high accuracy on simulation environment operational with complete data (according to design or design research). 3. Results test prove worthy in a way technical (<i>engineering feasibility</i>); And 4. Draft analysis economy (estimation beginning appropriateness economy) already available. |

| NO | DEFINISI/STATUS | INDIKATOR |
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| 7 | The prototype has been tested in environment Actually. | <ol style="list-style-type: none"> 1. environmental conditions / actually for technology has is known. 2. Have been done test multi location technology scalefield. 3. Results test roomy show performance/ performance Which stable. 4. Results test multi location prove worthy in a way technology. 5. Need investment For process production has identified; And 6. Analysis appropriateness economy complete (resultsvalidation in environment Actually). |
| 8 | System technology has complete And fulfil condition (<i>qualified</i>). | <ol style="list-style-type: none"> 1. Picture prototype And details <i>engineering</i> equipment supporter has available. 2. Cultivation process with levels productivity Which desired has mastered. 3. Has done standardization technology; And 4. All material/ material And equipment For used in production has available. |
| 9 | Technology truly tested/ proven through successoperation. | <ol style="list-style-type: none"> 1. Draft application technology truly can applied. 2. Estimation investment technology Already made. 3. No There is change design Which significant. 4. Technology has tested on environment Actually. 5. Has fulfil certification Which needed; And 6. All documentation has complete. |

TKT Type Health–Products Vaccines/Biologicals

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 1 | Principle base from technology researched And reported. | <ol style="list-style-type: none"> 1. Studies literature scientific about principle base technology Which developed Already There is. 2. Survey beginning market has started And assessed. 3. Potency application scientific For solution problem has depicted. |
| 2 | Formulation draft and/or application formulation (intellectual intensive Which focus on the problem produces studies literature Which review And generate research ideas, hypotheses and design experiment related issues scientific). | <ol style="list-style-type: none"> 1. Hypothesis has formed. 2. Development design research Already There is. 3. Protocol research For test truth principle Already There is; And 4. Protocol Already reviewed by gathering paraexpert And Approved. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 3 | <p>Proof draft function And/ or characteristics important in a way analytical And experimental. Initiation <i>Proof of Concept</i> For development product vaccine depicted with limited research both <i>in vitro</i> nor <i>in Vivo</i> on animal model.</p> | <ol style="list-style-type: none"> 1. Studies analytic support predictions performance element- element technology Already There is. 2. Characteristics/traits and performance capacity system base has identified And predicted. 3. Has done test laboratory in a way in vitro; And 4. Has done test laboratory in a way <i>in Vivo</i> on animal model. |
| 4 | <p>Validate internal components/subsystems environment laboratory. Basic components of technology integrated to show that technology will work together. Moment This is <i>low fidelity</i> (still possible errors) when compared with technology original. Example addition tool <i>ad hoc</i> in Laboratory. Study laboratory non GLP done For define hypothesis And identify data-data Which relevant Which required for technology assessment of design experimental Which accurate. An exploratory study of technological criticality For its effectiveness integration to in biologic/vaccine candidates (pH, <i>adjuvants</i> , <i>stabilizer</i> , preservative, <i>buffers</i> , method giving, method purification Which proposed, characterization chemistry And physics, results metabolites And excretion/elimination, <i>dose ranging</i> , test challenge (For protection). candidate biologics/vaccines Already tested on animal models to see potential, biological effects, safety, side effects And toxicity. <i>Markers</i> marker For determine <i>end point</i> on preclinical nor test clinical Already identified.</p> | <ol style="list-style-type: none"> 1. Prototype scale Lab has generated. 2. Prototype scale Lab <i>Good Laboratory Practice</i> (GLP) has generated For material test Preclinical. 3. 'key' process for production has been identified And studied in lab. 4. Integration system technology And design get up scale lab has finished (<i>low fidelity</i>). 5. <i>Target Product Profile</i> (TPP) has been determined consists from description preparation, content preparation, indication, dose, <i>dose ranging</i> , method giving, efficacy, effect side Which possible, type preparation; And 6. Initial preclinical tests include safety tests and efficacy of a biologic/vaccine candidate has depicted And defined in animal model. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 5 | <p>Validation components/subsystems in a relevant environment. Period intensive studies non clinical And preclinical done involve data parametric And analysis done on system Which validated, And production pilot scale of the candidate biologics/vaccines. Research results show test potency Which in accordance, proposal production Which will fulfil GMP rules on a pilot scale , identification And proof PoC on animal test can predict test in man, through <i>markers</i> Which in accordance. Do GLP test toxicity on animal test, set <i>markers</i> For predictions test clinical in man, as well as prove immunogenicity And potency, as well as PK And PD And initiation from studies stability preparation.</p> | <ol style="list-style-type: none"> 1. Preparation production And facility GMP. 2. Production biology/vaccines scale pilot has designed And done. 3. The master formula for biological preparations/vaccines has been reviewed by <i>quality assurance</i> And fulfil rule GMP. 4. Preclinical testing for safety, immunology/activity biology And efficacy preparation GLP has done. 5. Design test clinical on man Already made and registered with the POM based on test preclinical. 6. Stability test design and limited stability test has done. |
| 6 | <p>Demonstration model or prototype system/subsystem in something environment Which relevant. Discussion pre-IND Already started to Body POM And document Already prepared And entered, Phase 1 CT has done on amount participants were small and subjects were controlled And evaluated exists symptom clinical intensively. Immunogenicity data And or pharmacokinetics And pharmacodynamics are readily available for predictions CT phase 2 in man.</p> | <ol style="list-style-type: none"> 1. Phase 1 clinical trials in humans with numbers limited Already done And fulfil condition security And show results <i>immunogenicity</i> and <i>pharmacokinetics</i> (PK) and expected <i>pharmacodynamics</i> (PD); And 2. Data results test clinical 1 Which support arranged protocol test clinical phase. |
| 7 | <p>Demonstration prototype system in environment Actually. Test CT phase 2 For evaluate security And immunogenicity as well as activity biology is done. Final product dosage, <i>dose ranging</i> , method And time giving Already set from results PK/PD. Data results CT phase 2 documented and reported to Director General of POM for phase CT test preparation 3 (<i>efficacy</i>). Point end sutu test clinical And the <i>marker</i> is set at the top agreement Body POM.</p> | <ol style="list-style-type: none"> 1. Test clinical phase 2 in man Already held. 2. Data dose product, dose <i>ranging</i> , method and time of administration as well as pk and pd data serve as the basis for compiling test protocols clinical phase 3 has There is. 3. A phase 3 clinical trial protocol has been created and submitted to Body POM. 4. Has done <i>scaling up</i> process to scale commercial according to requirements GMP; 5. Process validation at production scale has been carried out done; And 6. Production facilities and space to scale production Which fulfil GMP has prepared. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 8 | Complete and reliable through testing And demonstration in environment Actually. Results test CT phase 3 fulfil condition security And efficacy from candidate biologics/vaccines. Process validation has been met, and studies reproducibility/ consistency Already done. Pre-registration Already be delivered to Body POM. | <ol style="list-style-type: none"> 1. Agreement registration from Body POM. 2. Drafting <i>dossier</i> has started related <i>chemical data</i> , <i>materials</i> and <i>control</i> , facilities, building, power work, etc. 3. Facility production has Approved by Body POM. 4. Test clinical phase 3 fulfil condition. 5. Dossier has registered to Body POM;And 6. Product has registered to body POM. |
| 9 | System truly tested/proven through successful operations. Biologics/vaskin Already can distributed and marketed. <i>Post marketing studies</i> were designed after existing agreement with Body POM And did it <i>post marketing surveillance</i> (PMS). <i>Surveillance</i> done Keep going continuously. | <ol style="list-style-type: none"> 1. Routine production of biological products/vaccines has been done. 2. Distribution And marketing product biology/vaccines has done. 3. Protocol PMS on product biology And animal Already made And submitted to BodyPOM; And 4. PMS has held. |

TKT Type Health – Product Tool Health

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 1 | Proof of principle base technology(<i>basic principles report</i>). | <ol style="list-style-type: none"> 1. Level Lowest readiness technology. 2. Explanation theoretical principle base technology. 3. Survey beginning utility technology. 4. Study draft base theory scientific Which underlying technology tool health related. 5. Formulation of basic concepts and proof in a way theoretical; And 6. Overview literature scientific related principle- principle base technology. |
| 2 | Technology concept formulation (<i>technology concept formulation</i>). | <ol style="list-style-type: none"> 1. Formulate topics study, compile hypothesis, And plan design experiment For find technology-based problem solutions related. 2. Drafting hypotheses scientific. Preparation of research plans and protocols get review And agreement; And 3. Through literature reviews and discussions scientific, arranged plan study And studies to identify potential and opportunities target therapy. Documented in form protocol or plan study Which get review And agreement. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 3 | Study For prove draft technology (<i>Research of Technology Concept</i>). | <ol style="list-style-type: none"> 1. Study base, collection And analysis data experiment, For test hypothesis compiled. Examining alternative concepts, And identify as well as evaluate component technology. 2. Testing beginning to draft designAnd evaluation various alternative. 3. verification , specification determination component. 4. Proof beginning truth draft (<i>proof-of-concept</i>) medical device technology on amount limited And model laboratory; And 5. Documentation results test scale laboratory that provides initial evidence truth draft technology tool health. |
| 4 | Validation component and/or sequence system scale laboratory (<i>validation components in laboratories</i>). | <ol style="list-style-type: none"> 1. Test And testing scale model laboratory For evaluate And assess the level of safety, side effects And effectiveness. 2. Drafting procedure And method Which used in studies non clinical And clinical; 3. Proof truth draft (<i>proof-of-concept</i>) technology and level of security; And 4. Publication (<i>peer-reviewed</i>) data proof truth draft technology And level security. |
| 5 | Prototype Scale Laboratory (<i>Lab Scale Prototype</i>). | <ol style="list-style-type: none"> 1. Determination classification (class 1, 2 or 3) prototype tool health based on equality with tool health Which Already There is. 2. Scale prototype security level testing lab based on standard Which applies (for example: iec60601). 3. Testing validation prototype scale lab about effectiveness and side effects, as well disturbance towards/from equipment other (For tool health class 1-2); And 4. Proof level security And effectiveness prototype scale lab. |
| 6 | Prototype scale industry (<i>industrialscale prototype</i>). | <ol style="list-style-type: none"> 1. Industrial scale prototype validation testing on a limited amount of effectiveness and side effects, as well as interference with/from other equipment. (for class 1- 2). 2. Testing clinical phase 1 prototype scale industry to determine the level of security And effectiveness on amount limited (For |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | tool class health 3); And |
| | | 3. Proof level security And effectiveness prototype scale industry on amount limited. |
| 7 | Testing field prototype scale industry. | 1. Industrial scale prototype validation testing on amount big For ensure effectiveness and reduces side effects, as well as prevent disturbance towards/from equipment other (For tool health class 1-2). 2. Testing clinical phase 2 prototype scale industry to ensure the level of effectiveness on amount more big (For tool health class 3). |
| 8 | Prototype complete tested. | 1. Testing validation prototype scale industry on larger quantities to be sure effectiveness And complete data Which required. (For tool health class 1-2). 2. Testing clinical phase 3 prototype scale industry For ensure level effectiveness on amount more more wide (For tool health class 3). 3. Certification and standardization, as well as submission licensing required; And 4. Proof level security And effectiveness prototype scale industry on amount more big. |
| 9 | Prototype tested And certified. | 1. Tool health can distributed And marketed after obtaining permits Which required. 2. Service preparation and after-sales supervisionsell; And 3. Strategy marketing And supervision fullsell. |

TKT Type Pharmacy

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 1 | Principle base from technology researchedAnd reported. | 1. Review And evaluation invention scientific as foundation for classification technology new. 2. Has done survey beginning about <i>markets</i> And the assessment; And 3. Has there is an explanation about scientific applicationsWhich potential For problems Which has determined. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 2 | Formulation draft And/ or application formulation. Intellectual focus on problem, Which produce study to publication scientific which reviews and brings up research ideas, hypotheses and designs experiment connection discourse scientific related. | <ol style="list-style-type: none"> 1. Has it produces hypothesis. 2. Has developed, reviewed And he agreed <i>research plans</i> And or <i>research protocols</i>. |
| 3 | Proof of concept of function and/or analytically important characteristics And experimental. Done synthesis beginning drug candidate, identification location And mechanism it works And characterization beginning to drug candidate in studies preclinical. | <ol style="list-style-type: none"> 1. It has been done and proven <i>proof of initial concept</i> as drug candidate in <i>in vitro</i> and <i>in vivo</i> research models in number limited; And 2. Basic research and data collection have begun And analysis For test hypothesis, explore draft alternative And identify and evaluate technology Which support development drug. |
| 4 | Component/subsystem validation in environment laboratory. | <ol style="list-style-type: none"> 1. Research done in laboratory non GLP (<i>Good Laboratory Practice</i>) in something design test Which strict (condition worst). 2. Exploratory research on candidate drugs has been carried out (i.e. formulation, drug administration method, method synthesis, physical and chemical properties, metabolic pathways and excretion or removal from the body, and measurement dose usage). 3. Candidate drug testing has been carried out on animal model For identify And assess its potential safety and toxicity, incompatibility, And effect side; And 4. Has done And proved it <i>proof of concept</i> (proof of concept) and formulation safety candidate drug on scale laboratory or on animal model Which set. |
| 5 | Component/subsystem validation in something environment Which relevant. | <ol style="list-style-type: none"> 1. Achieved points decision Where confirmed there is sufficient data regarding the candidate drug in draft technical data packages For support continuation process with preparation application <i>Investigational NewDrugs</i> (IND). 2. Non-clinical and clinical research has been carried out strict covers collection data parameter and analysis in the formulated method well with the pilot lot (the prototype validated) drug candidate. 3. Results research use pilot lots give base For process production Which meet CGMP (<i>Current Good Manufacturing). Practice</i>) — <i>compliant pilot lots production</i>. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | <ol style="list-style-type: none"> 4. Has did it study security And toxicity in a way GLP use animalmodel. 5. Has done identification <i>endpoints</i> efficacy clinical (<i>clinical efficacy</i>) or his <i>surrogate</i> . 6. Has done study For evaluate pharmacokinetics And pharmacodynamics drug candidate; And 7. Has started research stability. |
| 6 | Demonstration of a model or prototype system/subsystem in something environment Which relevant. | <ol style="list-style-type: none"> 1. Phase 1 clinical trials were carried out to prove it safety of candidate drugs in humans in amount small And in supervision Which heart-heart And monitored condition clinical. 2. Application IND prepared And submitted (<i>submitted</i>). 3. Technology production proven through qualification facility CGMP; And 4. Results from test Phase 1 has done And fulfil condition security clinical And support process to clinical trial Phase 2. |
| 7 | Deep system prototype demonstration environment Actually. | <ol style="list-style-type: none"> 1. Test clinical Phase 2 has done For prove efficacy beginning And For get data security And toxicity more carry on. 2. Plan research clinical Phase 3 or plan <i>surrogate test</i> has Approved. 3. Activity product (that is proof beginning efficacy) has determined. 4. Has determined dose product end, range dosage, schedule, method of administration, proven (established) from pharmacokinetic and pharmacodynamic data in a way clinical; And 5. Has done <i>scaling up</i> process For scale commercial Which fulfil condition GMP. |
| 8 | Complete And reliable through deep testing and demonstration environment Actually. | <ol style="list-style-type: none"> 1. Process validation has been completed and followed with test <i>lot consistency</i> (consistency product end). 2. An expanded phase 3 clinical trial has been carried out or <i>surrogate test</i> For gather information related to the safety and effectiveness of drugs candidate. Testing done For evaluate whole <i>risk-benefit</i> of giving drug candidate And For give base Which Enough For giving label drug (<i>drugs labelling</i>). 3. Dossier prepared And submitted to BPOM. 4. Agreement <i>dossier</i> For drug by BPOM; And 5. Commercial scale production facilities already exist and has inspected BPOM. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 9 | System truly tested/proven through success operation. | <ol style="list-style-type: none"> 1. <i>Pharmaceuticals</i> (drug) or tool medical has distributed/marketed; And 2. Has done research And supervision <i>post-marketing</i> (non-clinical nor clinical). |

TKT Type Social Humanities and Education

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 1 | basic principles of research have been observed And reported. | <ol style="list-style-type: none"> 1. The background and objectives of R&D have been defined. 2. There is an R&D question (<i>question research</i>). want to is known or answered. 3. Fact And argument base Which relevant And support necessity done R&D; And 4. R&D is needed to support policy government, knowing the phenomenon or solution problem, etc. |
| 2 | Support data beginning, hypothesis, design & procedure R&D has explored. | <ol style="list-style-type: none"> 1. Hypothesis R&D has arranged. 2. Preliminary data support the R&D question Which want to answered. 3. Design R&D (<i>research design</i>) Which will done has explored (determination <i>topics</i> data, preparation questionnaire, theme FGD, etc.); And 4. Alternative methodology, procedure And stages Which will done has explored. |
| 3 | Design And methodology study arranged Complete. | <ol style="list-style-type: none"> 1. Design methodology Which used For answer question study has arranged. 2. Design determination <i>sampling</i> , and/or collection need data And technique collection data has arranged. 3. Adequacy And completeness data has set. 4. Evaluation technical And predictions results has done. 5. Scenarios and alternatives for data completeness has arranged; And 6. Design R&D has Complete. |
| 4 | Data collection, validation on environment simulation or example /activity R&D. | <ol style="list-style-type: none"> 1. Collection data primary has held (questionnaire/ FGD/ or in form other). 2. Validation to ensure the data obtained relevant And related has held. 3. Support data secondary can complete data beginning Which has obtained previously; And 4. Data Which There is tested validity And its reliability. Data and system reliability is (relatively) still low compared to with system Which expected. |
| 5 | Completeness And Analysis Data on Environment Simulation/ Activity R&D. | <ol style="list-style-type: none"> 1. Reliability data has increase significant. 2. The data is sufficient and meets the requirements for analysis advanced. 3. Analysis beginning with data Which complete has |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| | | <p>done.</p> <p>4. Data integrated For analysis taking conclusion; And</p> <p>5. Report Progress (analysis introduction has produced) and design <i>output</i> has been prepared.</p> |
| 6 | Results R&D important And significant For supporter decision And policy. | <p>1. Report (conclusion of the analysis has been generated) has arranged.</p> <p>2. Results/ <i>output</i> R&D Social Humanities And Education (making recommendation/ <i>policy briefs</i> And other) has finished made.</p> <p>3. Design recommendation (alternative regulations, policy or intervention government) has generated.</p> <p>4. List of parties related to regulations/policies/ intervention Which recommended has is known.</p> <p>5. Communication beginning with party related (internal external) start done; And</p> <p>6. Letter Introduction delivery results/ <i>output</i> R&D has prepared.</p> |
| 7 | Utilization of R&D results for repair policy And system manage. | <p>1. Letter Introduction And results/ <i>output</i> R&D (recommendations/conclusions/alternatives) have be delivered to party related.</p> <p>2. Proof of <i>receipt of</i> R&D results/ <i>output</i> by party related.</p> <p>3. Results/ <i>output</i> R&D Which be delivered become reference And information for party related.</p> <p>4. Part or several R&D results/ <i>outputs</i> what is conveyed becomes the basis/consideration For repair application results R&D non Social Humanities, and Education or strategy utilization And application the result.</p> <p>5. Part or a number of results/ <i>output</i> R&D what is conveyed becomes the basis/consideration For regulations/ policy or intervention government; And</p> <p>6. There was intensive communication with related parties about results/ <i>output</i> R&D.</p> |
| 8 | Support For regulations And policy related aspect social humanities And education. | <p>1. Part big (more half) results/ <i>output</i> R&D Social Humanities And Education become basic consideration For repair application of non-Social Humanities R&D results and Education or utilization strategies and application the result.</p> <p>2. Part big (more half) results/ <i>output</i> Social Humanities and Education R&D be delivered become base/ consideration For regulations/policies or intervention government.</p> <p>3. There was (intensive) communication with related parties about results/ <i>output</i> R&D And follow he continued;</p> |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | And 4. Proof (<i>evidence</i>) has utilized it results / <i>output</i> R&D by party related. |
| 9 | Contribution policy Which recommended for repair condition development. | 1. Recommendation results R&D give contribution in repair results R&D non Social Humanities And its implementation. 2. Recommendation results R&D give contribution in repair element social economy public. 3. Results R&D And recommendation truly has succeed repair condition social economy. |

TKT Type Art

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 1 | Principle base from art has observed And reported. | 1. Background behind And formulation problem has identified. 2. R&D questions (<i>research/creative question</i>) Which Already is known or answered For get findings. 3. Objective R&D has defined with see formulation problem R&D. 4. Identification problem has done For get base thinking as approach. 5. Research/ design/ approach creation/ viewing has set. 6. Relevant empirical facts and basic arguments And support necessity has done R&D. 7. Has There is studies literature, theoretical/empirical research previous become base R&D. 8. Has There is method/ method/ process Which researched/created/ applied And will developed as well as own opportunity success. |
| 2 | Draft and/or application form art formulated And has explored. | 1. Principle base R&D has explored. 2. Has There is principle base R&D Which nature qualitative, unique, particularism (facts, information), interpretation meaning, And narrative-descriptive. 3. Design R&D (<i>research design</i>) has communicated with <i>focused groups discussion</i> (FGD) (special creation art And topic specific research) that refers to the chart flow creative, productive, And distributive. 4. Elements base art, that is form (<i>appearance</i>), weight (<i>content</i>), And appearance has set. 5. Characteristics elements aesthetics has mastered And understood. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| | | <ol style="list-style-type: none"> 6. Alternative methodology, procedure And stages Which will done has explored. 7. There are already models and simulations of the creative process for creation art Which can determine results. 8. Analysis has been carried out to test the truth principle base creation. |
| 3 | <p>methodology / design/ creation/ viewing arranged in a way complete.</p> | <ol style="list-style-type: none"> 1. methodology / design/ creation/ viewing Which used For answer research questions and inquiries creative planning/ creation/ viewing has been prepared, and uses the SMART method: S (<i>specific</i>), M (<i>measurable</i>), A (<i>achievable / can reachable</i>), R (<i>reasonable / reasonable</i>), And Q (<i>timeable / scheduled</i>). 2. Arguments have been prepared for the questions research and creative questions design/ creation/display that is designed accordingly with source creation art and/or collection need And technique collection data. 3. Identification problem study/ planning/ creation/viewing has been set for determine base theory or base thinking. 4. Research/ design/ approach creation/ viewing has mastered And understood. 5. Characterization of aesthetic components and elements the culture to be developed has been mastered And understood. 6. Data Enough And complete. 7. Evaluation technical process creative study/ planning/ creation/ viewing. 8. Design study/ planning/ creation/ viewing in a way theoretical And empirical has identified And set. 1. Basic components of the creation method and process integrated work together and sustainable. |
| 4 | <p>Implementation of the creative process of work studio or environment laboratory in developer bangan prototype work art.</p> | <ol style="list-style-type: none"> 2. Originality And uniqueness product art enrich identity personality national. 3. Prototype Which generated in scale studio. 4. Already done test try For get evaluation or critics from circles observer Which competent. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 5 | Validation prototype/ product/ work art scale studio (<i>studio scale prototype</i>). | <ol style="list-style-type: none"> 1. Has determined category prototype work art based on equality with work art kind. 2. A scale prototype has been developed studio as part from innovation And actualizationstyle art. 3. Testing of the level of representation has been carried out studio scale prototype based on that standard applies in a way national And international. 4. Scale prototype validation testing has been carried out studio uses the prevailing aesthetic on moment That. |
| 6 | Testing field prototype/ product/ work art scale studio. | <ol style="list-style-type: none"> 1. Studio scale prototype validation testing becomes strategic part of the socialization of arts and culture products related with strength Power competitive. 2. Testing prototype scale studio For determine the level of trust or satisfaction public to quality product. 3. Proving the level of trust or satisfaction public and commercial-scale prototype effectiveness on amount limited. 4. Prototype has tested with accuracy/fidelity studio/ high laboratory on simulation public as base social. 5. Analyzing studio trials have been carried out technical and financial feasibility in business creative. |
| 7 | Testing field prototype/ product/ work art Which Already implemented in public. | <ol style="list-style-type: none"> 1. Prototype validation testing at an exhibition/ National level performances/screenings followed minimum 3 province. 2. Has done testing prototype For ensure the level of effectiveness in larger quantities big level national. 3. The specifications of the artwork have had an edge comparative And competitive. |
| 8 | Results product/ work art has complete tested on environment actually. | <ol style="list-style-type: none"> 1. Validation testing of artwork results on a exhibition/ show/ viewing level international (Which followed minimum 3 country). 2. Has done analysis appropriateness economy. 3. Has start done process certification And standardization For guard quality as well as program exhibition/performance/ displayrequired. 4. It has been proven the level of popularity and effectiveness results work art on exhibition/ show/ viewing. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 9 | Results product/work art tested Andcertified. | 1. Results work art has accepted in a way national Andinternational through process curatorial. 2. Document certification Already complete. 3. Estimate price of work art Already determined. |

Attachment 6. Format Substance Proposals Study

Appendix 6.1. Basic Research Proposal Substance Format (Fundamental Research, Collaborative Research, Postgraduate Research, Beginner Lecturer Research, Studies Policy Strategic)



Stuffing Substance Proposals

SCHEME STUDY BASE

Instructions: Applicants are only permitted to fill in the space provided accordingly with instructions for filling in and no modifications to *the template* or deletion in every part.

TITLE

Tuliskan Judul Usulan

..... etc.

SUMMARY

Ringkasan penelitian tidak lebih dari 300 kata yang berisi urgensi, tujuan, dan luaran yang ditargetkan.

..... etc.

SAY KEY

Kata kunci maksimal 5 kata

keyword_1; keyword2;etc.

INTRODUCTION

Penelitian Dasar merupakan riset yang memuat temuan baru atau pengembangan ilmu pengetahuan dari kegiatan riset yang terdiri dari tahapan penentuan asumsi dan dasar hukum yang akan digunakan, formulasi konsep dan/ atau aplikasi formulasi dan pembuktian konsep fungsi dan/ atau karakteristik penting secara analitis dan eksperimental.

Pendahuluan penelitian tidak lebih dari 1.000 kata yang terdiri dari:

- A. Latar belakang dan rumusan permasalahan yang akan diteliti.
- B. Pendekatan pemecahan masalah.
- C. *State of the art* dan kebaruan.
- D. Peta jalan (*roadmap*) penelitian 5 tahun ke depan (jika dalam bentuk konsorsium harus dilengkapi dengan *roadmap* penelitian konsorsium).

..... etc.

METHOD

Metode atau cara untuk mencapai tujuan yang telah ditetapkan ditulis tidak melebihi 1.000 kata. Bagian ini dapat dilengkapi dengan diagram alir penelitian yang menggambarkan apa yang sudah dilaksanakan dan yang akan dikerjakan selama waktu yang diusulkan. Format diagram alir dapat berupa *file* JPG/PNG. Metode penelitian harus dibuat secara utuh dengan penahapan yang

jelas, mulai dari awal bagaimana proses dan luarannya, dan indikator capaian yang ditargetkan yang tercermin dalam Rencana Anggaran Biaya (RAB).

.....
 etc.

TIMETABLE STUDY

Jadwal penelitian disusun berdasarkan pelaksanaan penelitian.

Year number 1

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year 2nd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year the 3rd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

LIST REFERENCES

Sitasi disusun dan ditulis berdasarkan sistem nomor sesuai dengan urutan pengutipan, mengikuti format *Vancouver*. Hanya pustaka yang disitasi pada usulan penelitian yang dicantumkan dalam Daftar Pustaka.

- [1]
- [2]
- [3] etc.

Attachment 6.2. Format Substance Proposals Study Applied



Stuffing Substance Proposals

SCHEME STUDY APPLIED

Instructions: Applicants are only permitted to fill in the space provided accordingly with instructions for filling in and no modifications to *the template* or deletion in every part.

TITLE

Tuliskan Judul Usulan

..... etc.

SUMMARY

Ringkasan penelitian tidak lebih dari 300 kata yang berisi urgensi, tujuan, dan luaran yang ditargetkan.

..... etc.

SAY KEY

Kata kunci maksimal 5 kata

keyword_1; keyword2;etc.

INTRODUCTION

Penelitian Terapan merupakan kegiatan riset yang memuat prototipe riset dan pengembangan atau rekomendasi kebijakan, proposal, konsep, model dan indeks yang meliputi tahapan validasi komponen/ subsistem dalam lingkungan laboratorium, validasi komponen/ subsistem dalam suatu lingkungan yang relevan, demonstrasi model atau prototipe sistem/ subsistem dalam suatu lingkungan yang relevan atau karya monumental.

Pendahuluan penelitian tidak lebih dari 1.500 kata yang terdiri dari:

1. Jalur prototipe, naskah kebijakan atau karya monumental
 - A. Latar belakang dan rumusan permasalahan yang akan diteliti.
 - B. Pendekatan pemecahan masalah.
 - C. *State of the art* dan kebaruan.
 - D. Penjelasan capaian riset sebelumnya berupa paten atau karya monumental.
 - E. Peta jalan (*roadmap*) penelitian sebelumnya hingga setidaknya 5 tahun ke depan.
2. Jalur kepakaran
 - A. Latar belakang dan rumusan permasalahan yang akan diteliti.
 - B. Pendekatan pemecahan masalah.
 - C. *State of the art* dan kebaruan.
 - D. Deskripsi kepakaran (jurnal bereputasi, kekayaan intelektual, jejaring nasional/ internasional, sarana prasarana dan tim periset).
 - E. Peta jalan (*roadmap*) penelitian sebelumnya hingga setidaknya 5 tahun ke depan.

..... etc.

METHOD

Metode atau cara untuk mencapai tujuan yang telah ditetapkan ditulis tidak melebihi 1.000 kata. Bagian ini dapat dilengkapi dengan diagram alir penelitian yang menggambarkan apa yang sudah dilaksanakan dan yang akan dikerjakan selama waktu yang diusulkan. Format diagram alir dapat berupa *file* JPG/PNG. Metode penelitian harus dibuat secara utuh dengan penahapan yang jelas, mulai dari awal bagaimana proses dan luarannya, dan indikator capaian yang ditargetkan yang tercermin dalam Rencana Anggaran Biaya (RAB).

.....
 etc.

TIMETABLE STUDY

Jadwal penelitian disusun berdasarkan pelaksanaan penelitian.

Year number 1

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year 2nd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year the 3rd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

LIST REFERENCES

Sitasi disusun dan ditulis berdasarkan sistem nomor sesuai dengan urutan pengutipan, mengikuti format *Vancouver*. Hanya pustaka yang disitasi pada usulan penelitian yang dicantumkan dalam Daftar Pustaka.

- [1]
 [2]
 [3] etc.

Attachment 6.3. Format Substance Proposals Study Development



Stuffing Substance Proposals **SCHEME STUDY DEVELOPMENT**

Instructions: Applicants are only permitted to fill in the space provided accordingly with instructions for filling in and no modifications to *the template* or deletion in every part.

TITLE

Tuliskan Judul Usulan

..... etc.

SUMMARY

Ringkasan penelitian tidak lebih dari 300 kata yang berisi urgensi, tujuan, dan luaran yang ditargetkan.

..... etc.

SAY KEY

Kata kunci maksimal 5 kata

keyword_1; keyword2;etc.

INTRODUCTION

Penelitian Pengembangan merupakan kegiatan riset dan pengembangan yang memuat prototipe laik industri atau pengujian proporsi, model, dan konsep dari kegiatan riset yang terdiri dari tahapan demonstrasi prototipe sistem dalam lingkungan sebenarnya, sistem telah lengkap dan handal melalui pengujian dan demonstrasi dalam lingkungan sebenarnya, dan sistem benar-benar teruji/terbukti melalui keberhasilan pengoperasian.

Pendahuluan penelitian tidak lebih dari 1.500 kata yang terdiri dari:

- A. Latar belakang dan rumusan permasalahan yang akan diteliti.
- B. Pendekatan pemecahan masalah.
- C. *State of the art* dan kebaruan.
- D. Penjelasan capaian riset sebelumnya berupa paten atau karya monumental.
- E. Peta jalan (*roadmap*) penelitian sebelumnya hingga setidaknya 5 tahun ke depan.
- F. Deskripsi mitra, rekam jejak kemitraan, dan kontribusinya dalam penelitian.

..... etc.

METHOD

Metode atau cara untuk mencapai tujuan yang telah ditetapkan ditulis tidak melebihi 1.000 kata. Bagian ini dapat dilengkapi dengan diagram alir penelitian yang menggambarkan apa yang sudah dilaksanakan dan yang akan dikerjakan selama waktu yang diusulkan. Format diagram alir dapat berupa *file* JPG/PNG. Metode penelitian harus dibuat secara utuh dengan penahapan yang

jelas, mulai dari awal bagaimana proses dan luarannya, dan indikator capaian yang ditargetkan yang tercermin dalam Rencana Anggaran Biaya (RAB).

.....
 etc.

TIMETABLE STUDY

Jadwal penelitian disusun berdasarkan pelaksanaan penelitian.

Year number 1

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year 2nd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year the 3rd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

LIST REFERENCES

Sitasi disusun dan ditulis berdasarkan sistem nomor sesuai dengan urutan pengutipan, mengikuti format *Vancouver*. Hanya pustaka yang disitasi pada usulan penelitian yang dicantumkan dalam Daftar Pustaka.

- [1]
- [2]
- [3] etc.

Attachment 7. Criteria Stages Outer Study And Validity Evaluation Outer Attachment

7.1. SCHEME STUDY BASE

A. Outer Must Program Study Fundamentals

A1. One article in journal international Which indexed on *databases* reputable with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | |
|---|--------------------------------------|------------------------------------|------------------|---|--|---|--|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal international | Articles in journals international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | There is/ available There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/WoS | <i>Softcopy</i> article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included international articles indexed reputable • Article cannot be traced from the URL Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with the topic study |

A2. One article in journal national accredited SYNTA 1 or 2 with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | outer | | |
|---|---------------------------------|-------------------------------|------------------|--|--|---|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal national | Articles in journals national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | There is/ available There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>database</i>s reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included indexed national articles reputable • Article No can be traced from that URL given • Year <i>published</i> before period study • Substance article not appropriate to the topic study |

A3. One book results study has an ISBN in form print

| Transaction outer on Validation/assessment proposal | | | | | | | | outer |
|---|----------------------------|---|--|---|---|---|---|---|
| Year | Category Outer | Type Status Output | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Printed book Results Study | <ul style="list-style-type: none"> Published Books Reference/ ISBN Monograph Book Teach | <ul style="list-style-type: none"> Letter Information rising from publisher And mention amount copy | <p>There is/ available</p> <hr/> <p>There is/ available</p> | <ul style="list-style-type: none"> There is ISBN Already Published (there is a letter information from publisher) Type book in the form of: textbooks, book reference/ monograph Contents book in accordance with substance study Year rise in period study Amount page minimum 40 page | <ul style="list-style-type: none"> ISBN numberprint Writer's name (Can more from 1) Name Publisher URLs (If There is) | <ul style="list-style-type: none"> Letter Information rising from publisher And mention amount copy Softcopy in format pdf which contains cover, page come back title, and list of contents (maximum 20 MB) | <ul style="list-style-type: none"> No There is ISBN No letter information from publisher Contents book No in accordance with title, no complete, or can not be read Contents book No in accordance with substance study Year rise before period study Amount page less than 40 page |

A4. Patents/Patents Simple, protection varieties plant (PVT) registered, design system location circuit integrated (DTLST) registered, or *policy briefs*, script academic or work monumental

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|---------------------|---|---------------------|--|--|---|--|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 2 or to 3 | Patent/Paten Simple | <ul style="list-style-type: none"> Patent process Patent product | Registered | <ul style="list-style-type: none"> The letter state number registration the patent issued Ministry of kumham or institution <u>international</u> Description And specification on patent | There is/ available There is/ available | Has get The letter state number registration the patent issued Ministry of Law and Human Rightsor institution international | <ul style="list-style-type: none"> Name patent Patent holder (Can more from 1) Registration number patent Date recording patent | <ul style="list-style-type: none"> The letter state number registration the patent issued Ministry of Law and Human Rightsor institution international Description And specification patent | <ul style="list-style-type: none"> Letter Which state registration number patent Which issued Ministry of Law and Human Rights or international institutions do not There is Year registration patent before period study Description And specification patent No There is The patent generated not in accordance with the substance study |
| To 2 or to 3 | Manuscript Academic | <ul style="list-style-type: none"> <i>Policy briefs</i>, recommendation on policy, or model policy strategic | Finished/ Submitted | <ul style="list-style-type: none"> News Handover script academic Manuscript <i>policy briefs</i>, recommendation on policy, or models policy strategic | There is/ available | <i>Policy Manuscript briefs</i> , recommendation policy, or policy model strategic | <ul style="list-style-type: none"> Title script <i>policy brief</i>, recommendation policy, or policy model strategic Compiler name script (Can more from One) | <ul style="list-style-type: none"> News Handover _ script academic <i>Softcopy policy manuscript briefs</i>, recommendation on policy, or model policy strategic | <ul style="list-style-type: none"> Minutes of hand overscript academic <i>Softcopy</i> of the manuscript <i>policy brief</i>, recommendation policy, or model policy strategic No There is Substance script <i>policy brief</i>, recommendation policy, or model policy strategic |

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|---|---|--------------------------|--|---------------------|---|--|---|--|
| Year | Category Outer | Type Evidence Outer | Status | Output | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 2 or to 3 | Work Monumental | Work Monumental | Already do an Exhibition | Documented exhibition/ performance form Photo/ link videos | There is/ available | Amount viewer minimum 100person | <ul style="list-style-type: none"> • Date And place exhibition/ staging • Amount viewer/ visitors | <ul style="list-style-type: none"> • <i>Upload</i> documentati onexhibition/ staging or link | <ul style="list-style-type: none"> • Number of viewers/ visitors not enough from 100 person • No There is documentation exhibition/ staging |
| To 2 or to 3 | Protector-an Variety Plant (PVT) | Variety evidenceor registration | Registered species | Documentary plant new | There is/ available | Own PVP documents which has registered | <ul style="list-style-type: none"> • Name species • Name varieties • Name Researcher/Breeder (can more from 1 breeder) • Breeding Institution • Document number registration • Date registration | Documentary evidence registration | No There is proof documentregistration |
| To 2 or to 3 | Tata Design Circuit Location Integrated (DTLST) | Tata Design Location evidenceCircuit Integrated Electronic | Registered | Documentary registration | There is/ available | Have DTLST document Which has more registered | <ul style="list-style-type: none"> • Name DTLST • Rights holder DTLST (Can from 1) • Document number registration • Date registration | Documentary evidence registration | No There is Proof documentregistration |
| To 2 or to 3 | Right Create | <ul style="list-style-type: none"> • Program EntitlementCopyright computer • Tool display (Certified) issued for the Ministry of Law and Human Rights education And international science | Has Copyright approved | Certificate of knowledge | There is/ available | Have Rights Create | <ul style="list-style-type: none"> • Name Creation • Holder Right Create (Can morefrom 1) • Number recording Right Create • Date | Certificate of RightsCreate | <ul style="list-style-type: none"> • Certificate Right Create NoThere is • Year certificate Right Createbefore period study • Description And specification No There is |

| Transaction outer on Validation/assessment proposal | | | | | | | outer | | |
|---|----------------|--|--------|-------------|---------------------|--------------------------|--|-----------------|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | <ul style="list-style-type: none"> • Song or music • Drama or drama musical, dance, choreography, puppetry And pantomime • Art in all shape like art painting, picture, art carving, art calligraphy, art sculpture, art statue, collage and art applied • Architecture • Map • Art Batik or Art motif other • Cinematography • Photography • Translation • Interpretation | | | | | <ul style="list-style-type: none"> recording Right Create | | <ul style="list-style-type: none"> • Right Create Which generated not in accordance with the substance study |

B. Outer Must Program Study Work Same

B1. One article in journal international Which indexed on *databases* reputable with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|--------------------------------------|------------------------------------|------------------|--|--|--|--|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in Journal international | Articles in journals international | <i>Published</i> | <ul style="list-style-type: none"> Softcopy article Article URL from publisher | There is/ available There is/ available | <ul style="list-style-type: none"> Article has <i>published</i> Indexed on <i>the database</i> reputable | <ul style="list-style-type: none"> Name journal Publisher journal Title article Name Writer URLs Article DOI Journal URL at SCIMAGO/WoS | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> <i>Softcopy</i> of the article does not There is Not included international articles indexed reputable Article cannot be explored from the URL Which given Year <i>published</i> before period study Substance article No according to the topic study No involve all over institution member team No There is Name student guidance together |

B2. One article in journal national with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|---------------------------------|-----------------------------|------------------|---|--|--|---|--|---|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal national | Article in journal national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | There is/ available There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>database</i>s • reputable Sinta 1 - 2 | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy article which was published in journal</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included indexed national articles reputable • Article No can explored from URLs Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with the topic study • No involve all over institution member team • No name student guidance together |

B3. One book results study has an ISBN in form print

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|----------------------------|--|-------------------|---|---|--|---|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Printed book Results Study | <ul style="list-style-type: none"> Book Reference / Monograph Book Teach | Published on ISBN | <ul style="list-style-type: none"> Letter Information rising from publisher And mention amount copy Softcopy in pdf format which contain covers, page come back title, and list of contents (maximum 20 MB) | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> There is ISBN Already Rise (there is a letter information from publisher) Type book in the form of: textbooks, book reference/ monograph Book contents in accordance with substance study Year rise in period study Amount page minimum 40 page | <ul style="list-style-type: none"> ISBN numberprint Writer's name (Can more from 1) Name Publisher URLs (If There is) | <ul style="list-style-type: none"> Letter Information rising from publisher And mention amount copy Softcopy in format pdf which containing covers, page come back title, And list of contents (maximum 20 MB) | <ul style="list-style-type: none"> No There is ISBN There isn't any letter information from publisher The contents of the book are not in accordance with title, no complete, or can not be read Contents book not in accordance with substance study Year rise before period study Amount page not enough from 40 page |

B4. Patents/Patents Simple or *policy briefs* , script academic or work monumental

| Transaction outer on Validation/assessment proposal | | | | | | | | outer |
|---|----------------------|---|--|---|--|--|---|-------|
| Year | Category Outer | Type Status Output | Proof Target | Outcomes | Criteria Entry Eligibility Researcher | Proof Supporter | No Valid | |
| | | | | Achievements | | | | |
| 2nd or to3 | Patent/Paten tSimple | <ul style="list-style-type: none"> Patent processRegistered- Tar patent product | <ul style="list-style-type: none"> Letter Existing / states availablenumber registration the patent issued Ministry of Law and Justicem or institution international | <ul style="list-style-type: none"> Have Holder patentLetter which (can more from 1) states registration number patent registration patent which issued Ministry of Law and Human Rights | <ul style="list-style-type: none"> Name patent get Letter which Number Date a record Rights | <ul style="list-style-type: none"> The letter statenumber registration the patent issued Ministry of Law-ham or institution international Description And specification patent | <ul style="list-style-type: none"> Letter Which state registration number patent Which issued Ministry of Law and Human Rights or international institutions do not There is Year registration patent before period study Description And specificationpatent No There is The patent generated not in accordance with the substance study | |
| 2nd or to3 | Manuscript Academic | <ul style="list-style-type: none"> <i>Policy briefs</i> , Finished/ Recommendation- Submitted-tie right policy,or Model policy strategic | <ul style="list-style-type: none"> News Program There is/ Handover available script academic Manuscript <i>policybriefs</i> , recommenda tion policy, or models policy strategic | <ul style="list-style-type: none"> Manuscript <i>policy brief</i> , recommendations ns policy, or policy strategic | <ul style="list-style-type: none"> Title Manuscript <i>policy briefs</i> , recommendatio policy, or model policy strategic Name compiler script (can be more from One) | <ul style="list-style-type: none"> News Handover _ script academic <i>Softcopy</i> <i>policy briefs</i> , recommendati on policy, or model policy strategic | <ul style="list-style-type: none"> Minutes of hand overscript academic <i>Softcopy</i> of the manuscript <i>policy brief</i> , recommendation policy, or model strategic policy does not There is Substance script <i>policy brief</i> , recommendation policy, or modelpolicy strategic | |

| | | | | | | | | |
|------------|-----------------|-----------------|-------------------------------|--|--|---|---|--|
| 2nd or to3 | Work Monumental | Work Monumental | Done Perform right Exhibition | <ul style="list-style-type: none"> • Documentation There is/ Exhibition/ Availablestaging form Photo/ | <ul style="list-style-type: none"> • Amount viewer 100 exhibition/ performance person | <ul style="list-style-type: none"> • Date And minimum places • Amount | <ul style="list-style-type: none"> • <i>Upload</i> documentati onexhibition/ staging | <ul style="list-style-type: none"> • Amount spectators/visitors not enough from 100 person • No There is documentation |
|------------|-----------------|-----------------|-------------------------------|--|--|---|---|--|

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|------------------------------------|--|------------|--|-----------------------|---|--|-----------------------------------|---|
| Year | Type Outer | Category Outer | Status | Proof Target | Outcomes Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | link videos | | | viewer/visitors | or link | exhibition/performance |
| 2nd or to3 | Protection varieties (PVT) species | Varieties of Plant or plant new | registered | Documentary proof Yes/ registration is available | | <ul style="list-style-type: none"> • Own PVP documents which has registered | <ul style="list-style-type: none"> • Name species • Name varieties • Name Researcher/Breeder (can more from 1 breeder) • Breeding Institution • Document number registration • Date registration | Documentary evidence registration | No There is proof document registration |
| 2nd or to3 | Tata Circuit Location (DTLST) | Design Location Integrated Electronics | registered | Documentary proof Yes/ registration is available | | <ul style="list-style-type: none"> • Own DTLST document which has registered | <ul style="list-style-type: none"> • Name DTLST • Holder right DTLST (can more from 1) • Document number registration • Date registration | Documentary evidence registration | No There is proof document registration |

C. Outer Mandatory Program Study Postgraduate

C1. One article in journal international Which indexed on *databases* reputable with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|--------------------------------------|----------------------------------|------------------|--|----------------------------------|---|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Target | Outcomes Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in Journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher available | Available/ available Yes/ | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>database</i>s reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/ WoS | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy of</i> the article does not There is • Not included in the article indexed international reputable • Article cannot be traced from that URL given • Year <i>published</i> before period study • Substance article No according to the topic study |

C2. One article in journal international with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|--------------------------------------|----------------------------------|------------------|---|--|------------------------------|--|---|--|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in Journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | There is/ available There is/ available | Article has <i>published</i> | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included article international • Article cannot be traced from the URL Which given • Year <i>published</i> before period study • Substance article not appropriate to the topic study |

C3. One article in journal national with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|---------------------------------|-------------------------------|------------------|---|---|---|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal national | Articles in journals national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>the database</i> reputable Sinta 1 – 4 (For master) • Indexed on <i>the database</i> reputable Sinta 1 or 2 (For doctor) | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included indexed national articles reputable • Article No can explored from URLs Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with the topic study |

D. Outer Must Program Study Lecturer Beginner

E1. One article in journal international Which indexed on *databases* reputable with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | No Valid |
|---|--|--------------------------------|-----------------------|--|--|---|--|---|---|
| Year | Category Outer | Type Outer | Evidence Status Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid | |
| Number 1, 2, 3 | Publication in atJournal international | Articles journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URLfrom publisher | There is/ available There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>database</i>s reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/WoS | <i>Softcopy</i> that article published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the articleNo There is • Not included article international indexed reputable • Article No can explored from the URLWhich given • Year <i>published</i> before period study • Article substanceit is not in accordance with with the topic study |

E2. One article in journal international with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | | outer |
|---|--------------------------------------|------------------------------------|------------------|--|---|------------------------------|--|---|---|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in Journal international | Articles in journals international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | <p>There is/ available</p> <p>There is/ available</p> | Article has <i>published</i> | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included article international • Article cannot be traced from the URL Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with the topic study |

E3. One article in journal national with status *published*

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | |
|---|-------------------------|------------------------------|-----------------------|---|--|---|---|---|---|
| Year | Category Outer | Type Outer | Evidence Status Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid | |
| Number 1, 2, 3 | Publication in journals | Articles in journal national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | There is/ available There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>database</i>s reputable Sinta 1 - 6 | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included indexed national articles reputable • Article No can explored from URLs Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with topic study |

E. Outer Must Program Study Policy Strategic

D1. Mandatory externalities Program Study Policy Strategic (KKS)

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | |
|---|-----------------------|--|------------|--|---------------------|---|--|---|--|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| • Number 1 | • Manuscript Academic | • <i>Policy briefs</i> , recommendation policy, or models policy strategic | • Finished | • Manuscript <i>Policy briefs</i> , recommendation policy, or model policy strategic | There is/ available | • <i>Policy</i> Manuscript <i>briefs</i> , recommendation policy, or model policy strategic fit assignment has resolved | • Manuscript Title <i>Policy briefs</i> , recommendation policy, or model policy strategic • Name compiler script (can more from One) | • <i>Softcopy</i> <i>Policy</i> manuscript <i>briefs</i> , recommendation policy, or model policy strategic | • <i>Softcopy</i> of the manuscript <i>Policy briefs</i> , recommendation policy, or model policy strategic No There is • Substance <i>Policy</i> manuscript <i>briefs</i> , recommendation policy, or model policy strategic no in accordance assignment |

Attachment 7.2. SCHEME APPLIED RESEARCH

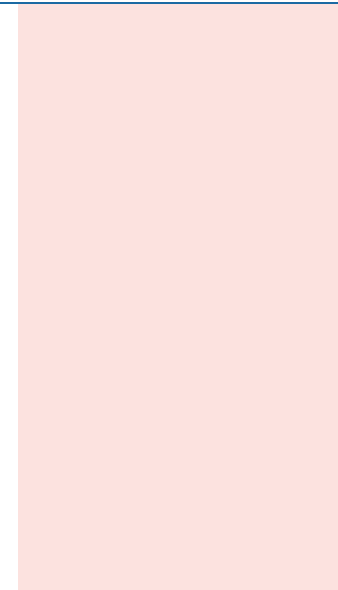
A. Outer Must Study Applied with Track Prototype or Work Monumental

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | |
|---|----------------|------------|--------|--|---------------------|--|--|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1 | Prototype | Prototype | Done | <ul style="list-style-type: none"> Description and specification product Documentation product (photo/video) | There is/ available | Has done making based products/ KI Which submitted | <ul style="list-style-type: none"> Name Product Component /material standard | <ul style="list-style-type: none"> Description And specification product Documentation product (Photo/ videos) | <ul style="list-style-type: none"> Description And specification product No There is Product documentation (Photo/ videos) No There is |
| To 2 | Prototype | Prototype | Done | <ul style="list-style-type: none"> Test results document product field/environment limited Documentation testing (photo or videos) | There is/ available | Has done deep test field/ environment limited | <ul style="list-style-type: none"> Product name Date Testing product | <ul style="list-style-type: none"> Document results product test field/ environment limited Documentation testing (photo or videos) | <ul style="list-style-type: none"> Test results document field/ environment limited No There is Test documentation (photo or video) no There is Description And specification product No There is Test date product before period study Product No part from substance study |

| Transaction outer on Validation/assessment proposal | | | | | | | outer | | |
|---|--------------------------------------|----------------------------------|------------------|--|---------------------|---|--|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 3 | Prototype | Prototype | Done | <ul style="list-style-type: none"> Document results test Field products/ environment Actually Documentation testing product (Photo or videos) | There is/ available | Has done deep test field/ environment Actually | <ul style="list-style-type: none"> Product name Date Testing product No certificate design industry (if There is) | <ul style="list-style-type: none"> Documentation testing (photo or videos) Document result test product field/ environment Actually Draft design industry | <ul style="list-style-type: none"> Test results document field/ environment Actually No There is Test documentation (photo or video) no There is Description And specification product No There is Test date product before period study Products are not parts from substance study Draft design industry No There is |
| During Period Researcher-an | Publication Journal internasional or | Article in journal internasional | <i>Published</i> | <ul style="list-style-type: none"> <i>Softcopy</i> article Article URL from publisher | There is/ available | <ul style="list-style-type: none"> Article has <i>published</i> Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> Name journal Published journal Title article Name Writer URLs Article DOI URLs journal in SCIMAGO/ WoS | <i>Softcopy</i> of the article Which rise in journal | <ul style="list-style-type: none"> <i>Softcopy</i> of the article does not There is Not included in the article indexed international reputable Article cannot be explored from URLs Which given Year <i>published</i> before period study Substance article No according to the topic study |

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | |
|---|--|--|-------------------|--|---------------------|---|--|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | Publication in the journal national or | Article in journal national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta Rating Accreditation | <i>Softcopy</i> of the article Which rise in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article does not There is • No including article indexed national reputable • Article No can explored from URLs Which given • Year <i>published</i> before period study • The substance of the article is not in accordance with topic study |
| | Book Print Results Researcher | <ul style="list-style-type: none"> • Book reference / monograph • Book Teach | Published on ISBN | <ul style="list-style-type: none"> • Letter Information published from publisher And mention amount copy • <i>Softcopy</i> in format pdf Which contains cover, page come back title, And list fill (maximum 20 MB) | There is/ available | <ul style="list-style-type: none"> • There is ISBN • Already published (there is a letter information from publisher) • Type of book in the form of: book teach, book reference/ monograph • Contents book in accordance with substance study • Publication Year in period | <ul style="list-style-type: none"> • Number ISBN print • Name writer (could be more from 1) • Name Publisher • URLs (If There is) | <ul style="list-style-type: none"> • Letter Information published from publisher And mention amount copy • <i>Softcopy</i> in format pdf Which contains cover, page come back title, And list contents (maximum 20 MB) | <ul style="list-style-type: none"> • No There is ISBN • No letter information from publisher • The contents of the book are not appropriate with the title, no complete, or not can be read • The contents of the book are not appropriate with substance study • Year rise before period study • Amount page not enough from 40 page |

-
- study
- umlah page



| Transaction outer on Validation/assessment proposal | | | | | | | | outer | |
|---|---------------------------------------|--|----------------------------|---|----------------------------------|--|---|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | Book Elektronik Results Researcher-an | <ul style="list-style-type: none"> Book reference / monograph Book Teach | <i>On line</i> has an ISBN | <ul style="list-style-type: none"> URLs e-book on publisher/distributor or <i>Softcopy</i> in format pdf Which contains cover, page come back title, And list fill (maximum 20MB) | Can accessed There is/ available | minimum 40 page <ul style="list-style-type: none"> There is ISBN Has a URL the one that can accessed Type of book in the form of: book teach, book reference/ monograph Contents book in accordance with substance study Publication Year in period study Amount page minimum 40 page | <ul style="list-style-type: none"> Number ISBN electronic Name writer (could be more from 1) Name Publisher URLs Book | <ul style="list-style-type: none"> Book URL electronic <i>Softcopy</i> in format pdf Which contains cover , page come back title, And list contents (maximum 20MB) | <ul style="list-style-type: none"> No There is ISBN Contents book No in accordancewith the title, no complete, or not can be read URLs No can accessed Contents book No in accordancewith substance study Year rise before period study Amount less pagesfrom 40 page |

B. Outer Must Study Applied with Track Manuscript Policy/ Manuscript Academic

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|-------------------|---|---------------|--|---------------------|---|--|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1 | Manuscript Policy | <ul style="list-style-type: none"> Manuscript Draft Policy Law Invite Regulation Government Presidential Decree Candy Regional Regulation Governor Regulation, City Government Regulation District Government Regulation, Perwalkot, Regional Regulation, or Policy organization national/international | Has submitted | <ul style="list-style-type: none"> Document test results expert/test public script policy Minutes of handover that document script policy already received by the maker policy | There is/ available | policy text, consists on: background behind, analysis related to <i>existing</i> , sociology, law, academic | <ul style="list-style-type: none"> Script type policy (PP, Presidential Decree, Candy, Regional Regulations, Governor Regulations, City Government Regulation, District Government Regulation, Perwalkot, Regional Regulation or Policy organization national/international) Institution/institution who receive script Date manuscript submission policy to maker policy | <ul style="list-style-type: none"> Manuscript policy Document test results expert/test public script policy Letter/Form thread submission script policy to maker policy | <ul style="list-style-type: none"> Policy text No There is Test results document expert/public test script policy No There is Letter/Form manuscript submission policy to maker policy The contents of the policy are not in accordance with the substance study Year letter/form manuscript submission policy before period study |

| | | | | | | | | | |
|--------------|-------------------|---|---------------|--|---------------------|--|---|---|--|
| To 2 or to 3 | Manuscript Policy | <ul style="list-style-type: none"> • Manuscript DraftPolicy • Law Invite • Regulation Government • Presidential Decree • Candy • Regional Regulation • Governor Regulation, City Government Regulation District Government Regulation, | Has submitted | <ul style="list-style-type: none"> • Document proof of revision script policy • News hand over accept that document proof of revision script policy has accepted | There is/ available | Manuscript policy revision, consists on: background behind, related analysis <i>existing</i> , sociology,law, academic | <ul style="list-style-type: none"> • Script type policy (PP, Presidential Decree, Candy, Regional Regulations, Governor Regulations, City Government Regulation, District Government Regulation, Perwalkot, Regional Regulation or Policy organization national/ international) • Institution/ institution Which accept | <ul style="list-style-type: none"> • Document proof of revision script policy • News hand over accept that document proof of revision script policy has | <ul style="list-style-type: none"> • Policy textNo There is • Evidence documents manuscript revision policy No There is • Minutes of handover accept the script policy to policy makersNo There is • Contents policy No in accordance with |
|--------------|-------------------|---|---------------|--|---------------------|--|---|---|--|

| Transaction outer on Validation/assessment proposal | | | | | | | outer | | |
|---|---|--|------------------|---|---------------------|---|---|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | Perwalkot, Regional Regulation, or • Policy organization national/international | | by the maker policy | | | script • News date handover event script policy to maker policy | accepted by maker policy | substance study • Year letter/form manuscript submissionpolicy before period study |
| During period study | Publication in Journal international or | Articles in journals international | <i>Published</i> | • <i>Softcopy</i> article • Article URL from publisher | There is/ available | • Article has <i>published</i> • Indexed on <i>databases</i> reputable | • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/WoS | <i>Softcopy</i> that article published in journal | • <i>Softcopy</i> of the articleNo There is • Not included international articlesindexed reputable • Article cannot be traced from the URLWhich given • Year <i>published</i> before period study • Substance article No in accordance withtopic study |
| | Publication in journal national or | Articles in journals national | <i>Published</i> | • <i>Softcopy</i> article • Article URL from publisher | There is/ available | • Article has <i>published</i> • Indexed on <i>databases</i> reputable | • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in SintaRating Accreditation | <i>Softcopy</i> that article published in journal | • <i>Softcopy</i> of the articleNo There is • Not included indexed national articles reputable • Article cannot be traced from the URLWhich given • Year <i>published</i> before period |

| Transaction outer on Validation/assessment proposal | | | | | | | | outer | No Valid |
|---|----------------------------|--|-------------------|---|---------------------|--|--|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | | | | | | study • Article substance No in accordance with topic study |
| | Printed book Results Study | <ul style="list-style-type: none"> Reference books/ monograph Book Teach | Published on ISBN | <ul style="list-style-type: none"> Letter Information rising from publisher and mention- that's the amount copy <i>Softcopy</i> in format pdf Which containing covers, page come back title, And list of contents (maximum 20 MB) | There is/ available | <ul style="list-style-type: none"> There is ISBN Already published (there is a letter information from publisher) Type of book in the form of: book teach, book reference/ monograph Contents book in accordance with substance study Publication Year in period study Amount page minimum 40 page | <ul style="list-style-type: none"> Number ISBN print Name writer (Can more from 1) Name Publisher URLs (If There is) | <ul style="list-style-type: none"> Letter Information rising from publisher And mention- that's the amount copy <i>Softcopy</i> in format pdf Which containing covers, page come back title, And list fill (maximum 20 MB) | <ul style="list-style-type: none"> No There is ISBN No letter information from publisher Contents book No in accordance with the title, no complete, or not can be read Contents book No in accordance with substance study Publication Year before period study Amount page less than 40 page |

C. Outer Must Study Applied with Track Expertise (*Cutting edge*)

| Transaction outer on Validation/assessment proposal | | | | | | | | | outer |
|---|--------------------------------------|----------------------------------|------------------|---|---------------------|--|---|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1, 2, 3 | Publication in Journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable (Q1 or Q2) | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/ WoS | <i>Softcopy</i> that article published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the articleNo There is • Not included international articles reputable indexed (Q1 And Q2) • Article cannot be traced from the URLWhich given • Year <i>published</i> before period study • Substance article not in accordance with thetopic study |
| During period study | Prototype | Prototype | Done | <ul style="list-style-type: none"> • Description And specification product • Documentati onproduct • Documentati onresults testing | There is/ available | Has done making based productsKI Which submitted | <ul style="list-style-type: none"> • Name Product • Date Testing • Components/ingr edientsstandard | <ul style="list-style-type: none"> • Description And specification product • Documentati onresults testing • Documentati onproduct (photo/video) | <ul style="list-style-type: none"> • Description and specification productNo There is • test results No There is • Documentation product (photo/video)No There is |

Attachment 7.3. SCHEME STUDY DEVELOPMENT

| Transaction outer on Validation/assessment proposal | | | | | | | | | |
|---|----------------|-------------------------------|--------------|--|---------------------|---|--|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1 | | <i>mini plants (scale up)</i> | accomplished | <ul style="list-style-type: none"> Document process <i>layout</i> production Detailed Documents Engineering Design (DED) Documentation (video/photo) | Yes/Available | <ul style="list-style-type: none"> Document appropriateness production (from side environment, safety work, product quality) Date implementation in accordance with year walk | <ul style="list-style-type: none"> Name Product Capacity Production Components/Materials Raw Analysis Risk Date Implementati on | <ul style="list-style-type: none"> Document process <i>layout</i> production Document Details <i>Engineering</i> Design (DED) Documentati on (video/photo) | <ul style="list-style-type: none"> <i>Layout</i> document production process No There is Document Details <i>Engineering</i> (DED) No There is Documentation (video/photo) no There is Year of implementation before period study |
| To 2 | | Certification product | Done | <ul style="list-style-type: none"> Document certification product from official authority like: Ministry of Religion (Halal), Ministry of Health (tools health), BPOM (distribution permit drug, food, cosmetics) | Yes/Available | <ul style="list-style-type: none"> Completeness document certification product Date implementation in accordance with year walk | <ul style="list-style-type: none"> Name Product Number Certificate Date Certificate Institution that emit certificate | <ul style="list-style-type: none"> Completeness document certification product Date implementation in accordance with year walk | <ul style="list-style-type: none"> Completeness certification document product No There is Date implementation before time study |

| Transaction outer on Validation/assessment proposal | | | | | | | outer | | |
|---|----------------|-----------------------|--------|--|---------------------|---|--|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| to 3 | | <i>Business plans</i> | Done | <ul style="list-style-type: none"> • Document appropriateness market • Document appropriateness technical production • Document appropriateness finance • Document appropriateness management • Document appropriateness environment • Document appropriateness social • Document appropriateness law • Document <i>business plans</i> | There is/ Available | Document <i>feasibility study</i> Which covers market aspects, technical production, finance, management (including appropriateness partnership investment), environment, social, And law | <ul style="list-style-type: none"> • Name product • Brand (If There is) • Certificate numberbrand (If There is) • Date certificate brand (If There is) • Certificate number industrial design (if There is) • Certificate date design industry (If There is) | <ul style="list-style-type: none"> • Document appropriateness market • Document appropriateness production technical (manipulation socialAnd empowerment) • Document appropriateness finance • Document appropriateness management • Document appropriateness environment • Document appropriateness social • Document appropriateness law • Document appropriateness social • Document appropriateness law • Document <i>business plans</i> | <ul style="list-style-type: none"> • Document market feasibilityNo There is • Document technical feasibility production No There is • Document appropriateness finance No There is • Document appropriateness management does notThere is • Document appropriateness the environment does notThere is • Document social suitability No There is • Document appropriateness lawNo There is • Document business plans No There is • Document <i>feasibilitystudy</i> And document <i>business plans</i> No is research result Which funded |

Attachment 8. Format Report Progress Devotion to Public

a. Cover Advance

| |
|--|
| <p style="text-align: center;">LAPORAN KEMAJUAN</p> <p style="text-align: center;">.....*</p> <p style="text-align: center;">Logo Perguruan Tinggi</p> <p style="text-align: center;">JUDUL</p> <p style="text-align: center;">Tahun ke dari rencana tahun</p> <p style="text-align: center;">Ketua/Anggota Tim (Nama lengkap dan NIDN)</p> <p style="text-align: center;">NAMA PERGURUAN TINGGI</p> <p style="text-align: center;">Bulan dan Tahun</p> |
|--|

Information: * Write scheme research/service.

b. Format Page Endorsement Report Progress

PAGE
ENDORSEME
NT

Title :

Executor

Name Complete :NIDN

Position Functional :

Program Study :

Number HP :

Address email (*e-mail*) :

Member (1)

Name Complete :

NIDN :

College Height :

Member (2)

Name Complete :

NIDN :

College Height :

Member (*nth*)

Name Complete :

NIDN :

College Height :

Institution Partner (If There is)

Name Institution Partners :

Address :

Insurer Answer :

Year Implementation : Year to- from year plan

Cost Year Walking : Rp

Cost Overall : Rp

Know, City, date month Year

Chairman Institution research/service*, Chair,

Sign hand Sign hand

(Name Complete) (Name Complete)

NIP/NIK NIP/NIK

* Customized with Name institution study And or devotion to public in PT

c. Systematics Report Progress

| Laporan Kemajuan Pengabdian kepada Masyarakat |
|--|
| HALAMAN SAMPUL |
| HALAMAN PENGESAHAN |
| RINGKASAN |
| PRAKATA |
| DAFTAR ISI |
| DAFTAR TABEL |
| DAFTAR GAMBAR |
| DAFTAR LAMPIRAN |
| BAB 1. PENDAHULUAN |
| BAB 2. TINJAUAN PUSTAKA |
| BAB 3. TUJUAN DAN MANFAAT |
| BAB 4. METODE |
| BAB 5. HASIL DAN LUARAN YANG DICAPAI |
| BAB 6. RENCANA TAHAPAN BERIKUTNYA |
| BAB 7. KESIMPULAN DAN SARAN |
| DAFTAR PUSTAKA |
| LAMPIRAN (bukti luaran yang didapatkan) |
| - Artikel ilmiah (<i>draft</i> , status <i>submission</i> atau <i>reprint</i>), dll. |
| - HKI, publikasi dan produk lainnya |

Attachment 9. Format Report End Year Devotion to Public

a. Cover Advance

REPORT END YEAR
..... *

College Logo

TITLE
Year tofrom plan
..... year

**Team Leader/Member
(Name complete And
NIDN)**

COLLEGE TALL
Month And Year

Information: * Write scheme research/service

b. Format Page Endorsement Report End

PAGE
ENDORSEME
NT

Title :

Researcher/Executor

Name Complete :NIDN

Position Functional :

Program Study :No

HP :Address

email (*e-mail*) :

Member (1)

Name Complete :

NIDN :

College Height :

Member (2)

Name Complete :

NIDN :

College Height :

Member (nth)

Name Complete :

NIDN :

College Height :

Institution Partner (If There is)

Name Institution Partners :

Address :

Insurer Answer :

Year Implementation : Year to- from year plan

Cost Year Walking : Rp

Cost Overall : Rp

City, date month Year

Know,

Dean/Chair

Chairman,

Sign hand

Sign hand

(Name Complete)
NIP/NIK

(Name Complete)
NIP/NIK

Agree,
Chairman Institution Research/Service*Sign

hand

(Name Complete)
NIP/NIK

c. **Systematics Report End Year Devotion**

Laporan Akhir Tahun Pengabdian

HALAMAN SAMPUL

HALAMAN PENGESAHAN RINGKASAN

PRAKATA

DAFTAR ISI

DAFTAR TABEL

DAFTAR GAMBAR

DAFTAR LAMPIRAN

BAB 1. PENDAHULUAN

BAB 2. TARGET DAN LUARAN

BAB 3. METODE PELAKSANAAN

BAB 4. HASIL DAN LUARAN YANG DICAPAI

BAB 5. KESIMPULAN DAN SARAN

DAFTAR PUSTAKA

LAMPIRAN (bukti luaran yang didapatkan)

- Personalia
- Tabel isian luaran
- Artikel ilmiah (*draft*, *status submission* atau *reprint*), dll.
- HKI, publikasi dan produk lainnya.

* Customized with Name institution study And or devotion to public in PT

Attachment 10. Format Report Use Budget

REPORT USE BUDGET DEVOTION TO THE COMMUNITY

A. Table Expenditure

| NO | DATE | NUMBER PROOF | TYPE EXPENDITURE | DESCRIPTION EXPENDITURE | TOTAL EXPENDITURE |
|--|------|--------------|------------------|-------------------------|-------------------|
| HONORARIUM (15%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| TECHNOLOGY AND INNOVATION (40%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| COST TRAINING (25%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| JOURNEY (15%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| ETC (5%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| TOTAL BUDGET'S UTILIZATION | | | | | 0 |

B. Resumes Expenditure

| NO | COMPONENT COST | AMOUNT OF FUNDS APPROVED* | USEBUDGET | REMAINDER FUND | PERCENTAGE USEBUDGET |
|----|---------------------------------|---------------------------|-----------|--------------------|----------------------|
| 1 | HONORARIUM (15%) | 45,000,000 | 0 | 45,000,000 | 0% |
| 2 | TECHNOLOGY AND INNOVATION (40%) | 120,000,000 | 0 | 120,000,000 | 0% |
| 3 | COST TRAINING (25%) | 75,000,000 | 0 | 75,000,000 | 0% |
| 4 | JOURNEY (15%) | 45,000,000 | 0 | 45,000,000 | 0% |
| 5 | ETC (5%) | 15,000,000 | 0 | 15,000,000 | 0% |
| | TOTAL | 300,000,000 | 0 | 300,000,000 | 0% |

Notes:

*Customized with fund Which Approved by DRTPM

C. Proof Expenditure*Attach proof of purchase form photos/documents (receipt, notes, etc.) along with the statement*

**Attachment 11. Format News Program Hand it over Accept Asset
from lecturers/servants to recipients/SMEs/Public use KOP
College Tall**

NEWS PROGRAM GIVE IT UP ACCEPT ASSET

Number:

On day This dateof location in Office Institution Study and Community Service (LPPM)/Institute for Community Service (LPM) PT has delivered/received goods in accordance with the assignment agreement letter in frame implementation devotion to public program

..... year between:

Name :
Position :
Address :

As person responsible individual as party Which deliver:Name :
Position :
Address :

As party Which accept goods:
List details goods as following:

| No. | Name Goods | Amount Goods | Price Unit (Rp.) | Total Price (Rp.) |
|-----|------------|--------------|----------------------------------|-------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | Amount Total Price (Rp.) | |

Which accept:

Yang deliver:

(Signed And Stamp)

(Signed And Seal IDR 10,000)

Name :
NIP/NIDN/NIDK:

Name:
NIP/NIDN/NIDK:

Know,
Chairman Institution PT

(.)
NIP/NIDN/NIDK

Attachment 12. Format *Files* Presentation And Poster

Attachment 12.1. Format *Files* Presentation Implementation Devotion to Public

File Format (*PowerPoint*) Implementation Devotion to Public

1. Presentation made in form *PowerPoint* .
2. Time presentation maximum 10 minute.
3. All information written in a way short, congested And clear.
4. Amount *slides* maximum 6:
 - a) *Slides 1* containing
 - Title activity.
 - Location activity.
 - Name proposer And member along with NIDN/NIDK.
 - Year implementation And college tall.
 - b) *Slides 2* containing
 - Identity, problem team, And fund Approved (data be delivered inform explanation short).
 - Solution to problem.
 - c) *Slides 3* containing
 - Activity Which has done (accompanied with Photo supporter activity including achievements mark positive Which accepted by team in a way measurable).
 - d) *Slides 4* containing
 - Results And outer in form publication (article, IPR, patent, publication media mass, book, etc).
 - Factor Which hamper/obstacle in implementation.
 - Factor Which support in implementation.
 - Solution And follow he continued.
 - e) *Slides 5* containing
 - Taking pictures activity.
 - Photo tool or goods (given information Name tool, function, explanation toolresults work team or buy.

Attachment 12.2. Format Poster Implementation Devotion to Public

Poster Format (*X-banner*) Implementation Devotion to Public

1. Poster printed with use:
 - a. size: 160cm x 60cm;
 - b. type material: paper *flexi*;
 - c. orientation: portrait.
2. Format writing poster as following:
 - a. Posters must include the KEMDIKBUDRISTEK logo and the college logotall.
 - b. *layout* design is the result of your own work, personal work And No contain element *plagiarism*.
 - c. Poster load title, team executor, agency giver fund, *resume* implementation activity, results implementation activity And technology And innovation Which applied.

Attachment 13. Format Videos Results Activity Devotion to Public

Format Videos Results Activity Devotion to Public

1. On beginning impressions videos must load information as following:
 - a. title And scheme activity devotion to public;
 - b. Name chairman And member accompanied NIDN/NIDK;
 - c. Name college tall, And
 - d. year implementation.

2. Videos duration maximum 5 minute with provision as following:
 - a. include logos KEMDIKBUDRISTEK (as giver fund) And logosuniversity;
 - b. videos displays condition before exists implementation program devotion (partner/region);
 - c. videos displays activity activity implementation devotion (Monitoringfield, socialization, hand over accept tool, training, etc);
 - d. videos displays testimonial from partner;
 - e. videos Which made must can describe activity in a way wholeuntil moment This;
 - f. videos Which made is videos short No gathering Photo or *Power point*;
 - g. resolution videos minimum 720p with type videos *landscape* ;
 - h. videos uploaded on page *YouTube* each institution.

3. Page *YouTube* be delivered in report end activity.

Attachment 14. Format Indicator Achievements Outer Devotion to Public

Attachment 14.1. Scheme Empowerment Based Public

| No | Indikator Capaian | Pilihan/Isian |
|----------|------------------------------|---|
| A | Identitas | |
| 1 | Mitra Sasaran | <input type="checkbox"/> Masyarakat Ekonomi Produktif <input type="checkbox"/> Masyarakat Ekonomi Non-Produktif |
| 2 | Status Sosial Mitra | |
| | Masyarakat Ekonomi Produktif | <input type="checkbox"/> Pengusaha Mikro/UMKM <input type="checkbox"/> Anggota Koperasi <input type="checkbox"/> Kelompok Petani/Nelayan/Peternak <input type="checkbox"/> Kelompok Industri Rumah Tangga |
| | Masyarakat Ekonomi Produktif | <input type="checkbox"/> Kelompok Pendidikan (PAUD, SD, SMP, SMA/SMK/Pesantren) <input type="checkbox"/> Kelompok PKK/Karang Taruna <input type="checkbox"/> Puskesmas/Posyandu |
| 3 | Jumlah Mitra | Orang |
| 4 | Pendidikan Mitra | <input type="checkbox"/> S-3 <input type="checkbox"/> S-2 <input type="checkbox"/> S-1 <input type="checkbox"/> Diploma <input type="checkbox"/> SMA <input type="checkbox"/> SMP <input type="checkbox"/> SD <input type="checkbox"/> tidak berpendidikan |
| 5 | Bidang Permasalahan Mitra | <input type="checkbox"/> Teknologi <input type="checkbox"/> Manajemen <input type="checkbox"/> Sosial Ekonomi <input type="checkbox"/> Hukum <input type="checkbox"/> Keamanan |
| 6 | Jarak ke Mitra | <input type="checkbox"/> < 50 KM <input type="checkbox"/> 50 - 100 KM <input type="checkbox"/> 101 - 200 KM <input type="checkbox"/> < 200 KM (beda provinsi) |
| 7 | Jenis Kelamin Tim Pengusul | |
| | Laki-laki | Orang |
| | Perempuan | Orang |
| 8 | Jenis Kelamin Mitra | |
| | Laki-laki | Orang |
| | Perempuan | Orang |
| 9 | Jumlah Mahasiswa | Orang |
| 10 | Jenis Kelamin Mahasiswa | |
| | Laki-laki | Orang |
| | Perempuan | Orang |
| 11 | Metode Pelaksanaan Kegiatan | <input type="checkbox"/> Penyuluhan <input type="checkbox"/> Pendampingan <input type="checkbox"/> Pendidikan <input type="checkbox"/> Demplot/Percontohan <input type="checkbox"/> Rancang Bangun <input type="checkbox"/> Pelatihan |

| No | Indicator Achievements | Options/Fillings |
|----------|---|---|
| 12 | Time Effective Implementation | Month |
| 13 | Continuity Program | <input type="checkbox"/> Continued <input type="checkbox"/> Stop |
| 14 | Capacity Production Before Program | (ton/kg/etc.) |
| 15 | Capacity Production After Program | (ton/kg/etc.) |
| 16 | Turnover Before Program | Rupiah |
| 17 | Turnover After Program | Rupiah |
| 18 | Source Funding Other | |
| | Source Funding | Stuffing |
| | Amount Funding | Rupiah |
| B | Contribution Partner | |
| 1 | Role Partner in Activity | <input type="checkbox"/> Object Activity <input type="checkbox"/> Subject Activity |
| 2 | Role Partner in Activity | |
| | Active (specify activity Which held) | ..... ... |
| | Passive (explain reason passive) | ..... ... |
| 3 | Role Government Area | <input type="checkbox"/> support fund <input type="checkbox"/> support policy <input type="checkbox"/> support implementation activity |
| 4 | Contribution Funding | Rupiah |
| C | Outer Must Program | |
| 1 | Article Scientific on journal national accredited SYNTA 1-6 | In accordance with stuffing outer publication in BIMA |
| 2 | Proceedings And Seminar National has an ISBN | In accordance with stuffing outer proceedings in BIMA |
| 3 | Publication Media Mass | In accordance with stuffing outer publication Media Mass in BIMA |
| 4 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... ... |
| | No Increase (Explain) | ..... ... |
| 5 | Enhancement Application SCIENCE AND TECHNOLOGY | |
| | Increase (Explain) | ..... ... |
| | No Increase (Explain) | ..... ... |
| 6 | Repair System Mark Public (Explain) | ..... ... |
| 7 | Method or System | <input type="checkbox"/> <i>Participatory Rural Appraisal (PRE)</i> <input type="checkbox"/> <i>Logical Frameworks Approach (LFA)</i> <input type="checkbox"/> <i>Focus Group Discussion (FGD)</i> <input type="checkbox"/> <i>Oriented-Project Planning (OPP)</i> <input type="checkbox"/> <i>Rapid Rural Appraisal (RRA)</i> <input type="checkbox"/> <i>Action Research</i> |
| 8 | Product (Goods or Service) | |
| | Goods (Explain) | ..... ... |

| | | |
|---|---------------------------------------|--------------|
| | Service (Explain) | ..... ... |
| 9 | <i>Transfer knowledge For partner</i> | |

| No | Indicator Achievements | Options/Fillings |
|----------|--------------------------------------|---|
| | There is (Explain) | ..... ... |
| 10 | Technology Which given | |
| | There is (Explain) | ..... ... |
| | No There is (Explain) | ..... ... |
| 11 | Completion problem Which applied | ..... ... |
| 12 | Change pattern think Which generated | <input type="checkbox"/> Public Involved <input type="checkbox"/> Public Utilise <input type="checkbox"/> Change pattern think, attitude And profit |
| | Explain | |
| D | Outer Additional Programs | |
| 1 | IPR | <input type="checkbox"/> Patent <input type="checkbox"/> Patent Simple <input type="checkbox"/> Brand <input type="checkbox"/> Right Create <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication Geographical <input type="checkbox"/> Confidential Trade <input type="checkbox"/> PVP |
| 2 | Book has an ISBN | ..... ... |
| 3 | Publication International | ..... ... |

Attachment 14.2. Scheme Empowerment Based Entrepreneurship

| No | Indicator Outer | Options/Fillings |
|--|---|--|
| A | Room Scope** | <input type="checkbox"/> Student Based Based <input type="checkbox"/> Business Campus <input type="checkbox"/> Based Product Superior Area |
| **form stuffing identity institution different based on choice room scope on letter A | | |
| B | Identity Institution** | |
| B1 | Based Student | |
| B1.1 | Shade Institutional | <input type="checkbox"/> LPPM <input type="checkbox"/> College TallFaculty <input type="checkbox"/> Study Program <input type="checkbox"/> |
| B1.2 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B1.3 | Amount Instructor | Person |
| B1.4 | Amount Practitioner | Person |
| B1.5 | Amount Technician/ <i>programmer</i> | Person |
| B1.6 | Amount <i>Tenants</i> | |
| B1.7 | Type Product <i>Tenants</i> | |
| | goods | Goods |
| | Service | Service |
| B1.8 | Amount Participant KBM | Person |

| | | |
|------|---------------------------------|--------------|
| B1.9 | Amount Alumni KBM Which Succeed | Person |
|------|---------------------------------|--------------|

| No | Indicator Outer | Options/Fillings |
|-----------|--|---|
| B1.10 | Method Learning Entrepreneurship | <input type="checkbox"/> Training Making ProductBusiness <input type="checkbox"/> Management Training Internship <input type="checkbox"/> at Company Workshop World <input type="checkbox"/> Business <input type="checkbox"/> Visit And Consultation |
| B1.11 | Contribution Funding College Tall | Rupiah |
| B1.12 | Number of New Entrepreneurs Independent Based SCIENCE AND TECHNOLOGY | Person |
| B2 | Based Business Campus | |
| B2.1 | Name Institution | ..... |
| B2.2 | Shade Institutional | <input type="checkbox"/> LPPM <input type="checkbox"/> College TallFaculty <input type="checkbox"/> Study Program <input type="checkbox"/> |
| B2.3 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B2.4 | Status Law Institution | ..... |
| B2.5 | Year Establishment Institution | ..... |
| B2.6 | Commodity Main | |
| | Goods | ..... |
| | Service | ..... |
| B2.7 | Commodity Addition | |
| | Goods | ..... |
| | Service | ..... |
| B2.8 | Supplier Material Raw | |
| | Local | ..... |
| | Regional | ..... |
| | Outside Country | ..... |
| B2.9 | Technology Which Already Dimiliki | ..... |
| B2.10 | Amount Power Work | Person |
| B2.11 | Gender Labor | |
| | Man | Person |
| | Woman | Person |
| B2.12 | Methods and Development Business | <input type="checkbox"/> Plan Production <input type="checkbox"/> Plan Procurement As well as Development SuggestionAnd Infrastructure <input type="checkbox"/> Plan Development HRPlan <input type="checkbox"/> Marketing <input type="checkbox"/> Plan Investment |
| B2.13 | Amount Enhancement Business Management | ..... |

| | | |
|-----------|--------------------------------------|--------------|
| | | |
| B2.14 | Contribution Funding College Tall | Rupiah |
| B3 | Based Superior Area | |

| No | Indicator Outer | Options/Fillings |
|---------|--------------------------------------|--|
| B3.1 | Contribution Funding College Tall | Rupiah |
| B3.2 | Contribution Funding Government Area | Rupiah |
| B3.3 | PARTNER 1 | |
| B3.3.1 | Status Business | <input type="checkbox"/> PT <input type="checkbox"/> CV <input type="checkbox"/> Firm <input type="checkbox"/> Coopera <input type="checkbox"/> tive SME/UMKM/UKMK |
| B3.3.2 | Name Business | ..... ..... |
| B3.3.3 | Type Business | <input type="checkbox"/> Clothing <input type="checkbox"/> Metals and Electronics <input type="checkbox"/> Chemistry And Material <input type="checkbox"/> BuildingFood And <input type="checkbox"/> Agribusiness Craft And General |
| B3.3.4 | Production capacity per year | ..... ..... |
| B3.3.5 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B3.3.6 | Status Law Institution | ..... ..... |
| B3.3.7 | Year Establishment Institution | ..... ..... |
| B3.3.8 | Commodity Main | |
| | Goods | ..... ..... |
| | Service | ..... ..... |
| B3.3.9 | Commodity Addition | |
| | Goods | ..... ..... |
| | Service | ..... ..... |
| B3.3.10 | Supplier Material Raw | |
| | Local | ..... ..... |
| | Regional | ..... ..... |
| | Outside Country | ..... ..... |
| B3.3.11 | Technology Which Already Dimiliki | ..... ..... |
| B3.3.12 | Amount Power Work | Person |
| B3.3.13 | Gender Labor | |
| | Man | Person |
| | Woman | Person |
| B3.3.14 | Methods and Development Business | <input type="checkbox"/> Plan Production <input type="checkbox"/> Plan Procurement As well as Development SuggestionAnd Infrastructure <input type="checkbox"/> Plan Development HRPlan <input type="checkbox"/> _____ |

| | | |
|---------|----------|--|
| | | <ul style="list-style-type: none"> □ Marketing □ Plan Investment |
| B3.3.15 | Consumer | <ul style="list-style-type: none"> □ Public In CountryPublic □ Outside Country Industry □ Other □ Institution Government |

| No | Indicator Outer | Options/Fillings |
|---------|---------------------------------------|---|
| | | <input type="checkbox"/> Other |
| B3.3.16 | Model Marketing | <input type="checkbox"/> Consignment <input type="checkbox"/> Via Collector <input type="checkbox"/> For sale Alone Direct Via <input type="checkbox"/> Distributor Agent <i>Buyers</i> <input type="checkbox"/> buy Direct <input type="checkbox"/> Other |
| B3.3.17 | Guarantee Quality | <input type="checkbox"/> Stage Control Quality <input type="checkbox"/> There is System Guarantee <input type="checkbox"/> QualityNo There is The same very |
| B3.3.18 | Problem Which handled through PM-UPUD | <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> HR <input type="checkbox"/> Other |
| B3.4 | PARTNER 2 | |
| B3.4.1 | Status Business | <input type="checkbox"/> PT <input type="checkbox"/> CV <input type="checkbox"/> Firm <input type="checkbox"/> Coopera <input type="checkbox"/> tive SME/UMKM/UKMK |
| B3.4.2 | Name Business | ..... ..... |
| B3.4.3 | Type Business | <input type="checkbox"/> Clothing <input type="checkbox"/> Metals and Electronics <input type="checkbox"/> Chemistry And Material <input type="checkbox"/> BuildingFood And <input type="checkbox"/> Agribusiness Craft And General |
| B3.4.4 | Production capacity per year | ..... ..... |
| B3.4.5 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B3.4.6 | Status Law Institution | ..... ..... |
| B3.4.7 | Year Establishment Institution | ..... ..... |
| B3.4.8 | Commodity Main | |
| | Goods | ..... ..... |
| | Service | ..... ..... |
| B3.4.9 | Commodity Addition | |
| | Goods | ..... ..... |
| | Service | ..... ..... |
| B3.4.10 | Supplier Material Raw | |
| | Local | ..... ..... |
| | Regional | ..... ..... |
| | Outside Country | ..... ..... |

| | | |
|---------|-----------------------------------|----------------|
| B3.4.11 | Technology Which Already Dimiliki | ..... ..... |
| B3.4.12 | Amount Power Work | Person |
| B3.4.13 | Gender Labor | |
| | Man | Person |
| | Woman | Person |

| No | Indicator Outer | Options/Fillings |
|----------|---------------------------------------|---|
| B3.3.14 | Methods and Development Business | <input type="checkbox"/> Plan Production <input type="checkbox"/> Plan Procurement As well as Development SuggestionAnd Infrastructure <input type="checkbox"/> Plan Development HRPlan <input type="checkbox"/> Marketing <input type="checkbox"/> Plan Investment |
| B3.3.15 | Consumer | <input type="checkbox"/> Public In CountryPublic <input type="checkbox"/> Outside Country Industry <input type="checkbox"/> Other <input type="checkbox"/> Institution Government <input type="checkbox"/> Other |
| B3.3.16 | Model Marketing | <input type="checkbox"/> Consignment <input type="checkbox"/> Via Collector <input type="checkbox"/> For sale Alone Direct Via <input type="checkbox"/> Distributor Agent <i>Buyers</i> <input type="checkbox"/> buy Direct <input type="checkbox"/> Other |
| B3.3.17 | Guarantee Quality | <input type="checkbox"/> Stage Control Quality <input type="checkbox"/> There is System Guarantee <input type="checkbox"/> QualityNo There is The same very |
| B3.3.18 | Problem Which handled through PM-UPUD | <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> HR <input type="checkbox"/> Other |
| C | Identity Proposer And Partner | |
| 1 | Type Sex Team Proposer | |
| | Man | Person |
| | Woman | Person |
| 2 | Type Sex Partner | |
| | Man | Person |
| | Woman | Person |
| 3 | Amount Student | Person |
| 4 | Type Sex Student | |
| | Man | Person |
| | Woman | Person |
| 5 | Method Implementation Activity | <input type="checkbox"/> Counseling <input type="checkbox"/> Accompaniment <input type="checkbox"/> Education <input type="checkbox"/> Demonstration/Pilot <input type="checkbox"/> Design Get up <input type="checkbox"/> Training |
| 6 | Time Effective Implementation | Month |
| 7 | Continuity Program | <input type="checkbox"/> Continued <input type="checkbox"/> Stop |
| 8 | Capacity Production Before Program | (ton/kg/etc.) |
| 9 | Capacity Production After Program | (ton/kg/etc.) |
| 10 | Turnover Before Program | Rupiah |

| No | Indicator Outer | Options/Fillings |
|----------|---|---|
| 11 | Turnover After Program | Rupiah |
| 12 | Source Funding Other | |
| | Source Funding | Stuffing |
| | Amount Funding | Rupiah |
| D | Outer Must Program | |
| 1 | Article Scientific on Journal National Accredited SYNTA 1-6 | In accordance with stuffing outer publication in BIMA |
| 2 | Proceedings And Seminar International | In accordance with stuffing outer proceedings in BIMA |
| 3 | Journal international indexed <i>Copernicus</i> /equivalent | In accordance with stuffing outer journal in BIMA |
| 4 | IPR | <input type="checkbox"/> Patent <input type="checkbox"/> Patent Simple <input type="checkbox"/> Brand <input type="checkbox"/> Right Create <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication Geographical <input type="checkbox"/> Confidential Trade <input type="checkbox"/> PVP |
| 5 | Publication Media Mass | In accordance with stuffing outer publication Media Mass in BIMA |
| 6 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 7 | Enhancement Application SCIENCE AND TECHNOLOGY | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 8 | Repair System Mark Partner (Management, Use IT, Procedure Management) | ..... |
| 9 | Enhancement <i>Income</i> | ..... |
| 10 | <i>Transfer knowledge</i> For partner | |
| | There is (Explain) | ..... |
| 11 | Technology Which given | |
| | There is (Explain) | ..... |
| | No There is (Explain) | ..... |
| 12 | Completion problem Which applied | ..... |
| 13 | Change pattern think Which generated | <input type="checkbox"/> Public Involved <input type="checkbox"/> Public Utilise <input type="checkbox"/> Change pattern think, attitude And profit |
| | Explain | ..... |

| | | |
|----------|----------------------------------|----------------|
| | | |
| E | Outer Additional Programs | |
| 1 | Book has an ISBN | ..... ..... |

Attachment 14.3. Scheme Empowerment Based Regionality

| No | Indicator Achievements | Options/Fillings |
|----------|--------------------------------|--|
| A | Identity | |
| 1 | Partner Target | <input type="checkbox"/> Public Economy Productive <input type="checkbox"/> Public Economy Non-Productive |
| 2 | Status Social Partner | |
| | Public Economy Productive | <input type="checkbox"/> Businessman Micro/UMKM <input type="checkbox"/> Member Cooperative <input type="checkbox"/> Group Farmers/Fishermen/Ranchers <input type="checkbox"/> Group Industry House Ladder |
| | Public Economy Productive | <input type="checkbox"/> Educational Groups (PAUD, SD, SMP, high school/vocational school/Islamic boarding school) <input type="checkbox"/> Group PKK/Coral Cadet <input type="checkbox"/> Community Health Center/Posyandu |
| 3 | Amount Partner | Person |
| 4 | Education Partner | <input type="checkbox"/> S-3 <input type="checkbox"/> S-2 <input type="checkbox"/> S-1 <input type="checkbox"/> Diploma <input type="checkbox"/> SENIOR <input type="checkbox"/> HIGH <input type="checkbox"/> SCHOOL <input type="checkbox"/> JUNIOR <input type="checkbox"/> HIGH <input type="checkbox"/> SCHOOL <input type="checkbox"/> elementary school <input type="checkbox"/> No educated |
| 5 | Field Problem Partner | <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> Socioeconomic <input type="checkbox"/> Law <input type="checkbox"/> Security |
| 6 | Distance to Partner | <input type="checkbox"/> < 50 KM <input type="checkbox"/> 50 - 100 KM <input type="checkbox"/> 101 - 200 KM <input type="checkbox"/> < 200 KM (different province) |
| 7 | Type Sex Team Proposer | |
| | Man | Person |
| | Woman | Person |
| 8 | Type Sex Partner | |
| | Man | Person |
| | Woman | Person |
| 9 | Amount Student | Person |
| 10 | Type Sex Student | |
| | Man | Person |
| | Woman | Person |
| 11 | Method Implementation Activity | <input type="checkbox"/> Counseling <input type="checkbox"/> Accompaniment <input type="checkbox"/> Education <input type="checkbox"/> Demonstration/Pilot <input type="checkbox"/> Design Get up <input type="checkbox"/> Training |
| 12 | Time Effective Implementation | Month |

| No | Indicator Achievements | Options/Fillings |
|----------|---|---|
| 13 | Continuity Program | <input type="checkbox"/> Continued <input type="checkbox"/> Stop |
| 14 | Capacity Production Before Program | (ton/kg/etc.) |
| 15 | Capacity Production After Program | (ton/kg/etc.) |
| 16 | Turnover Before Program | Rupiah |
| 17 | Turnover After Program | Rupiah |
| 18 | Source Funding Other | |
| | Source Funding | Stuffing |
| | Amount Funding | Rupiah |
| B | Contribution Partner | |
| 1 | Role Partner in Activity | <input type="checkbox"/> Object Activity <input type="checkbox"/> Subject Activity |
| 2 | Role Partner in Activity | |
| | Active (specify activity Which held) | ..... ... |
| | Passive (explain reason passive) | ..... ... |
| 3 | Role Government Area | <input type="checkbox"/> financial support <input type="checkbox"/> support policy <input type="checkbox"/> support implementation activity |
| 4 | Contribution Funding | Rupiah |
| C | Partner Giver Fund | |
| 1 | Number of staff local government/district government/municipal government Which participate | Person |
| 2 | Amount staff CSR Which participate | Person |
| 3 | Amount funding from local government/district government/municipal government | Rupiah |
| 4 | Amount funding from CSR | Rupiah |
| 5 | Amount funding from source other | Rupiah |
| 6 | System management fund | <input type="checkbox"/> Managed each (PT Andlocal government/district government/city government) <input type="checkbox"/> Managed by team PBW |
| D | Management Activity | |
| 1 | The role of PT | <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| 2 | Role local government/district government/municipal government | <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| 3 | Role CSR | <input type="checkbox"/> Lead preparation |

| No | Indicator Achievements | Options/Fillings |
|----------|--|--|
| | | <ul style="list-style-type: none"> <input type="checkbox"/> Set technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| 4 | Role Public | <ul style="list-style-type: none"> <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| E | Outer Must Program | |
| 1 | Article Scientific on Journal National Accredited SYNTA 1-6 | In accordance with stuffing outer publication in BIMA |
| 2 | Proceedings And Seminar International | In accordance with stuffing outer proceedings in BIMA |
| 3 | Journal international indexed <i>Copernicus</i> /equivalent | In accordance with stuffing outer journal in BIMA |
| 4 | IPR | <ul style="list-style-type: none"> <input type="checkbox"/> Patent <input type="checkbox"/> Simple Patent <input type="checkbox"/> Brand <input type="checkbox"/> Copyright <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication <input type="checkbox"/> Geographical <input type="checkbox"/> Confidential Trade PVP |
| 5 | Publication Media Mass | In accordance with stuffing outer publication media mass in BIMA |
| 6 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... ... |
| | No Increase (Explain) | ..... ... |
| 7 | Enhancement quality system manageregional/village development (quality equipment formal and non-formal organizations formal/ groups inregion, level of use IT, completeness standard procedure management) | |
| | Increase (Explain) | ..... ... |
| | No Increase (Explain) | ..... ... |
| 8 | Repair source Power natural (<i>policy</i> , governance, explorationAnd conservation) | |
| | Increase (Explain) | ..... ... |
| | No Increase (Explain) | ..... ... |
| 9 | Enhancement Application SCIENCE AND TECHNOLOGY | |

| | | |
|----|---------------------------|--------------|
| | Increase (Explain) | ..... ... |
| | No Increase (Explain) | ..... ... |
| 10 | Repair System Mark Public | ..... ... |

| No | Indicator Achievements | Options/Fillings |
|----------|---------------------------------------|--|
| 11 | Method or System | |
| 12 | Product (Goods or Service) | |
| | Goods | ..... ... |
| | Service | ..... ... |
| 13 | Enhancement <i>Income</i> | ..... ... |
| 14 | <i>Transfer knowledge</i> For partner | |
| | There is (Explain) | ..... ... |
| 15 | Technology Appropriate Which given | |
| | There is (Explain) | ..... ... |
| | No There is (Explain) | ..... ... |
| 16 | Completion problem Which applied | ..... ... |
| 17 | Change pattern think Which generated | <ul style="list-style-type: none"> □ Public Involved □ Public Utilise □ Change pattern think, attitude And profit |
| | Explain | ..... ... |
| F | Outer Additional Programs | |
| 1 | Book has an ISBN | ..... ... |

Attachment 15. Format Submission Proposals Devotion to Public Attachment

15.1. Scheme Empowerment Based Public



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

Insurer answer,
Chairman LPPM/ LPM/
Institution Which kind

<TTD>

(.....)

<TTD + Stamp>

(.....)

| A. Summary Scheme Devotion to Public | |
|---|---|
| A.1. Title | |
| A.2 Name Scheme | Empowerment Based Public (PBM) |
| A.3. Theme Field Focus | <input type="checkbox"/> Thematic special (If choose This, carry on to choice in part A.4.) <input type="checkbox"/> RIRN (If choose This, carry on to choice in part A.5.) |
| A.4. Focus Plane Thematic Special | <input type="checkbox"/> Economy Green <input type="checkbox"/> Economy Blue <input type="checkbox"/> Economy Digital <input type="checkbox"/> Development Tourist <input type="checkbox"/> Independence Health |
| A.5. Focus Plane RIRN | <input type="checkbox"/> Energy <input type="checkbox"/> Food <input type="checkbox"/> Social Humanities <input type="checkbox"/> Material Proceed <input type="checkbox"/> Maritime Affairs <input type="checkbox"/> Disaster <input type="checkbox"/> Health <input type="checkbox"/> Transportation <input type="checkbox"/> Technology Information and <input type="checkbox"/> Resilience And Security Communication |
| A.6. Room scope | <input type="checkbox"/> Beginner Community Empowerment (PMP) : specifically for lecturer Which originate from college tall with cluster pratama. Own objective For empowering partner from group the general public, groups of people who move within field economy And group public Which Study entrepreneurship with duration minimum 6 month. <input type="checkbox"/> Empowerment Partnership Public (PMK) : specialized to lecturers from universities with clusters main, intermediate, And pratama. Own objective For empowering partner from group public general, community groups engaged in the economic and group of people who study entrepreneurship for a long time minimum 8 month. <input type="checkbox"/> Community Empowerment by Students (PMM) : specifically for lecturers from universities with main, middle and primary clusters that have programs KKN (Real Work Lecture). Have a goal to improve sympathy and empathy for students' concern for society with duration minimum 6 month. |
| A.7. Fund Ministry of Education and Culture proposal | IDR XX |
| A.8. Fund partners/parties other (If There is) | IDR XX |
| A.9. Fund partners/parties other <i>in-kind</i> (If There is) | IDR XX |
| A.10. Amount lecturer Which involved | XX person |
| A.11. Amount student Which involved | XX person |

B. Introduction

Introduction No more from 1,000 say Which containing **analysis situation And problem partner** Which will be resolved. The situation analysis description is made comprehensively so that it can illustrate complete partner conditions. The situation analysis is explained based on the existing conditions of partners/communities that will be empowered, supported by partner profiles with data and images Which informative. Specifically For partner Which move in field economy And Study entrepreneurship. Existing conditions are made complete upstream and downstream of the business. The purpose of the activity and its relationship with MBKM, IKU, And focus devotion need outlined.

C. Problem And Solution

C.1. Problem Priority (linked with A4 or A5)

priority problem consists of 500 words containing a description of what will be handled minimum 2 (two) fields/aspects of activity. For an economically productive and prospective society New entrepreneurship covers the fields of production, business management and marketing (upstream and downstream of the business). For non-productive community groups (general public) then the problems are in accordance with need group the, like enhancement service, enhancement peace community, improving/assisting service facilities in all fields, such as social, culture, economy, security, health, education, law, and various other issues in a way comprehensive. Priority problem made in a way Specific. Objective activity And connection with IKU And focus devotion need outlined.

C.2. Solution

Solution problem maximum consists on 1,500 say Which containing description all solution Which offered For finish problem Which faced. Description complete part solution problem load things following.

- a. Write down all **the solutions offered** to solve the problems faced by partners in a way systematic in accordance with priority problem. Solution must related right with problem partner priorities.
- b. Write it down **target outer** Which will generated from each solution the Good in facet production and business management (for productive economic partners / leading to the economy productive) or appropriate with a solution above specific problems faced partners of group public Which No productive in a way economic/social.
- c. Each solution has its own **output completion target** /achievement indicators and wherever possiblePossible measurable or can quantified And pour in form table.
- d. **Description results research team proposer or researcher Which related** with activity Which will held, will own mark plus.

D. Method

Method implementation maximum consists on 1,500 say Which explain stages or step- steps in implementing the solutions offered to overcome partner problems. Description complete part method implementation For overcome problem in accordance stages following.

1. For Partners who are engaged in the productive economic sector and are aiming towards a productive economy, then the method of implementing activities is related to stages in at least 2 (two) fields problem Which different Which handled on partner, like:
 - a. Problem in field production.
 - b. Problem in field management.
 - c. Problem in field marketing, And etc.

2. For Partners who are economically/socially unproductive in at least 2 (two) problem areas , **state the stages or steps in implementing the service** undertaken in order to do so implement solutions to specific problems faced by partners. Implementation of the solution These are made systematically and include health services, education, security and conflict social, ownership land, need water clean, blind script And etc.
3. Describe How participation partner in implementation program.
4. Describe How evaluation implementation program And continuity program in fieldafter activity finished held.
5. Describe role And task from each member team in accordance with competence And assignment student.
6. Describe potency recognition SKS for student Which involved.

E. Timetable Implementation And Summary Budget

| TIMETABLE IMPLEMENTATION | | | | | | | | | |
|--------------------------|---------------|-------|---|---|---|---|---|---|---|
| No | Nama Kegiatan | Bulan | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

| SUMMARY WED | | | | |
|-------------|-------------------------------------|-------------|-----------------------|--------------------|
| No | Jenis Pembelian | Jumlah Dana | | |
| | | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

F. Outcomes and Achievement Targets

| No. | Outer | Target Achievements | Key Performance Indicators(IKU) Related | Target Achievements IKU |
|-----|-------|---------------------|---|-------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

G. Team Executor

| No. | Name | Institution | Position in Team | Description Task |
|-----|------|-------------|------------------|------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

H. List References

The bibliography is arranged and written based on a number system (*Vancouver style*) in sequence quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography.

I. Description SCIENCE AND TECHNOLOGY

Description containing description maximum 500 say explain overview of science and technology Which willimplemented in partner target. Made in form schematic, be equipped with Images/Photos And narrative.

J. Map Location Partner Target

Map location partner target containing picture map location partner Which be equipped with explanation distancepartner target with PT proposer. Picture map Which can inserted can form JPG/PNG.

K. Attachment

1. Biodata Proposer (Attachment 1) Format Attachment 16. Format Biodata Chairman/MembersTeam Executor.
2. Description technology Which applied to partner (Attachment 2).
3. Map Which describe distance location activity from college tall proposer (Attachment 3).
4. Letter statement willingness Work The same partner Which signed by partner And stamped Rp. 10,000 (Attachment 4) Format Attachment 17. Formats Letter Statement Willingness Work Same.
5. Letter Statement Originality Proposal Which signed by chairman executor And stampedRp. 10,000 (Attachment 5) Format Attachment 18. Formats Statement letter Originality Proposal.
6. Details Plan Budget Cost (Attachment 6) Format Attachment 19. Format Plan BudgetCost (WED).
7. Special room scope PUK: Letter recommendation Chairman LPM/LPPM/P3M/DPPM Which state that business campus the can proposed in room scope PUK And is unitsbusiness campus.

Attachment 15.2. Scheme Empowerment Based Entrepreneurship



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 4 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

Insurer answer,
Chairman LPPM/ LPM/
InstitutionWhich kind

<TTD>

<TTD + Stamp>

(.....)

(.....)

| A. Summary Scheme Devotion to Public | |
|--|--|
| A.1. Title | |
| A.2 Name Scheme | Empowerment Based Entrepreneurship (PBK) |
| A.3. Theme Field Focus | <input type="checkbox"/> Thematic special (If choose This, carry on to choice in part A.4.) <input type="checkbox"/> RIRN (If choose This, carry on to choice in part A.5.) |
| A.4. Focus Plane Thematic Special | <input type="checkbox"/> Economy Green <input type="checkbox"/> Economy Blue <input type="checkbox"/> Economy Digital <input type="checkbox"/> Development Tourist <input type="checkbox"/> Independence Health |
| A.5. Focus Plane RIRN | <input type="checkbox"/> Energy <input type="checkbox"/> Food <input type="checkbox"/> Social Humanities <input type="checkbox"/> Material Proceed <input type="checkbox"/> Maritime Affairs <input type="checkbox"/> Disaster <input type="checkbox"/> Health <input type="checkbox"/> Transportation <input type="checkbox"/> Technology Information and <input type="checkbox"/> Resilience and SecurityCommunication |
| A.6. Room scope | <input type="checkbox"/> Entrepreneurship Based Student (KBM) : KBM aim creating a method for student entrepreneurship training is continuity for student Which combined in Program Creativity Student (PKM), scheme based other entrepreneurship, or current students/alumni pioneering business. <input type="checkbox"/> Empowerment of Regional Featured Product Business Partners (PM-UPUD) : PM-UPUD aims to increase knowledge and Skills cooperative, group business public, And SMEs/MSMEs whose role is to spur product/service growth regional excellence for the domestic market and global market; And improve the quality and quantity of products/services so that they are empowered competitive tall with still stand on uniqueness/characteristics typical the area. <input type="checkbox"/> Campus Business Development (PUK) : PUK aims support autonomy campus college tall through acquisition income independent or partner; And give chance And experience Work to student. |
| A.7. Fund Ministry of Education and Culture proposal | IDR XX |
| A.8. Fund partners/parties other (If There is) | IDR XX |
| A.9. Fund partners/parties other <i>in-kind</i> (If There is) | IDR XX |
| A.10. Amount lecturer Which involved | XX person |
| A.10. Amount student Which involved | XX person |

B. Introduction

The introductory section is a maximum of 2,000 words containing a description of the situation and problem analysis. In introduction outlined condition And problem entrepreneurship in college tall proposer moment This. For activity devotion to public with choice room scope **Entrepreneurship Based Student (KBM)** . Activity must involve student executor PKMK (Entrepreneurship Student Creativity Program)/other PKM (Student Creativity Program), P2MW (Entrepreneurial Student Development Program) and students who are starting new businesses as well product/commodity Which Already generated or for sale. Description be equipped with data/photos product prospective tenants. Inform whether or not there are internal campus business units with the UJI (Service Business) scheme Industry) And PPUPIK (Program Development Business Product Intellectual Campus) in collegetall proposer and explain condition And commodity existing.

Activity devotion to public with choice room scope **Empowerment Partner Regional Featured Product Business (PM-UPUD)** explained product/service Which generated partner is products/services that are regional superior by citing the Village Profile/RPJMDes/RPJMD, or other sources. Attach a statement letter from the Village or Regional Apparatus Organization (OPD) related to this superior product. Community service activities with a choice of space scope of **Campus Business Development (PUK)** , describe the analysis of the situation and conditions of source *revenue generating* in PT, Good Which Already developed nor Which Not yet developed. Situation Analysis with detailed but concise and concise description components regarding the current conditions of partners covering all aspects of the partner's business such as raw materials (supply, quality, alternative sources), production (equipment, capacity, in process control, investment value), process (lay-out, guarantee quality product), product/service (type, amount, specification, quality), distribution product/service until to hand consumer, management (*production planning, accounting-bookkeeping, auditing* , taxation, pattern management, IPR, *inventory*), marketing (technique marketing, price sell product, consumer), HR (qualification And amount, opportunity training), means (room administration, room production, room storage, showrooms, access to road kingdom, electricity, telecommunication). Financial (capital, *cash-flow* , IRR).

C. Problem And Solution

C.1. Problem Priority (linked with A4 or A5)

Problem Partner linked with problem priority (Economy Green, Economy blue, Health Independence, Digital Economy and Tourism Development) or selected scope general. Disclose all identified **production or management problems** (refers to the analysis of the situation and conditions of potential partners) in every aspect of the partner's business, which includes raw materials, production, processes, products, management, distribution, marketing, resources people, facilities and finances. Also reveal **priority issues** that will be handled together partner for 3 years which is the result of an agreement with the partner. Service activities to community with a choice of **Campus Business Development (PUK)** scope , **explain about problems faced in developing income generating** units at PT. Describe about competitors business in public, uniqueness/advantage product compared to with product a type that is already circulating among the public and consumers. **State the type and specifications of the product that will be produced and describe the design, prototype, machine and equipment, process, or system** selected and implemented to develop the business. Describe the product's relationship with Higher Education Findings and IPR, whether PUK products have obtained IPR or have the opportunity get IPR And Also about innovation Which contained in in product PUK. Explain Also regarding the impact and benefits of PUK from a socio-economic perspective for community needs as a whole national.

C.2. Solution

The maximum solutions and problems consist of 1,500 words containing a description of all the solutions offered For finish problem Which faced. For activity devotion to ~~community~~ **Student Based Entrepreneurship (KBM)** scope , **description The complete problem solution section** must describe the solution that will be implemented in the effort increasing entrepreneurship in PT, superiority of science and technology for prospective tenant products in KBM, readiness management, university facilities and institutions related to entrepreneurship in the proposing university, the KBM development solution has its own output and as far as possible Possible measurable or can quantified. Deciphered results research team proposer or from researcher other Which related with activity development entrepreneurship Which will held.

Partner Empowerment scope **Business Regional Featured Products (PM-UPUD)**, description all solution Which offered For solve the problems faced. All solutions offered should resolve problem Which faced partner in a way systematic in accordance with priority problem. Solution must be properly related to the partner's priority problems. Target output that will result from each of these solutions both in terms of production and business management with achievement indicators and wherever possible measurable or quantifiable. The solution will be given to partners for 3 (three) years. Research results of the proposing team or other related researchers with activities/solutions Which will held will give mark plus. Activity community service with a choice of **Campus Business Development** scope **(PUK)** solutions offered to solve problems faced regarding strategy in utilise potency *revenue generating* in PT. Deciphered about solution in business development in accordance with the type/field of business proposed in (PUK). structured, in accordance with upstream and downstream business activities. Mapped solutions for 3 (three) years complete activities and also related research results from the proposing team which will be implemented and developed in PUK.

D. Method

The maximum implementation method consists of 2,000 words explaining the stages or steps. steps in implementing the solutions offered to overcome the problem. For activities devotion to public with choice room scope **Entrepreneurship Based Students (KBM)**, complete description of the implementation method to overcome problems according to the stages of the KBM participant tenant recruitment pattern, referring to the program output, minimum 5 (five) new independent entrepreneurs/year. The approach method that will be applied is such as training entrepreneurship, internships in partner industries, mentoring patterns, supervision of tenants, tenant business financing techniques, patterns of providing technological assistance and settlement methods problem. Possibility of collaboration with similar institutions outside campus and pattern the operation. Explain in detail the preparation, implementation and evaluation of KBM activities refers to the description of the implementation method. Number of tenants who become entrepreneurs per year and a replenishment strategy so that the number of tenants remains at 20 people per year. Deciphered plan for implementing activities within a period of 3 (three) years. Describe the roles and duties of each team member according to their competencies and MBKM student assignments. Describe potency recognition SKS Which obtained student Which involved. Activity devotion to public with choice room scope **Empowerment Partner Business Product Superior Area (PM-UPUD)**, method approach And application SCIENCE AND TECHNOLOGY Which offered For resolve mutually agreed partner issues, suitability of work volume, suitability scale priority And phasing on every year, participation partner in implementation program, evaluation of program implementation and program sustainability in the field and role and task from each member team in accordance with competence And assignment student. Describe potency recognition SKS for student Which involved.

Community service activities with a choice of development scope Campus Business (PUK), describe the business aspect of the activity business plan by dividing it into raw material components, production related to the number, type and capacity of equipment currently available, as well as what is needed within the next three years. Explain the same about the amount of investment value, both existing and needed. For activities in the form of services, to explain *tangible* (measurable) products/work results, for example guidebooks, regulations, systems, certificates and the like. Describe the facilities you have and what you have will required For activity PUK. Process Production concerning process production, system guarantee quality Which will applied, aspect management And Marketing. Aspect HR, financial And means And infrastructure. Deciphered with detailed estimation capital Work Which necessary, predictions three-year minimum cash flow, B/Cratio, break-even point and IRR including the percentage of contribution that can be made given to institutions as income (*income generating*) and proof of receipt of funds assistance from universities (*in kind / in cash*). Explain the profit sharing mechanism with Campus Institutions. Create an activity plan within a period of 3 (three) years. Describe the role And task from each member team in accordance with competence And assignment MBKM students And potency recognition SKS Which students get Which involved.

E. Timetable Implementation And Summary Budget

TIMETABLE

| No | Nama Kegiatan | IMPLEMENTATION | | | | | | | |
|----|---------------|----------------|---|---|---|---|---|---|---|
| | | Bulan | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

SUMMARY WED

| No | Jenis Pembelanjaan | Jumlah Dana | | |
|----|-------------------------------------|-------------|-----------------------|--------------------|
| | | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

F. Outcomes and Achievement Targets

| No. | Outer | Target Achievements | Indicator Performance Main (IKU) Related | Target Achievements IKU |
|-----|-------|---------------------|--|-------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

| G. Team Executor | | | | |
|---|------|-------------|------------------|------------------|
| No. | Name | Institution | Position in Team | Description Task |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |
| H. List References | | | | |
| <p>The bibliography is arranged and written based on a number system (<i>Vancouver style</i>) in sequence quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography.</p> | | | | |
| I. Description Science and Technology | | | | |
| <p>Description science and technology containing description maximum 500 say explain description science and technology Which will implemented in target partners. Made in schematic form, equipped with pictures/photos And narrative.</p> | | | | |
| J. Map Location Partner Target | | | | |
| <p>Map location partner target containing picture map location partner Which be equipped with explanation distancepartner target with PT proposer. Picture map Which can inserted can form JPG/PNG.</p> | | | | |
| K. Attachment | | | | |
| <ol style="list-style-type: none"> 1. Biodata Proposer (Attachment 1) Format Attachment 16. Format Biodata Chairman/MembersTeam Executor . 2. Description technology Which applied to partner (Attachment 2). 3. Map Which describe distance location activity from college tall proposer (Attachment 3). 4. Letter statement willingness Work The same partner Which signed by partner And stamped Rp. 10,000 (Attachment 4) Format Attachment 17. Format Statement letter Willingness Work Same . 5. Letter Statement Originality Proposal Which signed by chairman executor And stampedRp. 10,000 (Attachment 5) Format Attachment 18. Formats Letter Statement Originality Proposal. 6. Details Plan Budget Cost (Attachment 6) Format Attachment 19. Format PlanBudget Cost (WED). | | | | |

Attachment 15.3. Scheme Empowerment Based Regionality



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 4 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

Insurer answer,
Chairman LPPM/ LPM/
InstitutionWhich kind

<TTD>

<TTD + Stamp>

(.....)

(.....)

| | |
|--|-----------|
| A.9. Fund partners/parties other <i>in-kind</i> | IDR XX |
| A.10. Amount lecturer Which involved | XX person |
| A.11. Amount student Which involved | XX person |

| |
|--|
| B. Introduction |
| <p>Introduction No more from 2,000 say Which containing Analysis situation Partner Region (Village/ Subdistrict/Traditional Village) both in terms of potential and problems, including various problems faced region the. Priority problem partner region outlined in form problem regional areas such as: Education, Health, Production (Agriculture, Livestock, Fisheries), Economy, Arts, Socio-Culture, Tourism, Environment and other regional issues. Map minimal two regional problems that will be worked on every year with a variety of problems in them. Describe Objective PBW And outer activity during 3 year outlined in a way short.</p> <p>Touch from college tall form downstream results research multidisciplinary will give accelerating the quality and quantity of village progress in all fields without leaving superior value or characteristic typical Which has owned region the And linked RPJM/Non RPJM. With thereby, A PT-assisted area will be developed which will be formed and funded jointly with the Government Regional/City Government, CSR and other funders. Also describe the proposed areas with Focus areas devotion from government And relationship with achievement IKU College Tall.</p> |
| C. Problem And Solution |
| C.1. Problem Priority (linked with A4 or A5) |
| <p>Priority issues consist of 500 words. Describe the regional priority problem points accordingly agreement with partner Which consists on minimum two field problem region (Education, Health, Production (Agriculture, Farm, Fishery), Economy, Art, Socio-cultural, Tourist, Environment And problem territoriality other) And be equipped with sub problem each each Which will given solution during three year of activity.</p> |
| C.2. Solution |
| <p>The maximum problem solution consists of 1,500 words containing a description of all the solutions offered For finish problem Which faced. Description complete part solution problemload things following.</p> <ol style="list-style-type: none"> Write it down all solution Which offered For finish problem Which faced Village/Subdistrict/Traditional Village systematically according to problem priorities. A solution must be related right with problem priority region the. Write it down indicator achievements which will generated from each solution it's good inside facet production, marketing nor management business or in accordance with solution Specific on problem Which faced by region the. Every solution has separate achievement indicators and as far as possible measurable or achievable quantified. State the research results of the proposing team or other researchers that will be applied to provide solution on problem partner. |

D. Method

The maximum implementation method consists of 2,000 words explaining the stages or steps in implementing the solutions offered to overcome the problems of regional partners. Description complete part method implementation For overcome problem in accordance stages following.

1. Method implementation activity related with stages on minimum 2 (two) field Different regional problems are handled in each Village/Subdistrict/Traditional Village with minimum two group public, like:
 - a. Education And Health, or
 - b. Problem field Agriculture And Education, or
 - c. Problem in Tourist And Environment, or
 - d. Problem in field Economy And production, And etc.
2. For Region Which will developed, state stages or steps Which takenTo use carry out solution on problem Specific Which faced by partner.
3. Describe How participation partner in implementation program.
4. Describe How evaluation implementation program And continuity program in fieldafter activity territoriality finished held.
5. For design activity in period time 3 (three) year.
6. Describe role And task from each member team in accordance with competence And assignment student MBKM.
7. Describe potency recognition SKS Which obtained student .

E. Timetable Implementation And Summary Budget

TIMETABLE IMPLEMENTATION

| No | Nama Kegiatan | Bulan | | | | | | | |
|----|---------------|-------|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

SUMMARY WED

| No | Jenis Pembelanjaan | Jumlah Dana | | |
|----|-------------------------------------|-------------|-----------------------|--------------------|
| | | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

F. Outcomes and Achievement Targets

| No. | Outer | Target Achievements | Indicator Performance Main(IKU) Related | Target Achievements IKU |
|-----|-------|---------------------|---|-------------------------|
| 1 | | | | |
| 2 | | | | |

| | | | | |
|---|-------------|--------------------|-------------------------|-------------------------|
| 3 | | | | |
| ... | | | | |
| G. Team executor | | | | |
| No. | Name | Institution | Position in Team | Description Task |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |
| H. List References | | | | |
| The bibliography is arranged and written based on a number system (<i>Vancouver style</i>) in sequence quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography. | | | | |
| I. Description Science and Technology | | | | |
| Description science and technology containing description maximum 500 say explain description science and technology Which will implemented in partner target. Made in form schematic, be equipped with Images/PhotosAnd narrative. | | | | |
| J. Map Location Partner Target | | | | |
| Map location partner target containing picture map location partner Which be equipped with explanation distancepartner target with PT proposer. Picture map Which can inserted can form JPG/PNG. | | | | |
| K. Attachment | | | | |
| <ol style="list-style-type: none"> 1. Biodata Proposer (Attachment 1) Format Attachment 16. Format Biodata Chairman/MembersTeam Executor . 2. Description technology Which applied to partner (Attachment 2). 3. Map Which describe distance location activity from college tall proposer (Attachment 3). 4. Letter of partner's willingness to cooperate signed by the partner (especially for PW sufficient signing by OPD/SKPD) and stamped Rp. 10,000 (Attachment 4) Format Attachment 17. Format Letter Statement Willingness Work Same . 5. Letter of Statement of Originality of Proposal signed by the chief executive and stamped Rp. 10,000 (Attachment 5) Format Attachment 18. Formats Letter Statement Originality Proposal. 6. Proof of program linkage with RPJMD or RPJMDes or village statement letter priority. 7. Details of Cost Budget Plan (Attachment 6) Attachment Format 19. Plan Format Budget Cost (WED). | | | | |

Attachment 16. Format Biodata Chairman/Members Team Executor

A. Identity Self

| | | |
|---------------------------------|---------------------------------|---|
| 1 | Name Complete (with title) | |
| 2 | Type Sex | L/P |
| 3 | Position Functional | |
| 4 | NIP/NIK/Identity other | |
| 5 | NIDN | |
| 6 | Place And Date Born | |
| 7 | E-mail | |
| 9 | Number Telephone/cellphone | |
| 10 | Address Office | |
| 11 | Number Telephone/Fax | |
| 12 | Graduate of Which Has Generated | S- 1 = ... person; S - 2 = ... person; S - 3 = ... person |
| 13. Eye Studying Which Captured | | 1 |
| | | 2 |
| | | 3 |
| | | Etc. |

B. History Education

| | S-1 | S-2 | S-3 |
|----------------------------------|-----|-----|-----|
| Name College Tall | | | |
| Field Knowledge | | | |
| Year Enter-Pass | | | |
| Title Thesis/Thesis/Dissertation | | | |
| Name Mentor/Promoter | | | |

C. Experience Study In 5 Year Final

(No Thesis, Thesis, nor Dissertation)

| No. | Year | Title Study | Funding | |
|------|------|-------------|---------|------------------|
| | | | Source* | Qty (Million Rp) |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

* Write it down source funding Good from scheme study DIKTI/DICTION nor from source other.

D. Experience Devotion To Public in 5 Year Final

| No. | Year | Title Devotion To Public | Funding | |
|------|------|--------------------------|---------|------------------|
| | | | Source* | Qty (Million Rp) |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

* Write down the source funding both from the schematic devotion to society DIKTI/DICTION nor from source other.

E. Publication Article Scientific on Journal in 5 Year Final

| No. | Title Article Scientific | Name Journal | Volume/ Number/Year |
|------|--------------------------|--------------|---------------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Etc. | | | |

F. Presenter Seminar Scientific (Oral presentation) in 5 Year Final

| No | Name Meeting Scientific / Seminar | Title Article Scientific | Time And Place |
|-----|-----------------------------------|--------------------------|----------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Etc | | | |

G. Work Book in 5 Year Final

| No | Title Book | Year | Amount Page | Publisher |
|------|------------|------|-------------|-----------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

H. Acquisition IPR in 5–10 Year Final

| No. | Title/Theme IPR | Year | Type | Number P/ID |
|------|-----------------|------|------|-------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

I. Experience Formulate Policy Public/Engineering Social Other in 5Year Final

| No. | Title/Theme/Type Manipulation Social Other Which Has Applied | Year | Place Application | Response Public |
|------|--|------|-------------------|-----------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

J. Award in 10 Year Final (from government, association or institution other)

| No. | Type Award | Institution Giver Award | Year |
|------|------------|-------------------------|------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Etc. | | | |

All data that I have filled in and listed in this biodata is correct and valid accountable in a way law. If in Then day it turns out found non- appropriate with reality, I capable accept penalty.

Thereby biodata This I for with Actually For fulfil Wrong One condition in submission Grant

City, date month Year Proposer,

Signed

(Name Complete)

Attachment 17. Format Letter Statement Willingness Work Same

KOP LETTER

(No must)

LETTER STATEMENT WILLINGNESS WORK SAME PARTNER

Letter Number:

Which marked hand in lower This,

Name :
Agency/institution :
Position :
Address :
Number HP :

Hereby declare that they are willing to collaborate with the lecturer according to that name mentioned below, and we hereby declare that among partners with executor activity No there is bond kinship And business in form whatever Also.

Title Devotion :
Name Chairman :
NIDN/NIDK :
Institution :
Position :
Address :
Number HP :
Source funds :

Thereby letter statement willingness Work The same This made For can used as it should.

City, date, month, year
Which make statement

Seal Rp. 10,000

Signed

.....
NIP/NIDN/NIDK
.....

Attachment 18. Format Letter Statement Originality Proposal

<COP COLLEGE HIGH>

LETTER STATEMENT CHAIRMAN PROPOSER

Which marked hand in lower This:

Name :
 NIDN :
 Rank / Group :
 Position Functional :

With This state that proposal I with title:

.....

.....which is
 proposed in

scheme(write schema name)..... u for year budget

..... **nature original And Not yet Once financed by institution / source fund other .**

If any discrepancy is found in the future with this statement, I willing to be sued and processed in accordance with applicable regulations and returned all over cost Which Already accepted to cash country.

Thereby statement This made with actually And with actually.

City, date month Year
 Which state, Chairman

Seal Rp. 10,000

Signed

(Full name)NIP/NIK

Attachment 19. Format Plan Budget Cost (WED)

| 1. Honour | | | | | | |
|---|-----------------------|------------|-----------------|------------------------------|-------|------|
| Honour | Honoraria/ Hours (Rp) | Time OJ/OB | Amount | Honour per Year (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Source person | | | | | | |
| Servant field | | | | | | |
| | | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| 2. Technology And Innovation Which submitted to partner | | | | | | |
| Material | Justification Usage | Quantity | Price Unit (Rp) | Price Equipment Support (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Equipment 1 | | | | | | |
| Equipment 2 | | | | | | |
| Equipment 3 | | | | | | |
| | | | | | | |
| Material 1 | | | | | | |
| Material ...n | | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| 3. Material Training | | | | | | |
| Material | Justification Usage | Quantity | Price Unit (Rp) | Cost per Year (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Material 1 | | | | | | |
| Material 2 | | | | | | |
| Material 3 | | | | | | |
| | | | | | | |
| Material n | | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| 4. Journey And Consumption | | | | | | |
| Material | Justification Usage | Quantity | Price Unit (Rp) | Cost per Year (Rp) | | |
| | | | | Th I | Th I | Th I |
| Journey to place/city - A | | | | | | |
| Journey to place/city - n | | | | | | |
| Consumption 1 | | | | | | |
| Consumption ....n | | | | | | |
| Money daily 1 | | | | | | |
| Money daily.. n | | | | | | |
| SUB TOTAL (Rp) | | | | | | |

| 5. Etc | | | | | | |
|---|-------------------------------------|----------|-----------------|--------------------|-------|------|
| Activity | Justification | Quantity | Price Unit (Rp) | Cost per Year (Rp) | | |
| | | | | Th I | Th... | Th n |
| Administration, Fulfillment outer academic (publications, seminar, IPR, videos, news media mass, reports, others specify) | Survey/ <i>sampling</i> /etc. | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| TOTAL BUDGET WHICH REQUIRED EVERY YEAR (Rp) | | | | Th I | Th... | Th n |
| | | | | | | |
| TOTAL BUDGET WHICH REQUIRED WHOLE YEAR (Rp) | | | | | | |

Attachment 20. Criteria Stages Outer Devotion to Public And Validity Evaluation Outer

Outer all Scheme Devotion to Public consists on eight category as shown on Table A. Details criteria stages outer And validity evaluation each category outer explained on Table BI.

Table A. Outer scheme devotion to public

| No | Category Outer | Empowerment Based Public | | | Empowerment Based Entrepreneurship | | | Empowerment Based Region | |
|----|--|--------------------------|-----|-----|------------------------------------|---------|-----|--------------------------|-----|
| | | PMP | PKM | PMM | KBM | PM-UPUD | PUK | PW | GDP |
| 1. | Publication in national journal ISSN | - | ✓ | ✓ | - | - | - | - | - |
| 2. | Publication in journal national accredited SYNTA 1-6 | - | - | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3. | Publication in proceedings seminar national has an ISBN | ✓ | ✓ | ✓ | - | - | - | - | - |
| 4. | Publication in seminar proceedings international in in country has an ISBN | - | - | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5. | Publication in media mass print/ electronic | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6. | Videos | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7. | Produce businessman new | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8. | Enhancement empowerment partner | | | | ✓ | | | | |
| | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |

Table B. Outer form One article scientific Which published through journal national ISSN

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|--|--|--|--|---------------------|--|--|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Publication in journal national Ber-ISSN | <ul style="list-style-type: none"> Article in Journal National ISSN | <ul style="list-style-type: none"> <i>Accepted</i> | <ul style="list-style-type: none"> Letter information <i>accepted</i> from <i>chief editor</i> or | There is/ available | <ul style="list-style-type: none"> The article hasstatus <i>accepted</i> | <ul style="list-style-type: none"> Name journal Publisher journal Title article Name Writer Article URL (If There is) DOI (If There is) Institution indexer (If There is) | <ul style="list-style-type: none"> Letter information <i>accepted</i> from <i>the chiefeditor</i> <i>Galleys</i> (final manuscript from publisher or <i>preprinted article</i>) | <ul style="list-style-type: none"> Letter information <i>accepted</i> from <i>chief editor</i> No There is Article or <i>galleys</i> (final manuscript from publisher or <i>preprinted article</i>)No There is Year <i>accepted</i> before period activity devotion Article substance No in accordance withtopic activity devotion |
| | | | <ul style="list-style-type: none"> <i>Galleys</i> (manuscript final from publisher or <i>preprinted article</i>) | There is/ available | | | | |
| | | <ul style="list-style-type: none"> <i>Published</i> | <ul style="list-style-type: none"> Article from publisher | There is/ available | <ul style="list-style-type: none"> The article hasstatus <i>published</i> | <ul style="list-style-type: none"> Name journal Publisher journal Title article Name Writer Article URL (If There is) DOI (If There is) Institution indexer (If There is) | <ul style="list-style-type: none"> Article from publisher | <ul style="list-style-type: none"> Article from publisherNo There is Year <i>published</i> before period activity devotion Substance article No according to the topic activity devotion |

Table C. Outer form One article scientific Which published through journal national accredited SYNTA ranking 1-6

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|--|--|------------------|------------------------|---------------------|---|--|------------------------|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> • Publication in journal national accredited SYNTA 1-6 | <ul style="list-style-type: none"> • Article in journal national accredited SYNTA 1-6 | <i>Published</i> | Article from publisher | There is/ available | The article has status <i>published</i> | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • Article URL (If There is) • DOI (If There is) • Institution indexer (If There is) | Article from publisher | <ul style="list-style-type: none"> • Article from publisher No There is • Year <i>published</i> before period service activities Substance article No according to the topic activity devotion |

Table D. Outer form One article scientific Which published in proceedings seminar national has an ISBN

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|---------------------|--|--|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Publication in proceedings seminar national has an ISBN | <ul style="list-style-type: none"> Article in proceedings seminar national has an ISBN | <ul style="list-style-type: none"> <i>Published</i> | <ul style="list-style-type: none"> <i>Covers</i>, list contents, and article Which printed in proceedings | There is/ available | <ul style="list-style-type: none"> Proceedings seminar ber-ISBN | <ul style="list-style-type: none"> Name seminar Execution time seminar Title Article Name Writer Publisher URLs proceedings (IfThere is) Institution Indexer (IfThere is) | <ul style="list-style-type: none"> <i>Covers</i>, list contents, and article in proceedings | <ul style="list-style-type: none"> <i>Cover</i>, table of contents, And article) No There is Proceedings No ber-ISBN Year implementation seminar before activity period devotion Substance article no in accordance withtopic activity devotion |

Table E. Outer form One article scientific Which published in proceedings seminar international has an ISBN in in country

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|--|--|--|---|---------------------|---|---|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Publication in proceedings seminar international has an ISBN on in | <ul style="list-style-type: none"> Article in proceedings seminar international has an ISBN in in country | <ul style="list-style-type: none"> <i>Published</i> | <ul style="list-style-type: none"> <i>Covers</i>, list contents, and article Which printed | There is/ available | <ul style="list-style-type: none"> Proceedings seminar international has an ISBN | <ul style="list-style-type: none"> Name seminar Execution time seminar Title Article Name Writer Publisher URLs proceedings (If | <ul style="list-style-type: none"> <i>Covers</i>, list contents, and article in proceedings | <ul style="list-style-type: none"> <i>Cover</i>, table of contents, And article) No There is Proceedings No ber-ISBN Year implementation |

| | | | | | | | | |
|---------|--|--|----|--|--|--|--|----------------|
| country | | | in | | | | | seminar before |
|---------|--|--|----|--|--|--|--|----------------|

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------|--------|-------------|---------------------|-----------------------------|---|-----------------|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | proceedings | | | There is) • Institution Indexer (IfThere is) | | activity period devotion • Substance article no in accordance with the topic activity devotion |

Table F. Outer form One article Which published in media mass

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|-------------------------------|--------------------------------|----------------------|---------------------|------------------------------------|---|------------------------|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Publication in the media mass | • Article in media print | • <i>Published</i> | • Article Which rise | There is/available | • The article has rise | <ul style="list-style-type: none"> • Name media print • Publisher • Title article • Name Writer • URLs Article (If There is) | • The article has rise | <ul style="list-style-type: none"> • Article Which has rise No There is • Year rise before activity period devotion • Article substance No in accordance with activity topic devotion |
| | • Article in media electronic | • <i>Online / can accessed</i> | • Article Which show | There is/available | • Article has status <i>online</i> | <ul style="list-style-type: none"> • Name media • Title article • Name Writer • URLs Media • URLs article | • The article has show | <ul style="list-style-type: none"> • Article Which has show No There is • Article substance No in accordance with topic activity devotion |

Table G. Outer form videos activity

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------|--------|-------------|---------------------|-----------------------------|-------------------|-----------------|----------|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |

| | | | | | | | | |
|-------------------|------------------------------|--------------------------------|------------------------|---------------------|-----------------------------------|--|------------------------|--|
| • Videos activity | • Videos in media electronic | • <i>Online /</i> can accessed | • Video URL Which show | There is/ available | • Videos has status <i>online</i> | <ul style="list-style-type: none"> • Name media • Video title activity • Name Writer • URLs Media • URLs videos | • Video URL Which show | <ul style="list-style-type: none"> • Missing video URL or not Can accessed • Video substance No in accordance with topic activity devotion |
|-------------------|------------------------------|--------------------------------|------------------------|---------------------|-----------------------------------|--|------------------------|--|

Table H. Outer form activity Which produce businessman new

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|---------------------|---|--|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Business mannew | <ul style="list-style-type: none"> Producefive businessman new | <ul style="list-style-type: none"> Has accomplished | <ul style="list-style-type: none"> Profile business mannew 1 | There is/ available | <ul style="list-style-type: none"> Efforts have been made walk | <ul style="list-style-type: none"> Each profile new entrepreneur (1-5) Name Business man Address Business fields Name Business Name product (If There is) Brand product (if There is) Turnover (If There is) | <ul style="list-style-type: none"> Document each profile businessman new | <ul style="list-style-type: none"> Profile document every entrepreneur new No There is Entrepreneur profile new no fulfil condition |
| | | | <ul style="list-style-type: none"> Profile business mannew 2 | There is/ available | | | | |
| | | | <ul style="list-style-type: none"> Profile business man new 3 | There is/ available | | | | |
| | | | <ul style="list-style-type: none"> Profile business mannew 4 | There is/ available | | | | |
| | | | <ul style="list-style-type: none"> Profile business mannew 5 | There is/ available | | | | |

Table I. Outer form enhancement empowerment partner in accordance problem Which faced

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------------------------|------------|---|---------------------|------------------------------|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Enhancement empowerment partner | • Knowledge partner increase | • Achieved | • Description of results test/score knowledge before and after activity | • Yes/available | • Knowledge partner increase | <ul style="list-style-type: none"> • Name group • group leader partner • Number of members partner • Field of activity partner • Address partner | • Description of results test/score knowledge before and after activity | <ul style="list-style-type: none"> • Description of results test/score knowledge before and after activity does not There is • Document evaluation No in accordance with substance activity |
| | • Skills partner increase | • Achieved | • Description of results test/score Skills before and after activity | • Yes/available | • Skills partner increase | <ul style="list-style-type: none"> • Name group • group leader partner • Number of members partner • Field of activity partner • Address partner | • Description of results test/score Skills before and after activity | <ul style="list-style-type: none"> • Description of results test/score Skills before and after activity does not There is • Document evaluation No in accordance with substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|----------------------------|------------|---|---------------------|-----------------------------|---|---|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Enhancement partner empowerment | • Health partner increase | • Achieved | • Description enhancement health before and after activity | • Yes/available | • Health partner increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field of activity partner • Address partner | • Description enhancement health before and after activity | <ul style="list-style-type: none"> • Description enhancement health before and after activity No There is • Document evaluation No in accordance with substance activity |
| | • Income partner increase | • Achieved | • Description enhancement income before and after activity | • Yes/available | • Income partner increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field of activity partner • Address partner | • Description enhancement income before and after activity | <ul style="list-style-type: none"> • Description enhancement income before and after activity No There is • Document evaluation No in accordance with substance activity |
| • Enhancement partner empowerment | • Service partner increase | • Achieved | • Description enhancement quantity And quality Service before And after | • Yes/available | • Service partner increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field activity partner | • Description enhancement quantity And quality Service before And after | • Description enhancement quantity And quality Service |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-------------------------------|---|--|--|---|---|---|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | activity | | | <ul style="list-style-type: none"> Address partner | activity | before And after activity No There is <ul style="list-style-type: none"> Document evaluation it is not in accordance withwith substance activity |
| | <ul style="list-style-type: none"> Quality partner products increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancementquality product before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Quality partner products increase | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancementquality product before and after activity | <ul style="list-style-type: none"> Description increase n quality product before And after activity does notThere is Document evaluation it is not in accordance withwith substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|--|--|--|---|--|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> • Enhancement partner empowerment | <ul style="list-style-type: none"> • Amount partner products increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description enhancement number of products before and after activity | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Amount partner products increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field of activity partner • Address partner | <ul style="list-style-type: none"> • Description enhancement Amount product before and after activity | <ul style="list-style-type: none"> • Description enhancement amount product before and after activity • Document evaluation No in accordance with substance activity |
| | <ul style="list-style-type: none"> • Types of products partner increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description enhancement types of products before and after activity | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Types of products partner increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field of activity partner • Address partner | <ul style="list-style-type: none"> • Description enhancement types of products before and after activity | <ul style="list-style-type: none"> • Description enhancement types of products before and after activity • Document evaluation No in accordance with substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|--------------------------------------|--|------------|---|---------------------|--|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Enhancement empowerment partner | • Capacity production partner increase | • Achieved | • Description enhancement capacity production before and after activity | • Yes/available | • Capacity production partner increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Amount member partner • Field of activity partner • Address partner | • Description enhancement capacity production before and after activity | <ul style="list-style-type: none"> • Description enhancement capacity production before And after activity No There is • Document evaluation No in accordance with substance activity |
| | • Success partner do export | • Achieved | • Document Delivery product export | • Yes/available | • Success partner do export | <ul style="list-style-type: none"> • Name group partner • group leader partner • Amount member partner • Field of activity partner • Address partner | • Document delivery product export | • Description product which exported | • Document delivery product export no There is • Description product Which exported • Name product it is not in accordance with substance devotion |
| • Description product which exported | | | • Yes/available | | | | | |
| • Enhancement empowerment partner | • Success partner do marketing | • Achieved | • Document delivery product | • Yes/available | • Success partner do between island | <ul style="list-style-type: none"> • Name group partner • group leader partner • Amount member | • Document delivery product | • Description product which marketed No There is |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-------------------------------|---|--|--|---|---|---|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | between island | | <ul style="list-style-type: none"> Description product which marketed | <ul style="list-style-type: none"> Yes/available | increase | <ul style="list-style-type: none"> partner Field of activity partner Address partner | product which marketed | <ul style="list-style-type: none"> Document delivery product No There is Name product Noin accordance with substance devotion |
| | <ul style="list-style-type: none"> Total assets partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement total assets before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Total assets increase | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement total assets before and after activity | <ul style="list-style-type: none"> Description increase n amount asset before And after activity No There is Document evaluation it is not in accordance withwith substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|---|---|---|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> • Enhancement partner empowerment | <ul style="list-style-type: none"> • Amount partner turnover increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description enhancement total turnover before and after activity | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Amount turnover increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field of activity partner • Address partner | <ul style="list-style-type: none"> • Description enhancement total turnover before and after activity | <ul style="list-style-type: none"> • Description enhancement amount turnover before and after activity No There is • Document evaluation No in accordance with substance activity |
| | <ul style="list-style-type: none"> • Amount power Work partner increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description improvement amount of powerWork before and after the activity | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Amount power Work increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Number of members partner • Field of activity partner • Address partner | <ul style="list-style-type: none"> • Description improvement amount of powerWork before and after the activity |  | • Description improvement amount of powerWork before and after the activity not There is • Document evaluation No in accordance with substance activity |
| <ul style="list-style-type: none"> • Enhancement partner empowerment | <ul style="list-style-type: none"> • Ability management partner increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description of results test/score ability management before And | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Ability management increase | <ul style="list-style-type: none"> • Name group partner • group leader partner • Amount member partner | <ul style="list-style-type: none"> • Description of results test/score ability management before And | <ul style="list-style-type: none"> • Description test results/score ability management |

| | | | | | | | | |
|--|--|--|--|--|--|--|--|------------|
| | | | | | | | | before And |
|--|--|--|--|--|--|--|--|------------|

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|---|---|---|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | afteractivity | | | <ul style="list-style-type: none"> Field of activity partner Address partner | afteractivity | after activity No There is <ul style="list-style-type: none"> Document evaluation No in accordance with substance activity |
| | <ul style="list-style-type: none"> Revenue generating partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement Profit before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Revenue generating increase | <ul style="list-style-type: none"> Name group partner group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement Profit before and after activity | <ul style="list-style-type: none"> Description enhancement Profit before and after activity No There is Document evaluation No in accordance with substance activity |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Income generating partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement income generating before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Income generating increase | <ul style="list-style-type: none"> Name group partner Chairman group partner Amount member partner Field activity partner Address partner | <ul style="list-style-type: none"> Description enhancement income generating before and after activity | <ul style="list-style-type: none"> Description enhancement income generating before and after activity No There is Document evaluation does not in accordance |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|--|--|--|--|--|--|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | | | | | | with substance activity |
| | <ul style="list-style-type: none"> Product certified partner | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description Product Which certified | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Product certified | <ul style="list-style-type: none"> Name group Chairman group partner Amount member partner Field activity partner Address partner Name product Number certificate Granting institution certification | <ul style="list-style-type: none"> Description Product Which certified Certificate product | <ul style="list-style-type: none"> Description Product Which certified No There is Certificate product No There is |
| | | | <ul style="list-style-type: none"> Certificate product | <ul style="list-style-type: none"> Yes/available | | | | |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Product standardized partner | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description Products that standardized | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Product standardized | <ul style="list-style-type: none"> Name group Chairman's name group partner Number of members partner Field of activity partner address partner Aama product Document number standardization Institution giver standardization | <ul style="list-style-type: none"> Description Products that standardized Document Standardization | <ul style="list-style-type: none"> Description Product Which standardized No There is Document Standardization No There is |
| | | | | <ul style="list-style-type: none"> Document Standardization product |  |  |  |  | Yes/available |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-------------------------------|---|--|---|---|---|---|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | <ul style="list-style-type: none"> Business unitbody law | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Unit Description that effort has body law | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Business registered | <ul style="list-style-type: none"> Name group partner Chairman's name group partner Number of members partner Field of activity partner Address partner Name units Decision number body law Granting institutionstatus body law | <ul style="list-style-type: none"> Description Units that effort has body law Document decision body law | <ul style="list-style-type: none"> Description Business units that have body the law does not There is Document decision body the law does notThere is |
| | | | <ul style="list-style-type: none"> Document decision body law | <ul style="list-style-type: none"> Yes/available | | | | |

Attachment 21. Letter Statement Ability Implementation And Drafting Report Devotion to Public

< KOP COLLEGE TALL >

STATEMENT OF ABILITY TO IMPLEMENT AND ORGANIZATION REPORT DEVOTION TO PUBLIC

I Which marked hand in lower This:

Name :
NIDN :
Institution :

In connection with Contract Devotion to Public:

Date Contract Parent* :
Number Contract Parent* :
Date Contract Derivative** :
Number Contract Derivative** :
Title :
Year Suggestion :
Year Implementation :
Period Time : ... year
Period : Year to ... from ... year*
Funds :

| Period | Fund (Rp) |
|----------|-----------|
| 1st year | |
| 2nd year | |
| 3rd year | |

I hereby declare that I am fully responsible for completing the implementation community service as well as uploading progress reports, final reports and output promises must.

If until with period solution work as arranged in Contract The aforementioned Community Service was negligent/breach of promise/default and/or occurred termination Contract Devotion to Public, I willing For return/redeposit money to the state treasury in the amount of the remaining value of the work that has not been done There is his achievements.

Thereby letter statement This made with Actually.

... ,

Seal Rp. 10,000

Signed

(Full name)

Information:

*filled in date And number Contract Parent between DRTPM with LP/LPPM College Tall Countryor LLDIKTI

**Contract Derivative:

- For College Tall Country filled date And number contract between LP/LPPM CollegeTall with Executor
- For College Tall Private filled date And number contract LLDIKTI with PTS And PTS with Executor Which separated with sign coma (,)

PART 2 RESEARCH GUIDE AND DEVOTION TO PUBLIC

DIRECTORATE ACADEMIC EDUCATION TALL VOCATIONAL

Attachment 22. Field Knowledge

| Code | Field Level Science | |
|------------|---|----------|
| 100 | MATH AND KNOWLEDGE KNOWLEDGE NATURAL (MIPA) | 1 |
| 110 | SCIENCE Science | 2 |
| 111 | Physics | 3 |
| 112 | Chemistry | 3 |
| 113 | Biology (And Biotechnology General) | 3 |
| 114 | Field Ipa Other Which Not yet Listed | 3 |
| 120 | MATHEMATICS | 2 |
| 121 | Mathematics | 3 |
| 122 | Statistics | 3 |
| 123 | Knowledge Computer | 3 |
| 124 | Field Mathematics Other Which Not yet Listed | 3 |
| 130 | EARTH AND SPACE | 2 |
| 131 | Astronomy | 3 |
| 132 | Geography | 3 |
| 133 | Geology | 3 |
| 134 | Geophysics | 3 |
| 135 | Meteorology | 3 |
| 136 | Field Geophysics Other Which Not yet Listed | 3 |
| 140 | KNOWLEDGE PLANT | 1 |
| 150 | KNOWLEDGE AGRICULTURE AND PLANTATION | 2 |
| 151 | Knowledge Land | 3 |
| 152 | Horticulture | 3 |
| 153 | Pest Science And Disease Plant | 3 |
| 154 | Cultivation Agriculture And Plantation | 3 |
| 155 | Plantation | 3 |
| 156 | Breeding Plant | 3 |
| 157 | Field Agriculture & Plantation Other Which Not yet Listed | 3 |
| 160 | TECHNOLOGY IN KNOWLEDGE PLANT | 2 |
| 161 | Technology Industry Agriculture (And Agrotechnology) | 3 |
| 162 | Technology Results Agriculture | 3 |
| 163 | Technology Agriculture | 3 |
| 164 | Mechanization Agriculture | 3 |
| 165 | Technology Food And Nutrition | 3 |
| 166 | Technology Post Harvest | 3 |

| Kode | Bidang Ilmu | Level |
|------|--|-------|
| 167 | Technology Plantation | 3 |
| 168 | Biotechnology Agriculture And Plantation | 3 |
| 169 | Knowledge Food | 3 |
| 171 | Field Technology In Knowledge Plant Which Not yet Listed | 3 |
| 180 | KNOWLEDGE SOCIOLOGY AGRICULTURE | 2 |
| 181 | Agricultural Socioeconomics | 3 |
| 182 | Nutrition Public And Source Power Family | 3 |
| 183 | Economy Agriculture | 3 |
| 184 | Sociology Rural | 3 |
| 185 | Agribusiness | 3 |
| 186 | Counselor Agriculture | 3 |
| 187 | Field Sociology Agriculture Other Which Not yet Listed | 3 |
| 190 | KNOWLEDGE FORESTRY | 2 |
| 191 | Cultivation Forestry | 3 |
| 192 | Conservation Resource Forest | 3 |
| 193 | Management Forest | 3 |
| 194 | Technology Results Forest | 3 |
| 195 | Field Forestry Other Which Not yet Listed | 3 |
| 200 | KNOWLEDGE ANIMAL | 1 |
| 210 | KNOWLEDGE FARM | 2 |
| 211 | Knowledge Farm | 3 |
| 212 | Social Economy Farming | 3 |
| 213 | Nutrition And Food Cattle | 3 |
| 214 | Technology Results Cattle | 3 |
| 215 | Development Farm | 3 |
| 216 | Production Cattle | 3 |
| 217 | Cultivation Cattle | 3 |
| 218 | Production And Technology Feed Cattle | 3 |
| 219 | Biotechnology Farm | 3 |
| 221 | Science Veterinary | 3 |
| 222 | Field Farm Other Which Not yet Listed | 3 |
| 230 | KNOWLEDGE FISHERY | 2 |
| 231 | Social Economy Fishery | 3 |
| 232 | Resource Utilization Fishery | 3 |
| 233 | Cultivation Fishery | 3 |
| 234 | Processing Results Fishery | 3 |
| 235 | Source Power Waters | 3 |
| 236 | Nutrition And Food Fish | 3 |
| 237 | Technology Arrest Fish | 3 |
| 238 | Biotechnology Fishery | 3 |
| 239 | Cultivation Waters | 3 |
| 241 | Field Fishery Other Which Not yet Listed | 3 |
| 250 | KNOWLEDGE MEDICAL ANIMAL | 2 |

| Code | Field Knowledge | Levels |
|------------|---|----------|
| 251 | Medical Animal | 3 |
| 252 | Field Medical Animal Other Which Not yet Listed | 3 |
| 260 | KNOWLEDGE MEDICAL | 1 |
| 270 | KNOWLEDGE MEDICAL SPECIALIST | 2 |
| 272 | Anesthesia | 3 |
| 273 | Surgery (General, Plastic, Orthopedics, Urology, Etc) | 3 |
| 274 | Midwifery And Disease Content | 3 |
| 275 | Medical Forensics | 3 |
| 276 | Medical Sport | 3 |
| 277 | Disease Child | 3 |
| 278 | Knowledge Medical Nuclear | 3 |
| 279 | Knowledge Medical Physique And Rehabilitation | 3 |
| 281 | Disease ENT | 3 |
| 282 | Pathology Anatomy | 3 |
| 283 | Pathology Clinic | 3 |
| 284 | Disease In | 3 |
| 285 | Disease Heart | 3 |
| 286 | Disease Skin And Sex | 3 |
| 287 | Disease Eye | 3 |
| 288 | Knowledge Medical Physique And Rehabilitation | 3 |
| 289 | Disease Lungs | 3 |
| 291 | Disease Nerves | 3 |
| 293 | Microbiology Clinic | 3 |
| 294 | Neurology | 3 |
| 295 | Psychiatry | 3 |
| 296 | Radiology | 3 |
| 297 | Rehabilitation Medic | 3 |
| 298 | Field Medical Specialist Other Which Listed | 3 |
| 300 | KNOWLEDGE MEDICAL (ACADEMIC) | 2 |
| 301 | Biology Reproduction | 3 |
| 303 | Knowledge Biology Reproduction | 3 |
| 304 | Knowledge Biomedicine | 3 |
| 305 | Knowledge Medical General | 3 |
| 306 | Knowledge Medical Base | 3 |
| 307 | Knowledge Medical Base & Biomedicine | 3 |
| 308 | Knowledge Medical Family | 3 |
| 309 | Knowledge Medical Clinic | 3 |
| 311 | Knowledge Medical Tropical | 3 |
| 312 | Immunology | 3 |
| 313 | Medical Work | 3 |
| 314 | Health Reproduction | 3 |
| 315 | Field Knowledge Medical Other Which Not yet Listed | 3 |
| 320 | KNOWLEDGE SPECIALIST MEDICAL TOOTH AND MOUTH | 2 |

| Code | Field Knowledge | Levels |
|------|---|----------|
| 321 | Medical Tooth | 3 |
| 322 | Surgery Mouth | 3 |
| 323 | Disease Mouth | 3 |
| 324 | Periodontics | 3 |
| 325 | Orthodontics | 3 |
| 326 | Prosthodontics | 3 |
| 327 | Conservation Tooth | 3 |
| 328 | Field Specialist Medical Tooth Other Which Not yet Listed | 3 |
| 330 | KNOWLEDGE MEDICAL TOOTH (ACADEMIC) | 2 |
| 331 | Knowledge Medical Tooth | 3 |
| 332 | Knowledge Medical Tooth Base | 3 |
| 333 | Knowledge Medical Tooth Community | 3 |
| 334 | Field Knowledge Medical Tooth Other Which Not yet Listed | 3 |
| 340 | KNOWLEDGE HEALTH | 1 |
| 350 | KNOWLEDGE HEALTH GENERAL | 2 |
| 351 | Health Public | 3 |
| 352 | Safety And Health Work (Health Work; Hyperkes) | 3 |
| 353 | Policy Health (And Health analyst) | 3 |
| 354 | Knowledge Nutrition | 3 |
| 355 | Epidemiology | 3 |
| 356 | Technique Health Environment | 3 |
| 357 | Promotion Health | 3 |
| 358 | Knowledge Insurance Soul and Health | 3 |
| 359 | Health Environment | 3 |
| 361 | Knowledge Exercise Body | 3 |
| 362 | Field Health General Other Which Not yet Listed | 3 |
| 370 | KNOWLEDGE NURSING AND MIDWIFERY | 2 |
| 371 | Knowledge Nursing | 3 |
| 372 | Midwifery | 3 |
| 373 | Home Administration Sick | 3 |
| 375 | Entomology (Health, Phytopathology) | 3 |
| 376 | Knowledge Biomedicine | 3 |
| 377 | Ergonomics Physiology Work | 3 |
| 378 | Physiotherapy | 3 |
| 379 | Analyst Medical | 3 |
| 381 | Physiology (Sports) | 3 |
| 382 | Reproduction (Biology And Health) | 3 |
| 383 | Acupuncture | 3 |
| 384 | Rehabilitation Medic | 3 |
| 385 | Field Nursing & Midwifery Other Which Not yet Listed | 3 |
| 390 | KNOWLEDGE PSYCHOLOGY | 2 |
| 391 | Psychology General | 3 |
| 392 | Psychology Child | 3 |



| Code | Field Knowledge | Levels |
|------------|---|----------|
| 393 | Psychology Public | 3 |
| 394 | Psychology Work (Industry) | 3 |
| 395 | Field Psychology Other Which Not yet Listed | 3 |
| 400 | KNOWLEDGE PHARMACY | 2 |
| 401 | Pharmacy General And Pharmacist | 3 |
| 402 | Pharmacology And Pharmacy Clinic | 3 |
| 403 | Biology Pharmacy | 3 |
| 404 | Analysis Pharmacy And Chemistry Medicinal | 3 |
| 405 | Pharmaceuticals And Technology Pharmacy | 3 |
| 406 | Pharmacy Food And Security Analysis Food | 3 |
| 407 | Pharmacy Others that haven't Listed | 3 |
| 410 | KNOWLEDGE TECHNIQUE | 1 |
| 420 | TECHNIQUE CIVIL AND PLANNING SYSTEM ROOM | 2 |
| 421 | Technique Civil | 3 |
| 422 | Technique Environment | 3 |
| 423 | Design City | 3 |
| 424 | Planning Region And City | 3 |
| 425 | Technique Irrigation | 3 |
| 426 | Technique Architecture | 3 |
| 427 | Technology Tool Heavy | 3 |
| 428 | Transportation | 3 |
| 429 | Field Technique Civil Other Which Not yet Listed | 3 |
| 430 | KNOWLEDGE TECHNIQUE INDUSTRY | 2 |
| 431 | Technique Machine (And Machinery Science Other) | 3 |
| 432 | Technique Production (And Or Manufacturing) | 3 |
| 433 | Technique Chemistry | 3 |
| 434 | Technique (Industry) Pharmacy | 3 |
| 435 | Technique Industry | 3 |
| 436 | Aviation/Aeronautics And Astronautics | 3 |
| 437 | Technique Textiles (Textile) | 3 |
| 438 | Technique Refrigeration | 3 |
| 439 | Biotechnology In Industry | 3 |
| 441 | Technique Nuclear (And Or Knowledge Nuclear Other) | 3 |
| 442 | Technique Physics | 3 |
| 443 | Technique Energy | 3 |
| 444 | Sensing Far | 3 |
| 445 | Technique Materials (Science Material) | 3 |
| 446 | Field Engineering Industry Other Which Not yet Listed | 3 |
| 450 | TECHNIQUE ELECTRO AND INFORMATICS | 2 |
| 451 | Technique Electro | 3 |
| 452 | Technique Power Electric | 3 |
| 453 | Technique Telecommunication | 3 |
| 454 | Technique Electronics | 3 |

| Code | Field Knowledge | Levels |
|-------------|--|---------------|
| 455 | Technique Control (Or Instrumentation And Control) | 3 |
| 456 | Technique Biomedicine | 3 |
| 457 | Technique Computer | 3 |
| 458 | Technique Informatics | 3 |
| 459 | Knowledge Computer | 3 |
| 461 | System Information | 3 |
| 462 | Technology Information | 3 |
| 463 | Technique Device Soft | 3 |
| 464 | Technique Mechatronics | 3 |
| 465 | Field Technique Electro And Informatics Other Which Not yet Listed | 3 |
| 470 | TECHNOLOGY EARTH | 2 |
| 471 | Technique Hot Earth | 3 |
| 472 | Technique Geophysics | 3 |
| 473 | Technique Mining (Manipulation Mining) | 3 |
| 474 | Technique Petroleum (Petroleum) | 3 |
| 475 | Technique Geology | 3 |
| 476 | Technique Geodesy | 3 |
| 477 | Technique Geomatics | 3 |
| 478 | Field Technology Earth Other Which Not yet Listed | 3 |
| 480 | KNOWLEDGE SHIPPING | 2 |
| 481 | Technique Shipping | 3 |
| 482 | Technique Machinery Boat | 3 |
| 483 | Technique System Shipping | 3 |
| 484 | Technique Marine And Knowledge Marine | 3 |
| 485 | Oceanography (Oceanology) | 3 |
| 486 | Field Shipping Other Which Not yet Listed | 3 |
| 500 | KNOWLEDGE LANGUAGE | 1 |
| 510 | SUB FIELD KNOWLEDGE LITERATURE (AND LANGUAGE) INDONESIA AND AREA | 2 |
| 511 | Literature (And Language) Area (Java, Sunda, Batak Etc) | 3 |
| 512 | Literature (And Language) Indonesia | 3 |
| 513 | Literature (And Language) Indonesia Or Area Other | 3 |
| 520 | KNOWLEDGE LANGUAGE | 2 |
| 521 | Knowledge Linguistics | 3 |
| 522 | Journalism | 3 |
| 523 | Knowledge Literature General | 3 |
| 524 | Record management | 3 |
| 525 | Knowledge Library | 3 |
| 526 | Field Knowledge Language Other Which Not yet Listed | 3 |
| 530 | KNOWLEDGE LANGUAGE FOREIGN | 2 |
| 531 | Literature (And Language) English | 3 |
| 532 | Literature (And Language) Japan | 3 |
| 533 | Literature (And Language) China (Mandarin) | 3 |
| 534 | Literature (And Language) Arab | 3 |

| Code | Field Knowledge | Level |
|------------|--|----------|
| 535 | Literature (And Language) Korea | 3 |
| 536 | Literature (And Language) German | 3 |
| 537 | Literature (And Language) Malay | 3 |
| 538 | Literature (And Language) Dutch | 3 |
| 539 | Literature (And Language) France | 3 |
| 541 | Field Literature (And Language) Foreign Others Yang Not yet Listed | 3 |
| 550 | KNOWLEDGE ECONOMY | 1 |
| 560 | KNOWLEDGE ECONOMY | 2 |
| 561 | Economy Development | 3 |
| 562 | Accountancy | 3 |
| 563 | Economy Sharia | 3 |
| 564 | Banking | 3 |
| 565 | Taxation | 3 |
| 566 | Insurance Commerce (Loss) | 3 |
| 567 | Notary | 3 |
| 568 | Field Economy Other Which Not yet Listed | 3 |
| 570 | MANAGEMENT SCIENCE | 2 |
| 571 | Management | 3 |
| 572 | Management Sharia | 3 |
| 573 | Administration Finance (Office, Tax, Hotel, Logistics, Etc) | 3 |
| 574 | Marketing | 3 |
| 575 | Management Transportation | 3 |
| 576 | Management Industry | 3 |
| 577 | Management Informatics | 3 |
| 578 | Secretariat | 3 |
| 579 | Field Management Which Not yet Listed | 3 |
| 580 | KNOWLEDGE SOCIAL HUMANITIES | 1 |
| 590 | KNOWLEDGE POLITICAL | 2 |
| 591 | Knowledge Political | 3 |
| 592 | Criminology | 3 |
| 593 | Connection International | 3 |
| 594 | Knowledge Administration (Commerce, Country, Public, Development, Etc) | 3 |
| 595 | Criminology | 3 |
| 596 | Knowledge Law | 3 |
| 597 | Knowledge Government | 3 |
| 601 | Knowledge Social And Political | 3 |
| 602 | Studies Development (Planning Development, Region, City) | 3 |
| 603 | Resilience National | 3 |
| 604 | Knowledge Police | 3 |
| 605 | Policy Public | 3 |
| 606 | Field Knowledge Political Other Which Not yet Listed | 3 |
| 610 | KNOWLEDGE SOCIAL | 2 |
| 611 | Knowledge Well-being Social | 3 |

| Code | Field Knowledge | Levels |
|------------|---|----------|
| 612 | Sociology | 3 |
| 613 | Humanities | 3 |
| 614 | Study Region (Europe, Asia, Japan, East Middle Etc) | 3 |
| 615 | Archeology | 3 |
| 616 | Knowledge Sociatrics | 3 |
| 617 | Population (Demography, And Knowledge Population Other) | 3 |
| 618 | History (Knowledge History) | 3 |
| 619 | Study Culture | 3 |
| 621 | Communication Broadcasting Islam | 3 |
| 622 | Knowledge Communication | 3 |
| 623 | Anthropology | 3 |
| 624 | Field Social Other Which Not yet Listed | 3 |
| 630 | RELIGION AND PHILOSOPHY | 1 |
| 640 | KNOWLEDGE KNOWLEDGE (KNOWLEDGE) RELIGION | 2 |
| 641 | Religion Islam | 3 |
| 642 | Religion Catholic | 3 |
| 643 | Religion Christian And Theology | 3 |
| 644 | Sociology Religion | 3 |
| 645 | Religion (Philosophy) Hindu, Buddha, And Other Which Not yet Listed | 3 |
| 650 | KNOWLEDGE PHILOSOPHY | 2 |
| 651 | Philosophy | 3 |
| 652 | Knowledge Religion And Culture | 3 |
| 653 | Philosophy Other Which Not yet Listed | 3 |
| 660 | KNOWLEDGE ART, DESIGN AND MEDIA | 1 |
| 670 | KNOWLEDGE ART SHOW | 2 |
| 671 | Artistry | 3 |
| 672 | Art Theater | 3 |
| 673 | The Art of Puppetry | 3 |
| 674 | Art Music | 3 |
| 675 | Art Karawitan | 3 |
| 676 | Art Show Other Which Not yet Called | 3 |
| 680 | KNOWLEDGE ART | 2 |
| 681 | Creation Art | 3 |
| 682 | Ethnomusicology | 3 |
| 683 | Anthropology Dance | 3 |
| 684 | Art Appearance Pure (art painting) | 3 |
| 685 | Art Statue | 3 |
| 687 | Art Graphic | 3 |
| 688 | Art Intermedia | 3 |
| 689 | Field Knowledge Art Other Which Not yet Listed | 3 |
| 690 | KNOWLEDGE ART CRAFTS | 2 |
| 691 | Craft Statue | 3 |
| 692 | Craft Wood | 3 |



| Code | Field Knowledge | Levels |
|------------|---|----------|
| 693 | Craft Skin | 3 |
| 694 | Ceramic Crafts | 3 |
| 695 | Craft Textiles | 3 |
| 696 | Craft Metal (And Metal Noble/Jewellery) | 3 |
| 697 | Field Art Craft Other Which Not yet Listed | 3 |
| 699 | Tourism | 3 |
| 700 | KNOWLEDGE MEDIA | 2 |
| 701 | Photography | 3 |
| 702 | Television | 3 |
| 703 | Broadcasting (Broadcasting) | 3 |
| 704 | Graphics (And Publishing) | 3 |
| 705 | Field Media Other Which Not yet Listed | 3 |
| 706 | DESIGN | 2 |
| 707 | Design Interiors | 3 |
| 708 | Design Visual Communication | 3 |
| 709 | Design Product | 3 |
| 710 | KNOWLEDGE EDUCATION | 1 |
| 720 | EDUCATION KNOWLEDGE SOCIAL | 2 |
| 721 | Education Pancasila And Citizenship | 3 |
| 722 | Education History | 3 |
| 723 | Education Economy | 3 |
| 724 | Education Geography | 3 |
| 725 | Education Sociology And Anthropology | 3 |
| 726 | Education Accountancy | 3 |
| 727 | Education System Commerce | 3 |
| 728 | Education Administration Office | 3 |
| 729 | Education Language Japan | 3 |
| 731 | Education Sociology (Knowledge Social) | 3 |
| 732 | Education Cooperative | 3 |
| 733 | Education Population And Environment Life | 3 |
| 734 | Education Economy Cooperative | 3 |
| 735 | Field Education Knowledge Social Other Which Not yet Listed | 3 |
| 740 | KNOWLEDGE EDUCATION LANGUAGE AND LITERATURE | 2 |
| 741 | Language Education, Literature Indonesia And Area | 3 |
| 742 | Education Language (And Literature) English | 3 |
| 743 | Education Language (And Literature) Indonesia | 3 |
| 744 | Education Language (And Literature) German | 3 |
| 745 | Education Language (And Literature) France | 3 |
| 746 | Education Language (And Literature) Arab | 3 |
| 747 | Education Language (And Literature) France | 3 |
| 748 | Education Language (And Literature) Java | 3 |
| 749 | Education Language (And Literature) China (Mandarin) | 3 |
| 751 | Field Language Education (And Satra) Other Which Not yet Listed | 3 |

| Code | Field Knowledge | Levels |
|-------------|--|---------------|
| 760 | KNOWLEDGE EDUCATION EXERCISE BODY AND HEALTH | 2 |
| 761 | Education Physical, Health And Recreation | 3 |
| 762 | Education Physical And Health | 3 |
| 763 | Education Sport And Health | 3 |
| 764 | Education Coaching Sport | 3 |
| 765 | Knowledge Sports | 3 |
| 766 | Education Exercise Body And Health Other Which Not yet Listed | 3 |
| 770 | KNOWLEDGE EDUCATION MATHEMATICS AND KNOWLEDGE KNOWLEDGE NATURAL (MIPA) | 2 |
| 771 | Education Biology | 3 |
| 772 | Education Mathematics | 3 |
| 773 | Education Physics | 3 |
| 774 | Education Chemistry | 3 |
| 775 | Education Knowledge Knowledge Natural (Science) | 3 |
| 776 | Education Geography | 3 |
| 777 | Education Mipa Other Which Not yet Listed | 3 |
| 780 | KNOWLEDGE EDUCATION TECHNOLOGY AND VOCATIONAL | 2 |
| 781 | Education Technique Machine | 3 |
| 782 | Education Technique Building | 3 |
| 783 | Education Technique Electro | 3 |
| 784 | Education Technique Electronics | 3 |
| 785 | Education Technique Automotive | 3 |
| 786 | Education Technique Informatics | 3 |
| 787 | Education Well-being Family (Cullinary art, Fashion, Makeup Etc) | 3 |
| 788 | Education Technology And Vocational | 3 |
| 789 | Field Pend. Technology And Vocational Other Which Not yet Listed | 3 |
| 790 | KNOWLEDGE EDUCATION | 2 |
| 791 | Education Outside Normal | 3 |
| 792 | Education Outside School | 3 |
| 793 | Education Teacher School Base (PGSD) | 3 |
| 794 | PGTK And preschool | 3 |
| 795 | Psychology Education | 3 |
| 796 | Measurement And Evaluation Education | 3 |
| 797 | Development Curriculum | 3 |
| 798 | Technology Education | 3 |
| 799 | Administration Education (Management Education) | 3 |
| 801 | Education Child Age Early | 3 |
| 802 | Curriculum And Technology Education | 3 |
| 803 | Guidance And Counseling | 3 |
| 804 | Field Education Other Which Not yet Listed | 3 |
| 810 | KNOWLEDGE EDUCATION ART | 2 |
| 811 | Education Art Drama, Dance And Music | 3 |
| 812 | Education Art Appearance | 3 |
| 813 | Education Art Music | 3 |

| Code | Field Knowledge | Level |
|-------------|--|--------------|
| 814 | Education Art Dance | 3 |
| 815 | Education Skills And Craft | 3 |
| 816 | Education Art Craft | 3 |
| 817 | Field Education Art Other Which Not yet Listed | 3 |
| 900 | FIELD KNOWLEDGE OTHER | 1 |

Attachment 23. Focus Plane Research, Theme Research, And Topic Research Priority

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|------------------|--|---|---|
| 1 | Food-Agriculture | Technology breeding seed plant, cattle, And fish | Utilization technique radiation For search strain mutant superior. |
| | | | Plant breeding with technology based biotechnology. |
| | | | Breeding plant technique conventional. |
| | | | Revitalization And enhancement knowledge farmer based community in breeding plant. |
| | | | Technology - based livestock breeding biotechnology. |
| | | | Breeding cattle technique conventional. |
| | Food-Agriculture | Technology cultivation and utilization land sub-optimal | Revitalization And enhancement knowledge farmer based community in breeding cattle. |
| | | | Breeding fish with technology based biotechnology. |
| | | | Breeding fish technique conventional. |
| | | | Revitalization And enhancement knowledge farmer based community in breeding fish. |
| | | | Utilization wisdom local in process breeding seeds plant, cattle, and fish. |
| | | | Anatomy plant from perspective anthropology culture |
| Food-Agriculture | Development resource man agriculture | Modernization system agriculture And utilization land. | |
| | | Agriculture land sub-optimal wet. | |
| | | Optimization system agriculture tropical. | |
| | | Optimization system agriculture tropical on community women for family-based food security knowledge local. | |
| | | The use of local wisdom in utilizing and conserve land in frame continuity. | |
| | | Development of agricultural functional identity. | |
| Food-Agriculture | Technology postharvest and manipulation technology processing food | Intergenerational transformation of agricultural workers. | |
| | | Shift work agriculture on Woman farmer. | |
| | | Diversity food based source Power local plants through the role of communities, women, And family. | |
| | | Pattern development HR agriculture on public traditional/local. | |
| | | Strengthening agro-industry based on raw resources local. | |
| | | Management And conservation source Power land, water, And biological. | |
| | | | <i>Precision agriculture .</i> |
| | | | Manipulation machines agriculture And processing. |
| | | | Technology irradiation preservation results agriculture. |
| | | | Diversification And downstream product agriculture, plantation, farm, And fishery. |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|--|--|
| | | | <p>Revitalizing and strengthening local knowledge Woman farmer.</p> <p>Management, conservation source Power, And downstreamproduct based wisdom local.</p> <p>Supporter independence food (paddy, corn, And soya bean) And plant plantation.</p> <p>Food independence commodity ruminant.Independence food commodity waters.</p> <p>Efficiency chain mark results agriculture, plantation, farm.</p> |
| | | Technology resilience And independence food | <p>Development product food based source Power tropical.</p> <p>Development product food functional.</p> <p>Development technology For detection forgery product agriculture, farm, And fishery.</p> <p>Development technology For testing product halal.</p> <p>Strategy resilience And independence food on public traditional</p> |
| 2 | Focus Integration Energy Research— New Energy And Renewable | Substitution technologymaterial burn | <p>Technology supporter conversion to material burn gas (BBG).</p> <p><i>Dimethyl ether</i> For energy House ladder And transportation.</p> <p>Development component <i>converter kits</i>.</p> <p>Development technology And product <i>biogasoline</i> .</p> <p>Development And utilization bioenergy For transportation, electricity And industry.</p> <p>Development technology And utilization <i>fuel cells</i>.</p> <p>Development technology making <i>bio-crude oil</i>.</p> <p>Development of <i>bioethanol</i> production technology generation.</p> <p>Development material burn local as <i>substituent</i> material burn fossil.</p> |
| | | Independence technology generator electricity | <p>Design get up Hot PLT earth.</p> <p>Design get up PLT micro hydro land And <i>marine</i> .</p> <p>PLT bioenergy (<i>biomass, bioqas, biofuels</i>) massive.</p> <p>Design get up PLTB (Bayu).</p> <p>Restoration land And initiation development energy electricity based source Power local.</p> |
| | | Technology conservation energy | <p>Building economical And independent energy.</p> <p><i>Smart grid</i> system and energy conservation <u>management</u>. Technology component electricity economical energy.</p> <p>Development system <i>microgrids</i> in management energy renewable.</p> <p><i>Hybrid</i> technology in utilizing energy sources renewable.</p> <p>Wisdom local in architecture For Development</p> |

| | | |
|-------------------|--|---|
| | | <p>energy efficient building EOR supporting technology. Setup infrastructure NPP.</p> <p><u>Technology supporter <i>clean coal</i>.</u></p> <p>Transfer And adoption innovation diversification energy based <u><i>gender- oriented</i> and sustainable communities .</u> Model transformation community independent energy renewable based knowledge local, community And <u>public local.</u></p> <p><u>Rural electrification development technology.</u> Appropriate technology in utilizing new energy And renewable.</p> <p>Renewable energy management based on local wisdompublic</p> <p><u>Mastery production vaccine main (<i>hepatitis, dengue</i>).</u></p> <p><u>Mastery <i>cell cause (stem cell)</i>.</u></p> |
| 3 Health and Drug | <p>Technology endurance, diversification energyand strengthening community social</p> <p>Technology product biopharmaceuticals</p> | |
| | <p>Tool technology health and diagnostic</p> | <p>Product mastery <i>biosimilars</i> and blood products.</p> <p>Development <i>in Vivo diagnostics</i> (IVD) For detection disease infection.</p> <p>Development <i>in Vivo diagnostics</i> (IVD) For detection disease <i>degenerative</i> .</p> <p>Development tool electromedicine.</p> <p>Development phytopharmaca based source Power local.</p> |
| | <p>Technology independence materialstandard drug</p> | <p>Material standard drug chemistry.</p> <p>Saintification jamu And herbs, technology production pigment <u>experience.</u></p> |
| | <p>Development And strengthening system institutional,</p> | <p>Development drug traditional based SCIENCE AND TECHNOLOGY for <u>diseases tropical (<i>neglected diseases</i>).</u></p> <p>Development technology <i>biosimilars, biosynthesis, And biorefinery</i> For production material drug. <u><i>Ethnomedicine</i> (leaves, roots, tubers, stems, fruit).</u></p> <p>Strengthening women 's knowledge development phytopharmaca based knowledge local.</p> |
| | <p>policy health, Knowledge local For use jamu And herbs and empowerment public in support independence drug</p> | <p>in health public, Which sensitive <i>gender</i> And <u>inclusive social.</u></p> <p>Strengthening knowledge And development habit inner society behave healthily.</p> |
| | <p>Commodification local wisdom in field healthFor handleproblem health</p> | <p>Wisdom local For support pattern life clean And <u>Healthy.</u></p> <p><u>Wisdom local For overcome epidemic disease .</u></p> <p>Wisdom local For overcome <i>stunting</i> And pattern foster child in family.</p> |

| | | | | |
|--------------|--------------------------------|--------------------------|--|-------------|
| Wisdom No | Bidang local Fokus Riset | connecting Tema Riset | With processing food Healthy And nutritious. | Topik Riset |
|--------------|--------------------------------|--------------------------|--|-------------|

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|---|--|
| | | | <p>Identification obstacle culture in grow flower And pattern foster child .</p> <p>Wisdom local in field health For handleproblem health reproduction Woman.</p> <p>Women's knowledge about health reproduction based wisdom local.</p> |
| 4 | Transportation | <p>Technology And management safety transportation</p> <p>Technology strengthening industry transportation national</p> <p>Technology infrastructure and supporter system transportation</p> <p>Policy studies, social and economics transportation</p> <p><i>Intelligent transportation system</i></p> | <p><u>Management safety.</u></p> <p>Means infrastructure safety supporter.</p> <p>Management transportation friendly <i>gender</i> , child, And group need special.</p> <p><u>Local wisdom in traditional community mobility.</u></p> <p>Adoption mark And norm public local in develop safety management transportation.</p> <p>Mode road And rail.</p> <p>Mode water.</p> <p>Mode air.</p> <p>Strengthening the environmentally friendly transportation industry social And culture.</p> <p>System intelligent management transportation.</p> <p>Technology infrastructure transportation.</p> <p>System construction infrastructure transportation.</p> <p>Management safety Work implementation construction infrastructure.</p> <p>Management system control And guarantee quality of implementation of transportation infrastructure construction. Engagement figures local in planning development technology infrastructure system transportation</p> <p>Research base supporter technology And system transportation.</p> <p>Social systems that support women's participation, child, And inclusion social as well as in use means And infrastructure transportation.</p> <p>Knowledge local For development policy transportation</p> <p>Management transportation urban/urban.</p> <p>Management transportation logistics.</p> |
| 5 | Technology Information and Communication | <p>Development Infrastructure ICT</p> | <p><u>Technology 5G (<i>broadband</i>).</u></p> <p>Telecommunication based <i>Internet Protocols</i> (IP) And <i>Internet of Things</i> (IoT) .</p> <p><u>Network, data and information security.</u></p> <p>Broadcasting multimedia based digital.</p> <p><u>I.T security .</u></p> <p>Development network sensors.</p> |

| | | |
|-------------------------------|---|--|
| | | Development system radio cognitive. <u>System ICT e- Government.</u> <u>System ICT e- Business.</u> |
| | Development system/ platform Open based Source | <u>Frameworks / Platforms support industry creative And control.</u> |
| | Technology For | System information liberal technology supporter industry <u>micro insightful gender And sustainable.</u> System information based wisdom local Technology and content for geospatial information dataAnd senses. |
| | Enhancement Content | |
| | ICT | <u>Development technology big data .</u> Technology For data information various form wisdom local in Indonesia Device ICT For system network. <u>Device ICT For smart city.</u> <u>Device ICT For customers premises equipment (CPE).</u> |
| | ICT device technology And supporter ICT | <u>Policy And social humanities supporter ICT.</u> Technology tools to support women's participation, children, groups with special needs, and security use information based ICT. Device ICT For preservation wisdom local |
| | Development based system intelligence artificial | <u>Development application system intelligent.</u> |
| 6 Defense And Security | | Technology <i>robot vision</i> |
| | Technology supporter Power motion | <u>Development product tool transport dimension land.</u> <u>Development product tool transport dimension sea.</u> Development product tool transport dimension air. Adoption of local knowledge and technology systems develop product tool transport dimension land, sea, And air. |
| | Technology supporter Power thunder | System technology local in develop product friendly means of transportation by land, sea and air Woman, child, & group prone to. <u>Development product rocket.</u> <u>Development product handcuffs.</u> Development product system weaponry. Development product Command, control, Communication, Computing, Integration, Observation, and Reconnaissance (K4IPP), especially radar, communications tools And satellite. <u>Development product material.</u> |
| | Technology supporter defense | <u>Development source Power defense.</u> Development of a defense support social system And security based culture local Which insightful <i>gender</i> And inclusion social. |

| No | Bidang Fokus Riset | Tema Riset | System defense based on system knowledge And Topik Riset |
|----|--------------------|------------|--|
|----|--------------------|------------|--|

238 | Menterian __Pendidican,Cultivation , _____Riset,danTeknologi

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|---|--|---|
| | | | technology local. |
| | | Conflict handling through approach social culture | <p>Identification values wisdom local in handling <u>conflict</u>.</p> <p>Adoption values wisdom local For handle conflict.</p> |
| 7 | Material Advanced Technology processing mineral strategic made from standard local | | <p>Extraction and design get up ground metal factory seldom.</p> <p>Development cell Sun based non silicon.</p> <p>Processing ore mineral strategic local.</p> <p>Production polymer For application separation in industry.</p> <p>Material supporter biosensors And chemosensor.</p> <p>Development membrane.</p> |
| | | Technology development material functional | <p>Development catalyst And biocatalyst (enzyme) For application in industry.</p> <p>Innovation technology material material building local</p> <p>Technology for extracting asphalt from natural rock (stone asphalt Buton).</p> <p>Development material <i>geopolymer</i> .</p> <p>Innovation technology material material building local.</p> |
| | | Technology exploration | <p>Design and exploration of pigment <i>absorber materials</i> . Supporter transformation material rubbish And</p> <p>potency material new processing waste.</p> <p>Supporter material structure.</p> |
| | | Characterization Technology material based laser And optics. | |
| | | characterization material | Characterization material biocompatible. |
| | | And support industry | <p>Independence material standard magnet strong</p> <p>Development material alloy.</p> |
| 8 | Maritime | | <p><u>Social resilience and strengthening the coastal economy</u>. Sovereignty food public coast And island isolated.</p> <p>Management coast border from aspect <i>social security</i> And <i>prosperity</i> .</p> <p><u>Diversification and conservation of marine resources</u>. Exploration And utilization source Power coast And <u>sea</u>.</p> <p>Technological development and management of the islands small And coast.</p> <p>Development of the marine tourism industry.</p> <p>Development industry tourist nautical in area 3Tbased wisdom local.</p> <p>System knowledge And technology local in preservation source Power sea And coast.</p> |
| | | Technology Regional sovereignty3T (Leading, outermost, Left behind) | |
| | | Technology conservation | Conservation And ecosystem rehabilitation coast And |
| | | environme ntmaritime | <p>Zoning ecosystem And supporter area conservation sea.</p> <p>Technology conservation And rehabilitation ecosystem coast</p> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|--|--|
| | | | <p>And sea based wisdom local</p> <p>Exploration values wisdom local in management And utilization source Power sea And coast.</p> <p>Coastal and marine ecosystem health and services.</p> <p>Mastery technology survey SDE/SDA deep sea.</p> <p>Technology development coastal rides, offshore, And sea in.</p> <p>Mastery technology communication, navigation, <i>security</i> And <i>supervision</i> .</p> <p>Development technology infrastructure beach And free beach.</p> <p>Integration wisdom local in development technology infrastructure, communication, And vehicle maritime.</p> <p>Revitalizing local wisdom for family resilience And preservation source Power marine.</p> <p>Participation Woman, group minority, And family for endurance, And diversification product processing source Power marine.</p> <p>Participation Woman, And inclusion social in reception And utilization tourist nautical.</p> <p>Integration conservation environment maritime in curriculum education Which insightful <i>gender</i> And inclusion social.</p> <p>Participation Woman in development, maintenance and strengthening of coastal infrastructure and free beach.</p> <p>Mitigation subtraction risk disaster geology.</p> |
| | | Technology strengthening infrastructure maritime | |
| | | Empowerment And enhancement participation women and deep social inclusion environment maritime. | |
| 9 | Disaster | | <p>Prevention And preparedness responsive emergency geology.</p> <p>Rehabilitation And reconstruction geology.</p> <p>Regulations And culture aware disaster geology.</p> <p>Danger And vulnerability geology.</p> <p>Technology And application digital in management disaster geology.</p> <p>Explore and adopt local wisdom as a warning early disaster geology</p> <p>Disaster risk reduction mitigation hydrometeorology.</p> <p>Prevention And preparedness, responsive emergency hydrometeorology.</p> <p>Rehabilitation And reconstruction hydrometeorology.</p> <p>Regulations And culture aware disaster hydrometeorology.</p> <p>Danger and vulnerability of hydrometeorological disasters. Technology And application digital in management disaster hydrometeorology.</p> <p>Exploration And adoption wisdom local as warning early disaster hydrometeorology.</p> |
| | | Technology And management disaster geology | |
| | | Technology And management disaster hydrometeorology | |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--------------------|---|--|
| | | | <p>Mitigation subtraction risk disaster fire land And forest.</p> <p>Emergency response prevention and preparedness fire land And forest.</p> <p>Rehabilitation And reconstruction fire land And forest.</p> <p>Regulations And culture aware disaster fire land</p> |
| | | <p>Technology And management disaster fire land and forest</p> | <p>And forest.</p> <p>Revitalization mark culture local And participation Woman For prevention disaster fire forest, field herding, And land productive.</p> <p>Danger and vulnerability of land fire disasters and forest.</p> <p>Exploration And adoption mark wisdom local in land and forest management to prevent disasters fire.</p> <p>Empowerment mitigation based community.</p> |
| | | <p>Technology and management disaster nature: earthquake, tsunami, flood bandang, land landslide, drought (dry), mountain erupted.</p> | <p>Technology warning early disaster natural.</p> <p>Recovery life social, economy, And culture public post disaster.</p> <p>Development model And system information mitigation disaster.</p> <p>Mapping disaster as information system room region And design building.</p> |
| | | <p>Mitigation, change climate and governance ecosystem</p> | <p>Explore and adopt local wisdom as a warning early disaster natural.</p> <p>Mitigation impact change climate.</p> <p>Change cover land And Power support land.</p> <p>Contribution and role of forests in climate change.</p> <p>Process management environment Which caused change cover land And change climate.</p> <p>Exploration and adoption of local wisdom in coping change climate And manage forest.</p> <p>Study mapping health environment. Rehabilitation ecosystem.</p> <p>Exploration environmentally friendly.</p> <p>Regulations And culture.</p> |
| | | <p>Technology And management environment</p> | <p>Technology And application digital in management disaster fire land And forest.</p> <p>Danger, vulnerability, risk, And management disaster biology (including distribution disease, explosion insect, explosion population bird, fish etc.).</p> <p>Biotechnology environment.</p> <p>Bioremediation environment.</p> <p>Management waste dangerous And poisonous.</p> <p>Environmental adaptation to climate change and/or pollution.</p> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|---|---|
| | | | <p>Analysis risk environment.</p> <p>Conservation of natural resources.</p> <p>Valuation source Power natural.</p> <p>Restoration damage environment.</p> <p>Solid, liquid and gas waste processing technology.</p> <p>System knowledge And technology local inmanage source Power natural For preventdamage environment.</p> <p>Development policy or regulation aboutactivity production And consumption Which pro environment.</p> <p><u>Dangers, vulnerabilities and risks of technological failure.</u> Technology failure disaster management (incl nuclear, construction modern, etc.).</p> <p>Danger, vulnerability And risk disaster social (including damage social).</p> <p><u>Management disaster social.</u></p> |
| | | Disaster failure technology | |
| | | Disaster social | <p>Local wisdom to prevent and overcome disasters social.</p> <p>Areas with high vulnerability to disasters natural.</p> |
| | | Mitigation sustainable to disasternatural | <p>Evaluation intelligent to facility general which has awakened (<i>smart assessment on existing public facilities</i>).</p> <p>Community preparedness for natural disasters. Disaster And wisdom local.</p> <p>Mitigation disaster natural based wisdom local <i>Indigenous studies.</i></p> <p><i>Global village.</i></p> |
| 10 | Social Humanities, Art and culture, Education | Development And social reinforcement culture | <p><u>Identity, mobility, diversity and multiculturalism.</u> Culture in efforts to prevent and deal with consequences from violence, radicalism, violence based <i>gender</i> , children, ethnicity, religion and other identities, as well as in effort develop well-being And superiority performance.</p> <p><i>Soft power diplomacy.</i></p> <p>Communication public in era revolution technology information And communication.</p> <p>Governance and governance.</p> <p>Democracy, political, And election general.Connection international.</p> <p><u>Corporate Social Responsibility (CSR)</u></p> <p>Women in strengthening system socio-cultural For development inclusion And sustainable.</p> <p><i>Urban planning.</i></p> <p><i>Sustainable mobility Urban transportation.</i></p> <p>Mobility based knowledge local And worker family For industry.</p> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|--|------------|---|
| | | | <p>Mobility of people, values, and goods and their implications on transformation mark culture And behavior consumptivein era global.</p> <p>Mobility on public local And strategy look after environment origin And objective.</p> <p>Mobility on Woman And group prone to as resilience in societal systems and structures in era global.</p> <p>Reform agrarian.</p> |
| | Strengthening capitalsocial | | <p>Alleviation poverty And independence food.</p> <p>Manipulation social And development rural.</p> <p>Capital social culture For prevention And handling consequence from violence Woman And child, resilience family, And community minority.</p> <p>Dig wisdom local as capital social for resilience nation.</p> <p>Women's social capital in family resilience, community, and a justice-oriented society gender, protection child, inclusion social, And sustainable.</p> <p>Entrepreneurship, cooperative, And MSMEs.</p> |
| | Economy And source Power man | | <p>Women in entrepreneurship, cooperatives and MSMEs based knowledge typical Woman.</p> <p>Art and culture supporter tourist.</p> <p><i>Grand design</i> of local intellectual property, heritage history, And its preservation in support character nation And tourist Which sustainable.</p> <p>Human resources within the scope of industrial organizations Women as human resource power in development economy Which oriented to <i>justice gender</i> , inclusion social, & sustainable.</p> <p>Strengthening Human Resource Capacity oriented towards <i>gender justice</i> , social inclusion, and sustainable.</p> |
| | Mainstreaming gender in development | | <p>Patriarchy and social domination in development.</p> <p><i>Grand design</i> local knowledge and basedlocal knowledge of women, men, children,community minority, community need specialFor creation Power competitive nation.</p> <p>Mapping, revitalization, And transformation knowledge and local knowledge-based skills for enhancement Power competitive economy nation insightful <i>gender</i> , inclusion social, And sustainable.</p> <p>Development system social Which push enhancement, distribution, and resource creation Power man Which creative face development sustainable.</p> <p>Education character And Empower competitive insightful</p> |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|---|------------|---|
| | | | justice <i>gender</i> , child, inclusion social Which sustainable. Exploration wisdom local about role Woman in family And public Manipulation social And system manage in development <i>gender</i> equality , social inclusion and sustainability. Leadership And transformation in system manage mainstreaming <i>gender</i> in development sustainable Art tradition And inheritance.Art |
| | | | ritual. Art conservation. Revitalization art. Art And Power competitive nation. <u>Art And equality <i>gender</i> .</u> |
| | Art, identity, culture, And character nation | | Art And ideology nation. <u>Digital economic/ <i>smart</i> economy/economy creative.</u> Diaspora And power Work migrant international Indonesia. |
| | | | Civilization values character main. Improving the quality of teachers in strengthening education character. Integration national character in the learning process. Partnership network of organizing institutions education. |
| | Art | | Formation identity through exploration history local in border. Exploration And diffusion technology art.Art And environment. Art And education. <u>Art And life public.</u> Art And development economy. |
| | Education | | Technology And media art. Development art based wisdom local.Technology education And learning. Management education. Source Power education (power educator And education). <u>Equality <i>gender</i> And inclusion social in education.Results education And formation character nation.</u> Internalization of local wisdom values learning. Development management school based wisdom local. |
| | Wisdom local | | Curriculum education character based wisdom local. <u>Exploration wisdom local in Archipelago.</u> Strategy preservation wisdom local. |

| No | Bidang Fokus Riset | Tema Riset | Topik Riset |
|----|-------------------------------------|------------|---|
| | | | <p>Exploration of local government systems as a basis development system manage government modern.</p> <p>Values democracy based wisdom local.</p> <p>Social engineering and governance of local wisdom in resilience and competitiveness of a <i>gender- just nation</i> , inclusion social, And continuity.</p> <p>Local wisdom, creative work and the nation's competitiveness competitive just nation <i>gender</i> , inclusion social, And continuity.</p> <p>Women, local wisdom, and creative work and power national competitiveness, gender-just national competitiveness, inclusion social, And continuity.</p> |
| | Tourist And Economy Creative | | <p>Development tourist And economy creative based wisdom local.</p> <p>Development ecotourism based wisdom local. Development tourist sustainable.</p> <p>Tourist <i>virtual</i> : readiness technology And period front.</p> <p>Development tourist creative.</p> <p>Economy creative in support development sustainable.</p> <p>Policies in encouraging the creative economy.</p> <p>Tourism and creative economy development based wisdom local Which fair <i>gender</i> , inclusion social, And continuity.</p> |

Attachment 24. Format *Files* Presentation Results Study

Format *Files* Presentation (*PowerPoint*) Results Study

1. Presentation made in form *PowerPoint* .
2. Time presentation maximum 5 minute.
3. All information written in a way short, congested And clear.
4. Amount *slides* maximum 5:
 - a. *Slides* 1 containing
 - Title activity.
 - Location activity.
 - Name proposer And member along with NIDN/NIDK.
 - Name partner (If There is).
 - Year implementation And college tall.
 - b. *Slides* 2 containing
 - Background behind, objective, And novelty study.
 - c. *Slides* 3 containing
 - Method And results main study.
 - d. *Slides* 4 containing
 - Outer in form publication (article, IPR, patent, publication media mass,book, etc).
 - Conclusion, suggestion And recommendation.
 - e. *Slides* 5 containing
 - Taking pictures activity study.
 - Photo results study.

Attachment 25. Format Videos Results Activity Study

Video Formats Results Study

1. On beginning impressions videos must load information as following:
 - a. title And scheme activity study;
 - b. Name chairman And member accompanied NIDN/NIDK;
 - c. Name college tall;
 - d. Name partner (If There is);
 - e. year implementation.

2. Videos duration maximum 5 minute with provision as following:
 - a. include logos KEMDIKBUKDRISTEK (as giver fund) And logos college tall.
 - b. videos displays narrative background behind, objective, novelty study, And results study.
 - c. resolution videos minimum 720p with type videos *landscape* .
 - d. videos made as interesting Possible.

3. Page *Google Drive* be delivered in report end activity.

Attachment 26. Description Level Readiness Technology (TKT)

TKT Type General And *Hard Engineering*

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 1 | Principle base from technology researched And reported. | <ol style="list-style-type: none"> 1. Basic assumptions and laws (ex.physics/chemistry) that will be used in (new) technology has determined. 2. Literature study (theory/empirical – previous research) about principle base technology which will developed; And 3. Formulation hypothesis research. |
| 2 | Formulation draft And/ or application formulation. | <ol style="list-style-type: none"> 1. Equipment and systems to be used, has identified. 2. Studies literature (theoretical/empirical) technology Which will developed possible For applied. 3. Design in a way theoretical And empirical has identified. 4. Elements base from technology Which will developed has is known. 5. Characterization component technology Which will developed has mastered And understood. 6. Performance of each constituent element technology Which will developed has predicted. 7. Analysis beginning show that function main Which needed can Work with Good. 8. Models and simulations to test the truth principle base. 9. Research analytic For test truth principle basically. 10. The technological components that will developed, separately can work with Good. 11. Equipment Which used must <i>valid</i> And <i>reliable</i> ; And 12. Is known stages experiment Which will done. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 3 | Proof draft function and/or analytically important characteristics and experimental. | <ol style="list-style-type: none"> 1. Studies analytic support predictions performance elements technology. 2. Characteristics/traits and performance capacity system base has identified And predicted. 3. Has done test laboratory to test the feasibility of applying the technology the. 4. Model And simulation support predictions ability elements technology. 5. Development technology the with The first step is to use a mathematical model very possible And can simulated. 6. Laboratory research to predict performance each element of technology theoretically, empirically and experiments have known the components component system technology the can Work with Good. 7. Research has been carried out in the laboratory with use data <i>dummy</i> ; And 8. Technology worthy in a way scientific (studies analytic,model/simulation, experiment). 9. Test laboratory components in a way separated has done. |
| 4 | Validation components/subsystems in environment laboratory. | <ol style="list-style-type: none"> 10. Condition system For application according touser has is known (desire <i>adopters</i>). 11. Results test laboratory to components show that component the can operate. 12. Test function main technology in environment Which relevant. 13. Laboratory-scale technology prototypes have been made. 14. Research integration component has started. 15. Process 'key' For its manufacturing has identified And studied in labs; And 16. Integration system technology And design get up scale lab has finished (<i>low fidelity</i>). |
| 5 | Validation components/subsystems in something environment Which relevant. | <ol style="list-style-type: none"> 1. Preparation production device hard has done. 2. Research market (<i>marketing research</i>) And researchlaboratory For choose process fabrication. 3. Prototype has made. 4. Equipment And machine supporter has tested in laboratory. 5. System integration is completed with high accuracy (<i>high fidelity</i>), Ready tested on environment real/simulated. 6. Accuracy/ <i>fidelity</i> system prototype increase. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| | | 7. Laboratory conditions were modified so that similar with environment Which indeed; And 8. The production process has been reviewed by the department manufacture |
| 6 | Demonstration model or prototype system/subsystem in something environment Which relevant | 1. Actual operating environmental conditions has is known. 2. Need investment For equipment And process manufacturing identified. 3. M&S For performance system technology onenvironment operation. 4. Part manufacture/ manufacturing agree And accept results testing laboratory. 5. Prototype has tested with accuracy/ fidelity laboratory Which tall on simulation environment operational (Which Actually in outside laboratory); And 6. Results test prove worthy in a way technical (<i>Engineering feasibility</i>). |
| 7 | Demonstration prototype system in environment Actually | 1. Equipment, processes, methods and engineering design has identified. 2. Process And procedure fabrication equipment start tried out. 3. Equipment process And equipment <i>test /</i> Inspection is piloted in the environment production. 4. Draft picture design has complete. 5. Equipment, process, method And design techniquehas developed And start tried out. 6. Calculation estimation cost has validated(<i>design to cost</i>). 7. Process fabrication in a way general has understoodwith Good 8. Almost all function can walk in environment/conditions operation. 9. Prototype complete has demonstratedon simulation environment operational. 10. Prototype system has tested on trialsfield; And 11. Ready For production beginning (<i>low rates initial production-lrip</i>). |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 8 | System has complete And reliable through testing And demonstration in environment Actually | <ol style="list-style-type: none"> 1. Form, suitability And function component compatible with system operation. 2. Machine And equipment has tested in environment production 3. Diagram end finished made. 4. Process fabrication tried out on scalepilot (<i>pilot line</i> or <i>lrip</i>). 5. Test process fabrication show results And level productivity Which can accepted. 6. Test all over function done in simulation environment operation. 7. All materials/ materials and equipmentavailable For used in production. 8. System fulfil qualification through test And evaluation. 9. Ready For production scale full (capacity full). |
| 9 | System truly tested/proven through success operation | <ol style="list-style-type: none"> 1. Draft operational has truly canapplied. 2. Estimation investment technology Already made. 3. No There is change design Which significant. 4. The technology has been tested under conditionsActually. 5. Productivity on level stable. 6. All documentation has complete. 7. Production price estimates are comparedcompetitors; And 8. Competitor technology is known. |

TKT Type *Software*

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 1 | Principle base from technology researched And reported | <ol style="list-style-type: none"> 1. Represents level Lowest from readiness technology device soft. 2. This is a new software domain being explored by the basic research community;And 3. Covers Also development from basic level usage, basic properties of architecture device soft, formulation mathematics, capable device concept realized, study of the basic principles of the device soft, principle scientific, formulation hypothesis research, And algorithm general. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 2 | Formulation draft and/or application technology. | <ol style="list-style-type: none"> 1. Once the basic principles are researched, move on making application Which nature practical. 2. Application nature speculative, And there is possibility No own proof or analysis detailed For support assumption Which exist/do; And 3. Examples are limited to analytical studies with use data synthetic (artificial). 4. User/ <i>customer</i> got it identified, application system or subsystem Already identified. 5. Studies appropriateness application device soft. 6. Solution design empirical nor theoretical Already identified. 7. Component technology in a way partial Already characterized. 8. Prediction performance every element Already made 9. Has done study impression/interest user/ <i>customer</i> to device soft. |
| 3 | Proof draft function and/or characteristics important in a way analytical And experimental | <ol style="list-style-type: none"> 1. There is initiation process study And development Which done in a way active. 2. Scientific feasibility demonstrated through studies analytic And laboratory; And 3. Covers Also development from environment function limited For validate critical properties and analytical predictions use: A. component device soft Which No integrated; And B. Part data Which represent. 4. Predict the capabilities of each technology element Already validated through study analytical. 5. <i>Outline</i> algorithm device soft available. 6. Prediction ability element technology Already validated through modeling And <i>simulation</i> . 7. Test laboratory Already can ensure appropriateness device soft. 8. User representatives can now be included in development device soft. 9. Appropriateness scientific here fully showed. 10. Mitigation risk has identified. |

| NO | DEFINITION/STATUS | INDICATOR |
|----|--|--|
| 4 | Validation module subsystem in laboratory environment | <ol style="list-style-type: none"> 1. Component device soft base integrated Work in a way together. 2. Relatively primitive related with efficiency And reliability (<i>robustness</i>) compared to with system/product Finally. 3. Development architecture started with scope issues related interoperability, reliability, convenience maintenance, upgradeability, scalability, and security. 4. There is an effort to adapt to the elements (technology) current; And 5. Prototype Which There is developed For show aspect Which different on system/product Finally. 6. Issue “ <i>cross technology</i> ” (If There is) fully has identified. 7. Development architecture system device soft in a way formal started. 8. Document need user. 9. Algorithm has converted to <i>pseudocode</i>. 10. Analysis need data format has complete 11. Software demonstration already _ done in environment simple. 12. Estimate size device soft. 13. Study integration started. 14. Draft design conceptual documented. |
| 5 | Validation module and/or subsystem in environment Which relevant | <ol style="list-style-type: none"> 1. Represents level in where technology device soft Which developed Ready For integrated with system Which Already There is. 2. Prototype implementation that conforms to environment/interface. 3. Experiments were carried out on problem Which actually (<i>real</i>). 4. Simulating the interface of system Which Already There is. 5. Architecture software system finished; And 6. The algorithm runs on (multi) processors in operational environment with characteristics Which in accordance hope. 7. Influence “ <i>cross technology</i> ” (If There is) has identified And set through analysis 8. Need interface system is known. 9. Architecture device soft system Already set. 10. Analysis need interface internal has complete. 11. <i>Coding</i> function/module has complete. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | 12. Prototype has made 13. Quality and reliability have become consideration 14. Environment laboratory Already modified approach environment operational 15. Management risk documented 16. Function Already integrated in module-module 17. <i>Drafts test and evaluation masters plans</i> |
| 6 | Validation module and/or sub system in an “ end- to -end ” environment <i>to-end environment</i>) Which relevant | 1. Represents level Where appropriateness manipulation from technology device soft showed; And 2. Covers Also implementation prototype laboratories with realistic problems scale full, Where technology device soft integrated in a way Partial with hardware/software of the existing system There is. 3. Validation characteristics measurement And performance “ <i>cross technology</i> ” has complete 4. The level of quality and reliability has been achieved set 5. Environment operational has is known 6. M&S done For simulate performances system in environment operational 7. Test and evaluation masters plans Already final 8. Analysis structure <i>databases</i> And interface has complete 9. Documentation device soft limited Already There is 10. Device soft version “ <i>alpha</i> ” released . |
| 7 | Deep system prototype demonstration environment operational or environment accuracy tall | 1. Represents level Where appropriateness program from technology device soft showed; And 2. Covers Also implementation prototype operational environment , where functionality risk technical Which nature critical features are available to demonstrate and test in condition technology device soft the integrated in a way Good with device hard/soft from system operational. 3. System prototype Already built 4. Algorithm Already walk on processor in environment operations |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| | | 5. Part big “ <i>bugs</i> ” device luunak Already No There is 6. Device soft version “ <i>beta</i> ” released __ 7. Software manufacturing process general Already can understood 8. Plan production has complete |
| 8 | System in a way actual has complete And fulfil condition through deep testing and demonstration environment operations/applicationsActually | 1. Represents level Where technology device soft integrated fully with device hard And soft from system operational. 2. Documentation development device soft complete; And 3. All function tested Good in scenario simulation nor operational. 4. The software as a whole has beendebugged 5. Diagram architecture end has finished |
| 9 | The system is truly tested/proven through successful use operational | 1. Represents level Where technology device soft the Ready For developed nor used in a way repeated (<i>rapid development / re-use</i>). 2. Device soft based technology Which fully integrated with the device hard/soft from system operational. 3. All software documentation has been verified. 4. Own experience success from side operational. 5. There is ongoing support for manipulation device soft; And 6. The system is actual (really exists andused) 7. Production device soft Already stable 8. All documentation has complete 9. Draft operational has implemented with success |

TKT Type Agriculture/ Fishery/ Farm

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 1 | Principle base from something technology hasresearched | 1. Formulation question research or hypothesis study Already There is. 2. Literature study of related basic principles study Already done; And 3. Way/method/process/product Which researched And will developed Already There is And own opportunity success. |

| NO | DEFINITION/STATUS | INDICATOR |
|----|---|--|
| 2 | Concept technology And application has in formulate | <ol style="list-style-type: none"> 1. Means And infrastructure Which will used has identified. 2. Validation results studies literature has done; And 3. Design theoretical research and empirical has identified. |
| 3 | Concept And characteristics important from something technology has proven in a way analytical And experimental | <ol style="list-style-type: none"> 1. Design research Already arranged (methodology choice, stages, And data Which needed For study). 2. By theoretical, empirical And experiment has is known And components system technology the can Work with Good; And 3. Technology has worthy scientific (studies analytic, model/ simulation, experiment). |
| 4 | Components technology has validated in environment laboratory | <ol style="list-style-type: none"> 1. Laboratory <i>tests</i> of components in a way separated has done. 2. Performance of each component technology (way/method/process/product) Which will developed has been showing results Which Good. 3. Test function main technology in environment Which relevant has held. 4. Prototype technology scale laboratory has made. 5. Study integration component has started. 6. Analysis beginning show that function the main thing needed to work with Good; And 7. Integration component technology And design get up scale laboratory has tested (low fidelity). |
| 5 | Components technology has validated in environment Which relevant | <ol style="list-style-type: none"> 1. Prototype technology Ready tested on condition laboratory modified Which approach environment Which actually. 2. Accuracy/ <i>fidelity</i> increase. 3. Integration component technology has tested with accuracy tall (<i>high fidelity</i>). |
| 6 | Models or Prototype has tested in environment Which relevant | <ol style="list-style-type: none"> 1. Condition something technology has is known (on condition optimal). 2. Technology Already tested with accuracy tall in operational environment simulation with data Which complete (in accordance with design or design research). 3. Results test prove worthy in a way |

-
- technical
(*engineering feasibility*); And
4. Draft economic analysis (preliminary estimate appropriateness economy) Already available.
-

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 7 | Prototype has tested in environment Actually | <ol style="list-style-type: none"> Operational environmental conditions /actually for technology has is known. Have been done test multi location technology scalefield. Results test roomy show performance / performance Which stable. Results test multi location prove worthyin a way technology. Need investment For process production has identified; And Analysis appropriateness economy complete (resultsvalidation in environment Actually). |
| 8 | System Technology has complete Andfulfil condition (qualified) | <ol style="list-style-type: none"> Picture prototype And details <i>engineering</i> equipment supporter has available. Cultivation process with levels productivity Which desired has mastered. Has done standardization technology; And All material/ material And equipment For used in production has available. |
| 9 | Technology truly tested/ proven through success operation | <ol style="list-style-type: none"> Draft application technology trulycan applied. Estimation investment technology Already made. No There is change design Which significant. Technology has tested on environment Actually. Has fulfil certification Which needed;And All documentation has complete. |

TKT Type Health–Products Vaccines/Biologicals

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 1 | The basic principles of the technology are researched and reported | <ol style="list-style-type: none"> Studies literature scientific about principle basetechnology Which developed Already There is. Survey beginning market has started And assessed. Potency application scientific For solution problem has depicted. |
| 2 | Formulation draft and/or application formulation. (Focused intensive intellectual to the problem of producing studies reviewing and producing literature idea research, hypothesis And design experiment related issues scientific. | <ol style="list-style-type: none"> Hypothesis has formed. Development design research Already There is. Protocol research For test truthprinciple Already There is; And Protocol Already reviewed by gathering paraexpert And Approved. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 3 | <p>Proof draft function And/ or analytically important characteristics and experimental. Initiation <i>Proof of Concept</i> For development product vaccine described by limited research Good in a way <i>in vitro</i> nor <i>in Vivo</i> on animal model.</p> | <ol style="list-style-type: none"> 1. Studies analytic support predictions performance element- element technology Already There is. 2. Characteristics/traits and performance capacity system base has identified And predicted. 3. Has done test laboratory in a way <i>in vitro</i> ; And 4. Has done test laboratory in a way <i>in Vivo</i> on animal model. |
| 4 | <p>Validation components/subsystems in environment laboratory. Basic components of integrated technology For show that technology will Work together. Moment This <i>low fidelity</i> (Still possible exists error) when compared to with original technology. Example of adding tools ad hoc in Laboratory. Study laboratory non GLP done For define hypothesis and identifying data Which relevant Which required For evaluation technology on design experimental Which accurate. Studies explorative from critical technology For its effectiveness integration to in higher candidates (pH, <i>adjuvants</i> , <i>stabilizer</i> , preservative, <i>buffers</i> , method giving, method purification Which proposed, chemical and physical characterization, metabolite products and their excretion/elimination, <i>dose ranging</i> , test challenge (For protection). Candidate biologics/vaccines Already tested on animal model For see potency, effect biology, security, effect side And toxicity. <i>Markers</i> marker to determine <i>the end point</i> on preclinical nor test clinical Already identified.</p> | <ol style="list-style-type: none"> 1. Prototype scale Lab has generated. 2. <i>Good Laboratory Practice</i> Lab scale prototype (GLP) has generated For material test Preclinical. 3. Process 'key' For production has identified And studied in lab. 4. Integration system technology And design get up scale lab has finished (<i>low fidelity</i>). 5. <i>Target Product Profile</i> (TPP) has been determined consists from description preparation, content preparation, indication, dose, <i>dose ranging</i> , method giving, efficacy, effect side Which possible, type preparation; And 6. Initial preclinical tests include safety tests and efficacy something candidate biology/vaccines has depicted And defined in animal model. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 5 | <p>Validation components/subsystems in something environment Which relevant. Period intensive studies non clinical And preclinical done involve data parametric and analysis carried out on system Which validated, And production pilot scale of a biologic/vaccine candidate. Results research show test potency Which in accordance, proposal production Which will meet GMP standards on a pilot scale, identification and verification of PoC on animal test can predict test in humans, through appropriate <i>markers</i> . Do GLP test toxicity on animal test, setting <i>markers</i> for prediction test clinical in man, as well as prove immunogenicity And potency, as well as PK and PD and initiation of stability studies preparation.</p> | <ol style="list-style-type: none"> 1. Preparation production And facility GMP. 2. Production biology/vaccines scale pilot has designed And done. 3. The master formula for biological preparations/vaccines has been reviewed by <i>quality assurance</i> and meets rule GMP. 4. Test preclinical security, immunology/activity biology And efficacy preparation GLP has done. 5. A human clinical trial design has been created And registered to Body POM based on test preclinical. 6. Design test stability And test stability limited has done. |
| 6 | <p>Demonstration model or prototype system/subsystem in something environment Which relevant. Discussion pre IND Already started to Body POM and documents have been prepared And entered, Phase 1 CT has conducted on a small number of participants And subject controlled And evaluated the presence of intensive clinical symptoms. Data immunogenicity and or pharmacokinetics And pharmacodynamics is already available for phase 2 CT predictions in man.</p> | <ol style="list-style-type: none"> 1. Test clinical phase 1 in man with amount limited Already done And fulfil condition security as well as show results <i>immunogenicity</i>, <i>pharmacokinetics</i> (PK), And <i>pharmacodynamics</i> (PD) Which expected; And 2. Data results test clinical 1 Which support arranged protocol test clinical phase. |
| 7 | <p>Demonstration prototype system in environment Actually. Phase 2 CT test to assess safety And immunogenicity as well as activity biology done. Finals dose product, <i>dose ranging</i> , method and time of administration Already set from results PK/PD. Phase 2 CT results data were documented And reported to Director General POM For preparation for phase 3 CT test (<i>efficacy</i>). Point end sutu test clinical And the <i>marker</i> set on agreement Body POM.</p> | <ol style="list-style-type: none"> 1. Test clinical phase 2 in man Already held. 2. Product dosage data, <i>ranging dosage</i> , method and time of administration as well as pk and pd data serve as the basis for compiling test protocols clinical phase 3 has There is. 3. Protocol test clinical phase 3 has been created and submitted to Body POM. 4. <i>Scaling up</i> the process to scale has been carried out commercial in accordance GMP requirements. 5. Process validation at production scale has been carried out done; And 6. Production facilities and space to scale production Which fulfil GMP has prepared. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| 8 | Complete and reliable through testing And demonstration in environment Actually. Results test CT phase 3 fulfil condition security And efficacy from candidate biologics/vaccines. Validation process Already fulfilled, And studies reproducibility/ consistency Already done. Pre-registration Already be delivered to Body POM. | <ol style="list-style-type: none"> 1. Agreement registration from Body POM. 2. <i>Dossier</i> preparation has begun regarding the data <i>chemicals</i> , <i>material</i>, And <i>control</i> , facility, building, power Work, etc. 3. The production facility has been approved by the AgencyPOM. 4. Test clinical phase 3 fulfil condition. 5. Dossier has registered to Body POM; And 6. Product has registered to body POM. |
| 9 | System truly tested/proven through success operation. Biological/ vaccine Already can distributed And marketed. <i>Post marketing studies</i> were designed after existing agreement with Body POM And carrying out post marketing surveillance (PMS). <i>Surveillance</i> done Keep going continuously. | <ol style="list-style-type: none"> 1. Routine production of biological products/vaccines has been done. 2. Distribution And marketing product biology/vaccines has done. 3. Protocol PMS on product biology And animal has been created and submitted to the AgencyPOM; And 4. PMS has held |

TKT Type Health – Product Tool Health

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 1 | Proof Principle Base Technology(<i>Basic Principle Report</i>) | <ol style="list-style-type: none"> 1. Level Lowest readiness technology. 2. Explanation theoretical principle base technology. 3. Survey beginning utility technology. 4. Study draft base theory scientific Which underlying technology tool health related. 5. Formulation of basic concepts and proof in a way theoretical; And 6. Overview literature scientific related principlesbase technology. |
| 2 | Technology Concept Formulation (<i>Technology Concept Formulation</i>). | <ol style="list-style-type: none"> 1. Formulate topics study, compile hypothesis, And plan design experiment For find solution problem with base technologyrelated. 2. Drafting hypotheses scientific. Preparation of research plans and protocols get review And agreement; And 3. Through study literature And discussions scientific, research and study plans are prepared to identify potential and opportunities target therapy. Documented in form protocol or plan study Which got a review And agreement. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|---|
| 3 | Study For prove draft technology (<i>Research of Technology Concept</i>). | <ol style="list-style-type: none"> 1. Basic research, collection and analysis data experiment, For test hypothesis compiled. Examining alternative concepts, And identify as well as evaluate component technology. 2. Initial testing of the design concept And evaluation various alternative. 3. Verification design, determination specification component. 4. Proof beginning truth draft (<i>proof-of-concept</i>) medical device technology on amount limited And model laboratory; And 5. Documentation results test scale laboratory Which give proof beginning truth draft technology tool health. |
| 4 | Validation component and/or sequence system scale laboratory (<i>Validation Components in laboratories</i>). | <ol style="list-style-type: none"> 1. Test And testing scale model laboratory For evaluate And assess the level of safety, side effects And effectiveness. 2. Drafting procedure And method Which used in studies non clinical And clinical. 3. Proof truth draft (<i>proof-of-concept</i>) technology and level of security; And 4. Publication (<i>peer-reviewed</i>) data proof truth draft technology And level security. 1. Determination classification (class 1, 2 or 3) prototype tool health based on equality with tool health Which Already There is. |
| 5 | Laboratory Scale Prototype (<i>Lab Scale Prototype</i>). | <ol style="list-style-type: none"> 2. Testing level security prototype scale lab based on standard Which applies (for example: iec60601). 3. Lab scale prototype validation testing about effectiveness and side effects, and disorders towards/from equipment other. (For tool health class 1-2); And 4. Proving the level of safety and effectiveness prototype scale lab. 1. Testing validation prototype scale industry on a limited amount of effectiveness and side effects, as well as interference with/from equipment other (For tool health class 1-2). |
| 6 | Industrial Scale Prototype (<i>Industrial Scale Prototype</i>). | <ol style="list-style-type: none"> 2. Industrial-scale prototype phase 1 clinical testing For know level security And effectiveness on limited quantities (for tools health class 3); And 3. Proof level security And effectiveness |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| | | prototype scale industry on amount limited. |
| 7 | Testing Field Prototype Scale Industry | <ol style="list-style-type: none"> 1. Testing validation prototype scale industry on amount big For ensure effectiveness And reduce effect side, as well as prevent disturbance towards/from equipment other (For tool health class 1-2) 2. Industrial scale prototype phase 2 clinical testing For ensure level effectiveness on larger quantities (for class medical devices3) |
| 8 | Prototype Complete Tested. | <ol style="list-style-type: none"> 1. Testing validation prototype scale industry on larger quantities to be sure effectiveness And complete data Which required (For tool health class 1-2). 2. Industrial scale prototype phase 3 clinical testing For ensure level effectiveness on amount more more wide (For tool health class 3). 3. Certification and standardization, as well as submission licensing Which necessary; And 4. Proving the level of safety and effectiveness prototype scale industry on amount more big. |
| 9 | Prototype Tested And Certified. | <ol style="list-style-type: none"> 1. Tool health can distributed And marketed after obtaining permits Which required. 2. Service preparation and after-sales supervision sell; And 3. Marketing strategy and after-sales supervisionsell. |

TKT Type Pharmacy

| NO | DEFINITION/STATUS | INDICATOR |
|----|---|---|
| 1 | The basic principles of the technology are researched and reported. | <ol style="list-style-type: none"> 1. Review And evaluation invention scientific as Foundation For classification technology new. 2. Has done survey beginning about <i>markets</i> And the assessment; And 3. Has There is explanation about application scientific Which potential For problem-problem Which has determined. |
| 2 | Formulation draft And/ or application formulation. Intellectual focus on problems, Which produce study to publication scientific Which review And generate research ideas, hypotheses And design experiment connection | <ol style="list-style-type: none"> 1. Has it produces hypothesis 2. Has developed, reviewed And he agreed <i>research plans</i> and/or <i>research protocols</i> |

| NO | DEFINITION/STATUS | INDICATOR |
|----|--|---|
| | discourse scientific related. | |
| 3 | <p>Proof draft function And/ or analytically important characteristics and experimental.</p> <p>Initial synthesis of candidate drugs is carried out, identification location And mechanism it works And characterization beginning to drug candidate in studies preclinical.</p> | <ol style="list-style-type: none"> 1. Has done And proved it <i>proof of concept</i> as a drug candidate in research model <i>in vitro</i> And <i>in Vivo</i> in the amount of limited; And 2. Basic research, collection has begun data and analysis to test hypotheses, explore draft alternative And identify as well as evaluate technology that supports developmentdrug. |
| 4 | Validation components/subsystems in environment laboratory. | <ol style="list-style-type: none"> 1. Research done in laboratory non GLP (<i>Good laboratory practice</i>) in something design test Which strict (condition worst). 2. Has done research exploration drug candidate (i.e. formulation, route of administration drug, method synthesis, characteristic physique And chemical, track metabolism And excretion or expenditure from body, And measurementdose usage). 3. Has done testing drug candidate in animal models to identify And evaluate potency security And its toxicity, incompatibility, And effectside; And 4. Has done And proved it <i>proof of concept</i> (proof draft) And security formulation candidate drug on scale laboratory or in animal models set. |
| 5 | Validation components/subsystems in something environment Which relevant. | <ol style="list-style-type: none"> 1. Achieved points decision Where ensure that there is sufficient relevant data drug candidate in draft technical data packages For support continuation process with preparation application <i>Investigational New Drugs</i> (IND). 2. Non-clinical and clinical research has been carried out in a way strict covers collection data parameters and analysis in that method formulated with Good with pilot lots (prototype Which validated) drug candidate. 3. Results research use pilot lots give base For process production Which fulfil CGMP (<i>Current Good Manufacturing Practice</i>) — <i>compliantpilot lots production</i> . 4. Has did it study security And toxicity in a way GLP use animal |

| NO | DEFINITION/STATUS | INDICATOR |
|----|---|---|
| | | <p>model.</p> <p>5. Efficacy <i>endpoint</i> identification has been carried out clinical (<i>clinical efficacy</i>) or his <i>surrogate</i> .</p> <p>6. A study has been carried out to evaluate pharmacokinetics And pharmacodynamics drug candidate; And</p> |
| 6 | <p>Demonstration model or prototype system/subsystem in something environment Which relevant.</p> | <p>7. Has started research stability.</p> <p>1. Test clinical Phase 1 done For prove the safety of the candidate drug in man in amount small And in supervision Which Be careful And monitored condition clinical.</p> <p>2. Application IND prepared And submitted (<i>submitted</i>).</p> <p>3. Technology production proven through qualification facility CGMP; And</p> <p>4. Results from test Phase 1 has done And meets clinical and safety requirements support process to test clinical Phase 2.</p> |
| 7 | <p>Demonstration prototype system in environment Actually.</p> | <p>1. Test clinical Phase 2 has done For prove efficacy beginning And For get data security And toxicity more carry on.</p> <p>2. Plan research clinical Phase 3 or plan <i>surrogate test</i> has Approved.</p> <p>3. Product activity (i.e. initial evidence of efficacy) has determined.</p> <p>4. The final product dose, range has been determined dose, timetable, method giving, proven (established) from data pharmacokinetics And pharmacodynamics in a way clinical; And</p> <p>5. Has done <i>scaling up</i> process For scale commercial Which fulfil condition GMP.</p> |
| 8 | <p>complete and reliable through testing And demonstration in environment Actually.</p> | <p>1. Validation process has finished held And followed with test <i>lots consistency</i> (consistency product end).</p> <p>2. Has done test clinical phase 3 Which expanded or <i>surrogate test</i> For collect security-related information And effectiveness drug candidate. Testing carried out to assess the overall risk-benefits from administering candidate drugs and For give base Which Enough For giving label drug (<i>drugs labelling</i>).</p> <p>3. <i>Dossier</i> prepared And submitted to BPOM.</p> <p>4. <i>Dossier</i> approval for drugs by BPOM; And</p> <p>5. Commercial scale production facilities already exist And has inspected BPOM.</p> |

| NO | DEFINITION/STATUS | INDICATOR |
|----|---|---|
| 9 | The system is truly tested/proventhrough success operation. | <ol style="list-style-type: none"> 1. Pharmaceuticals (drug) or tool medical hasdistributed/marketed; And 2. Has done research And supervision <i>post-marketing</i> (non-clinical nor clinical). |

TKT Type Social Humanities and Education

| NO | DEFINITION/STATUS | INDICATOR |
|----|---|--|
| 1 | Principle base research has observed And reported | <ol style="list-style-type: none"> 1. Background behind And objective R&D has defined. 2. There is question R&D (<i>question research</i>) Which want to is known or answered. 3. Fact And argument base Which relevant And support necessity done R&D; And 4. R&D is needed to support policy , knowing phenomenon or solution problem, etc |
| 2 | Support Data Beginning, Hypothesis, Design & Procedure R&D has explored | <ol style="list-style-type: none"> 1. Hypothesis R&D has arranged. 2. Support data beginning to question R&D Which want to answered. 3. Design R&D (<i>research design</i>) Which will done has explored (determination <i>topics</i> data, preparation questionnaire, theme FGD, etc.); And 4. Alternative methodology, procedure And stages Which will done has explored |
| 3 | Design And methodology study arranged Complete | <ol style="list-style-type: none"> 1. Design methodology Which used For answer question study has arranged. 2. Design determination <i>sampling</i> , and/or collection need data And technique collection data has arranged. 3. Adequacy And completeness data has set. 4. Evaluation technical And predictions results has done. 5. Scenario And alternative For completeness data has arranged; And 6. Design R&D has Complete. |
| 4 | collection , validation on environment or example /activity R&D | <ol style="list-style-type: none"> 1. Primary data collection has been held (questionnaire/ FGD/ or in form other). 2. Validation to ensure the data is correct obtained relevant And related hasheld. 3. Secondary data support can be complementary data beginning Which has obtained previously;And 4. Data Which There is tested validity And |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| | | its reliability. Data and system reliability (relatively) still low compared to system Which expected. |
| 5 | Completeness and analysis of data on environment simulation / activity R&D | <ol style="list-style-type: none"> 1. Reliability data has increase significant. 2. The data is sufficient and meets the requirements for analysis advanced. 3. Analysis beginning with data Which complete has done. 4. Data integrated For analysis taking conclusion; And 5. Report progress (analysis introduction has been produced) and the <i>output design</i> has been arranged. |
| 6 | Results R&D important And significant For supporter decision And policy | <ol style="list-style-type: none"> 1. Report (conclusion from analysis has generated) has arranged. 2. Results/ <i>output</i> R&D Social Humanities and Education (making recommendation/ <i>policy briefs</i> And other) has finished made. 3. Draft recommendations (regulatory alternatives, government policy or intervention) has generated. 4. List party related with regulations/ the recommended policies/interventions have been known. 5. Communication beginning with party related (internal external) start done; And 6. Letter introduction delivery results/ <i>output</i> R&D has prepared. |
| 7 | Utilization results R&D For repair policy And system manage | <ol style="list-style-type: none"> 1. Cover letter and R&D results/ <i>output</i> (recommendations/conclusions/alternatives) have been be delivered to party related. 2. Proof (<i>evidence</i>) accepted results/ <i>output</i> R&D by party related. 3. Results/ <i>output</i> R&D Which be delivered serve as a reference and information for parties related. 4. Part or a number of results/ <i>output</i> R&D Which be delivered become base/ considerations for improving implementation results R&D non Social Humanities, And Education or utilization strategies and application the result. 5. Part or a number of results/ <i>output</i> R&D Which be delivered become base/ considerations for regulations/policies or intervention government; And 6. Happen communication intensive with party related about results/ <i>output</i> R&D. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| 8 | Support for regulations and policies related aspect social humanities And education | <ol style="list-style-type: none"> 1. Part big (more half) results/ <i>output</i> Social Humanities R&D and Education become base/ consideration For repair application results R&D non Social Humanities And Education or strategy utilization And application the result. 2. Part big (more half) results/ <i>output</i> Social Humanities R&D and Education Which be delivered become base/ consideration For regulations/policies or intervention government. 3. There was (intensive) communication with the parties related about results/ R&D <i>output</i> And follow he continued; And 4. Proof (<i>evidence</i>) has utilized it results / R&D <i>output</i> by party related. |
| 9 | Policy contribution _ recommended For repair condition development | <ol style="list-style-type: none"> 1. Recommendation results R&D give contribution in repair results R&D non Social Humanities And its implementation. 2. Recommendation results R&D give contribution to improving social elements economy public. 3. The results of R&D and recommendations are correct has succeed improve conditions social economy. |

TKT Type Art

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 1 | basic principles of art have been observed And reported | <ol style="list-style-type: none"> 1. The background and problem formulation have been identified. 2. Question R&D (<i>research/creative question</i>) that is already known or answered For get findings. 3. Objective R&D has defined with see formulation problem R&D. 4. Identification problem has done For get base thinking as approach. 5. Approach study/ planning/ creation/ viewing has set. 6. Fact empirical And argument base Which relevant And support necessity has done R&D. 7. There have been literature studies, theoretical/empirical research previous become base R&D. 8. Has There is way/method/ process Which researched/created/ applied And will |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|--|--|
| | | developed as well as own opportunity success. |
| 2 | Draft and/or application form art formulated And has explored. | <ol style="list-style-type: none"> 1. Principle base R&D has explored. 2. Has There is principle base R&D Which nature qualitative, unique, particularism (fact, information), interpretation meaning, And narrative-descriptive. 3. Design R&D (<i>research design</i>) has communicated with <i>focused groups discussion</i> (FGD) (special creation art And topic study certain) Which refers on chart flow creative, productive, And distributive. 4. Elements base art, that is form (<i>appearance</i>), weight (<i>content</i>), And appearance has been established. 5. Characteristics elements aesthetics has mastered And understood. 6. Alternative methodologies, procedures and stages Which will done has explored. 7. There are already models and simulations of the creative process For creation art Which can determine results. 8. Has done analysis For test truth principle base creation. |
| 3 | Methodology study/ planning/ creation/ viewing arranged in a way complete. | <ol style="list-style-type: none"> 1. Methodology study/ planning/ creation/ viewing Which used to answer research questions and creative design questions /creation /views has arranged, And use method SMART: S (<i>specific</i> / Specific), m (<i>measurable</i> / measurable), A (<i>achievable</i> / can reachable), R (<i>reasonable</i> / reasonable), And Q (<i>timeable</i> / scheduled). 2. Has arranged argumentation to question study And question creative design/creation/display designed according to the source of creation art and/or gathering needs and technique collection data. 3. Identification of research/design/problems creation/ viewing has set For determine base theory or base thinking. 4. Approach study/ planning/ creation/display has been mastered and understood. 5. Characterization of aesthetic components and elements element culture Which will developed has mastered And understood. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|--|
| | | <ol style="list-style-type: none"> 6. Data Enough And complete. 7. Evaluation technical process creative study/ planning/ creation/ viewing. 8. Design study/ planning/ creation/ theoretical and empirical screenings have been identified And set. |
| 4 | Implementation process creative Work studio or environment laboratory in development prototype workart. | <ol style="list-style-type: none"> 1. Component base method And process creation integrated Work in a way together And sustainable. 2. Originality And uniqueness product art enrich identity personality national. 3. Prototype Which generated in scale studio. 4. Tests have been carried out to get it evaluation or criticism from observers Which competent. |
| 5 | Validation prototype/ product/ work art scale studio (<i>studio scale prototype</i>). | <ol style="list-style-type: none"> 1. Has determined category prototype work art based on equality with work art kind. 2. Has done development prototype studio scale as part of innovation and actualization style art. 3. Has done testing level representation prototype scale studio based on standard Which applies in a way national And international. 4. Prototype validation testing has been carried out scale studio use aesthetics Which applies on moment That. |
| 6 | Testing field prototype/ product/ work art scale studio | <ol style="list-style-type: none"> 1. Testing validation prototype scale studio become a strategic part of product socialization art and culture are related to power competitive. 2. Testing prototype scale studio For know level trust or satisfaction public to quality product. 3. Proof level trust or satisfaction public And effectiveness prototype scale commercial on amount limited. 4. The prototype has been tested with accuracy/fidelity studio/ laboratory Which tall onsimulation public as base social. 5. Has done test try studio Which analyze appropriateness in a way technical And financial in business creative. |

| NO | DEFINISI/STATUS | INDIKATOR |
|----|---|---|
| 7 | Testing field prototype/ product/ work art Which Already implemented in public. | <ol style="list-style-type: none"> 1. Testing validation prototype on A level exhibitions/performances/screenings national followed minimum 3 province. 2. Has done testing prototype For ensure the level of effectiveness in numbers more big level national. 3. Specification work art has own superiority comparative And competitive. |
| 8 | The resulting product/work of art is complete tested on environment actually. | <ol style="list-style-type: none"> 1. Testing validation results work art on an exhibition/performance/screening international standard (followed by at least 3 country). 2. Has done analysis appropriateness economy. 3. The certification process has begun and standardization For guard quality as well as exhibition/ performance program / viewing Which required. 4. Has done proof level popularity and effectiveness of the work of art on exhibition/ show/ viewing. |
| 9 | Results product/ work art tested And certified. | <ol style="list-style-type: none"> 1. Results work art has accepted in a way national And international through process curatorial. 2. Document certification Already complete. 3. Estimated price of works of art has been determined. |

Attachment 27. Format Substance Proposals Study

Attachment 27.1. Format Substance Proposals Study Base (Study Work Same, Study Postgraduate, Lecturer Research Beginner, Study Policy Strategic)



Stuffing Substance Proposals

SCHEME STUDY BASE

Instructions: Applicants are only permitted to fill in the space provided accordingly with instructions for filling in and no modifications to *the template* or deletion in every part.

TITLE

Tuliskan Judul Usulan

etc.

SUMMARY

Ringkasan penelitian tidak lebih dari 300 kata yang berisi urgensi, tujuan, dan luaran yang ditargetkan.

etc.

SAY KEY

Kata kunci maksimal 5 kata

keyword_1; keyword2;etc.

INTRODUCTION

Penelitian Dasar merupakan riset yang memuat temuan baru atau pengembangan ilmu pengetahuan dari kegiatan riset yang terdiri dari tahapan penentuan asumsi dan dasar hukum yang akan digunakan, formulasi konsep dan/ atau aplikasi formulasi dan pembuktian konsep fungsi dan/ atau karakteristik penting secara analitis dan eksperimental.

Pendahuluan penelitian tidak lebih dari 1.000 kata yang terdiri dari:

- A. Latar belakang dan rumusan permasalahan yang akan diteliti.
- B. Pendekatan pemecahan masalah.
- C. *State of the art* dan kebaruan.
- D. Peta jalan (*roadmap*) penelitian 5 tahun ke depan (jika dalam bentuk konsorsium harus dilengkapi dengan *roadmap* penelitian konsorsium).

METHOD

Metode atau cara untuk mencapai tujuan yang telah ditetapkan ditulis tidak melebihi 1.000 kata. Bagian ini dapat dilengkapi dengan diagram alir penelitian yang menggambarkan apa yang sudah dilaksanakan dan yang akan dikerjakan selama waktu yang diusulkan. Format diagram alir dapat berupa *file* JPG/PNG. Metode penelitian harus dibuat secara utuh dengan penahapan yang jelas, mulai dari awal bagaimana proses dan luarannya, dan indikator capaian yang ditargetkan yang tercermin dalam Rencana Anggaran Biaya (RAB).

.....
 etc.

TIMETABLE STUDY

Jadwal penelitian disusun berdasarkan pelaksanaan penelitian.

Year number 1

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|-----------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year 2nd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|-----------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year the 3rd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|-----------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

LIST REFERENCES

Sitasi disusun dan ditulis berdasarkan sistem nomor sesuai dengan urutan pengutipan, mengikuti format *Vancouver*. Hanya pustaka yang disitasi pada usulan penelitian yang dicantumkan dalam Daftar Pustaka.

- [1]
- [2]
- [3] etc.

Attachment 27.2. Format Substance Proposals Study Applied



Stuffing Substance Proposals

SCHEME STUDY APPLIED

Instructions: Applicants are only permitted to fill in the space provided accordingly with instructions for filling in and no modifications to *the template* or deletion in every part.

TITLE

Tuliskan Judul Usulan

..... etc.

SUMMARY

Ringkasan penelitian tidak lebih dari 300 kata yang berisi urgensi, tujuan, dan luaran yang ditargetkan.

..... etc.

SAY KEY

Kata kunci maksimal 5 kata

keyword_1; keyword2;etc.

INTRODUCTION

Applied Research is a research activity that includes research and development prototypes or policy recommendations, proposals, concepts, models and indices which include validation stages components/subsystems in a laboratory environment, validation of components/subsystems in a relevant environment, demonstration of a model or prototype of a system/subsystem in a environment Which relevant or work monumental.

Introduction study No more from 1,500 say Which consists from:

1. Track prototype, script policy or work monumental
 - A. Background behind And formulation problem Which will researched.
 - B. Approach solution problem.
 - C. *State of the art* And novelty.
 - D. Explanation achievements research previously form patent or work monumental.
 - E. Map road (*roadmap*) study previously until at least 5 year to front.
2. Track expertise
 - A. Background behind And formulation problem Which will researched.
 - B. Approach solution problem.
 - C. *State of the art* And novelty.
 - D. Description expertise (journal reputable, riches intellectual, networking national/ international, means infrastructure And team researchers).
 - E. Map road (*roadmap*) study previously until at least 5 year to front.
3. Study Product Vocational
 - A. Background behind And formulation problem Which will researched.
 - B. Approach solution problem.
 - C. *State of the art* And novelty.
 - D. Explanation achievements research previously.

- E. Peta jalan (*roadmap*) penelitian sebelumnya hingga setidaknya 5 tahun ke depan.
- F. Deskripsi mitra, rekam jejak kemitraan, dan kontribusinya dalam penelitian.

.....
 etc.

METHOD

Metode atau cara untuk mencapai tujuan yang telah ditetapkan ditulis tidak melebihi 1.000 kata. Bagian ini dapat dilengkapi dengan diagram alir penelitian yang menggambarkan apa yang sudah dilaksanakan dan yang akan dikerjakan selama waktu yang diusulkan. Format diagram alir dapat berupa *file* JPG/PNG. Metode penelitian harus dibuat secara utuh dengan penahapan yang jelas, mulai dari awal bagaimana proses dan luarannya, dan indikator capaian yang ditargetkan yang tercermin dalam Rencana Anggaran Biaya (RAB).

..... etc.

TIMETABLE STUDY

Jadwal penelitian disusun berdasarkan pelaksanaan penelitian.

Year number 1

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year 2nd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year the 3rd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

LIST REFERENCES

Sitasi disusun dan ditulis berdasarkan sistem nomor sesuai dengan urutan pengutipan, mengikuti format *Vancouver*. Hanya pustaka yang disitasi pada usulan penelitian yang dicantumkan dalam Daftar Pustaka.

[1]

[2] etc.

Attachment 27.3. Format Substance Proposals Study Development



Stuffing Substance Proposals **SCHEME STUDY DEVELOPMENT**

Instructions: Applicants are only permitted to fill in the space provided accordingly with instructions for filling in and no modifications to *the template* or deletion in every part.

TITLE

Tuliskan Judul Usulan

..... etc.

SUMMARY

Ringkasan penelitian tidak lebih dari 300 kata yang berisi urgensi, tujuan, dan luaran yang ditargetkan.

..... etc.

SAY KEY

Kata kunci maksimal 5 kata

keyword_1; keyword2; etc.

INTRODUCTION

Penelitian Pengembangan merupakan kegiatan riset dan pengembangan yang memuat prototipe laik industri atau pengujian proporsi, model, dan konsep dari kegiatan riset yang terdiri dari tahapan demonstrasi prototipe sistem dalam lingkungan sebenarnya, sistem telah lengkap dan handal melalui pengujian dan demonstrasi dalam lingkungan sebenarnya, dan sistem benar-benar teruji/terbukti melalui keberhasilan pengoperasian.

Pendahuluan penelitian tidak lebih dari 1.500 kata yang terdiri dari:

- A. Latar belakang dan rumusan permasalahan yang akan diteliti.
- B. Pendekatan pemecahan masalah.
- C. *State of the art* dan kebaruan.
- D. Penjelasan capaian riset sebelumnya berupa paten atau karya monumental.
- E. Peta jalan (*roadmap*) penelitian sebelumnya hingga setidaknya 5 tahun ke depan.
- F. Deskripsi mitra, rekam jejak kemitraan, dan kontribusinya dalam penelitian.

..... etc.

METHOD

Metode atau cara untuk mencapai tujuan yang telah ditetapkan ditulis tidak melebihi 1.000 kata. Bagian ini dapat dilengkapi dengan diagram alir penelitian yang menggambarkan apa yang sudah dilaksanakan dan yang akan dikerjakan selama waktu yang diusulkan. Format diagram alir dapat berupa *file* JPG/PNG. Metode penelitian harus dibuat secara utuh dengan penahapan yang

jelas, mulai dari awal bagaimana proses dan luarannya, dan indikator capaian yang ditargetkan yang tercermin dalam Rencana Anggaran Biaya (RAB).

.....
 etc.

TIMETABLE STUDY

Jadwal penelitian disusun berdasarkan pelaksanaan penelitian.

Year number 1

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year 2nd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

Year the 3rd

| No | Name Activity | Mont h | | | | | | | | | | | |
|------|---------------|--------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| etc. | | | | | | | | | | | | | |

LIST REFERENCES

Sitasi disusun dan ditulis berdasarkan sistem nomor sesuai dengan urutan pengutipan, mengikuti format *Vancouver*. Hanya pustaka yang disitasi pada usulan penelitian yang dicantumkan dalam Daftar Pustaka.

[1]

[2]

[3] etc.

Attachment 28. Criteria Stages Outer Study And Validity Evaluation Outer Attachment

28.1. SCHEME STUDY BASE

A. Outer Must Program Study Work Same

A1. One article in journal international Which indexed on *databases* reputable with status *published*

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|--------------------------------------|------------------------------------|------------------|---|---|--|---|--|---|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal international | Articles in journals international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>the database</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/ WoS | <i>Softcopy</i> article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy of</i> the article does not There is • Not included in the article indexed international reputable • Article cannot be explored from URLs Which given • Year <i>published</i> before period study • Substance article No according to the topic study • No involve entire institution member team • No name student guidance together |

A2. One article in journal national with status *published*

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---------------------------------|-------------------------------|------------------|---|---|---|---|--|---|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal national | Articles in journals national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable Sinta 1 - 2 | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy article which was published in journal</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included indexed national articles reputable • Article No can explored from URLs Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with the topic study • No involve all over institution member team • No name student guidance together |

A3. One book results study has an ISBN in form print

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------------------|--|-------------------|---|---------------------|--|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Printed book Results Study | <ul style="list-style-type: none"> • Book Reference / Monograph • Book Teach | Published on ISBN | <ul style="list-style-type: none"> • Letter Information rising from publisher And mention amount copy | There is/ available | <ul style="list-style-type: none"> • There is ISBN • Already Rise (there is a letter information from publisher) • Type book in the form of: textbooks, book reference/ monograph • Contents book in accordance with substance study • Year rise in period study • Amount page minimum 40 page | <ul style="list-style-type: none"> • Number ISBNprint • Writer's name (Can more from 1) • Name Publisher • URLs (If There is) | <ul style="list-style-type: none"> • Letter Information rising from publisher and mention amount copy • <i>Softcopy</i> in format pdf which contains cover , page come back title, and list of contents (maximum 20 MB) | <ul style="list-style-type: none"> • No There is ISBN • There isn't any letter information from publisher • Book contents it is not in accordance with title, no complete, or not can be read • Book contents it is not in accordance with substance study • Year rise before period study • Amount page not enough from 40page |
| | | | | <ul style="list-style-type: none"> • <i>Softcopy</i> in format pdf which contains cover , page come back title, And listfill (maximum 20 MB) | There is/ available | | | | |

A4. Patents/Patents Simple or *policy briefs*, script academic or work monumental

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------------|---|---------------------|---|---------------------|--|---|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| 2nd or to3 | Patent/Patent Simple | <ul style="list-style-type: none"> Patent process Patent product | Registered | <ul style="list-style-type: none"> The letter state number registration the patent issued Ministry of Law and Human Rights or institution international | There is/ available | <ul style="list-style-type: none"> Has get The letter state number registration the patent issued Ministry of Law and Human Rights or institution international | <ul style="list-style-type: none"> Name patent Patent holder (Can more from 1) Number registration patent Date recording patent | <ul style="list-style-type: none"> The letter state number registration the patent issued Ministry of Law and Human Rights or institution international Description And specification patent | <ul style="list-style-type: none"> The letter states the number patent registration which are issued Ministry of Law and Human Rights or institution international No There is Year registration patent before period study Description and specification patent No There is The patent produced no in accordance with substance study |
| | | | | <ul style="list-style-type: none"> Description And specification on patent | There is/ available | | | | |
| 2nd or to3 | Manuscript Academic | <ul style="list-style-type: none"> <i>Policy briefs</i> , recommendation policy, or model policy strategic | Finished/ Submitted | <ul style="list-style-type: none"> News Handover script academic Manuscript <i>Policy briefs</i> , recommendation policy, or policy model strategic | There is/ available | <ul style="list-style-type: none"> <i>Policy</i> Manuscript <i>briefs</i> , recommendation policy, or policy model strategic | <ul style="list-style-type: none"> Manuscript Title <i>Policy briefs</i> , recommendation policy, or model policy strategic Compiler name script (can be more from One) | <ul style="list-style-type: none"> News Handover script academic <i>Softcopy</i> script <i>Policy briefs</i> , recommendation policy, or policy model strategic | <ul style="list-style-type: none"> News Program Hand it over Receive the script academic <i>Softcopy</i> script <i>Policy briefs</i> , recommendation policy, or policy model strategic No There is Substance script |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---|--|-----------------------|---|---------------------|--|---|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | | | | | | <i>Policy briefs , recommendation policy, or model policy strategic</i> |
| 2nd or to3 | Work Monument -tal | Work Monumental | Already do Exhibition | <ul style="list-style-type: none"> Documentation exhibition/ staging form Photo/ link videos | There is/ Available | <ul style="list-style-type: none"> Number of viewersminimum 100 person | <ul style="list-style-type: none"> Date and exhibition place/ staging Amount viewer/ visitors | <ul style="list-style-type: none"> <i>Upload</i> documentation exhibition/ staging orlink | <ul style="list-style-type: none"> Amount spectators/visitors ng less than 100 person No There is documentati onexhibition/ staging |
| 2nd or to3 | Protectionn Variety Plant (PVT) | Varieties of type or species plant new | registere d | Documentary evidence registration | There is/ Available | <ul style="list-style-type: none"> Own PVP documents which has registered | <ul style="list-style-type: none"> Name species Name varieties Name / Breeder (can more from 1 breeder) Breeding Institution Number document registration Date registration | Documentary evidence registration | There is no proof document registration |
| 2nd or to3 | Tata Design Circuit Location Integrated (DTLST) | Tata Design Circuit Location Integrated Electronic | registere d | Documentary evidence registration | There is/ available | <ul style="list-style-type: none"> Own DTLST documentwhich has registered | <ul style="list-style-type: none"> Name DTLST Holder right DTLST (can more from 1) Number document registration Date registration | Documentary evidence registration | There is no proof document registration |

B. Outer Must Program Study Postgraduate

B1. One article in journal international Which indexed on *databases* reputable with status *published*

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|--------------------------------------|----------------------------------|------------------|---|---|---|---|---|--|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/ WoS | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included article international indexed reputable • Article No can explored from URLs Which given • Year <i>published</i> before period study • Substance article does not match topic study |

B2. One article in journal international with status *published*

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|--------------------------------------|----------------------------------|------------------|---|---|------------------------------|--|---|--|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in Journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | Article has <i>published</i> | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included article international • Article No can explored from URLs Which given • Year <i>published</i> before period study • Substance article not appropriate to the topic study |

B3. One article in journal national with status *published*

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|--------------------------------|-----------------------------|------------------|---|---|---|---|--|---|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journalnational | Article in journal national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable Sinta1 – 4 (for master) • Indexed on <i>databases</i> reputable Sinta1 or 2 (for doctor) | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy</i> of the articlewhich was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the articleNo There is • Not included indexed national articles reputable • Article No can explored from the URLWhich given • Year <i>published</i> before period study • Substance article not appropriate to the topic study |

B4. Feasibility Study

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|------------------|--|-------------------|--|---------------------|-----------------------------|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1 | Product industry | <ul style="list-style-type: none"> Report Feasibility Study | Document complete | <ul style="list-style-type: none"> Documents that contains identification need customers and market map (fulfillment need public as a solution the problem) Documents that load candidate mapping user for product/model applied/services Whichplanned | Yes/available | Yes/available | <ul style="list-style-type: none"> Product And specificationWhich researched | <ul style="list-style-type: none"> Documents that contains identification need customers and market map (fulfillment need public as a solution the problem) Documents that load candidate mapping user for product/model applied/services Whichplanned. | <ul style="list-style-type: none"> Documents don't explain identification need customers and market map (fulfillment need public as a solution the problem) Documents don't load candidate mapping user for product/model applied/services Whichplanned |

C. Outer Must Program Study Lecturer Beginner

C1. One article in journal international Which indexed on *databases* reputable with status *published*

| External transactions on proposal | | | | | | Validation/assessment outer | | | |
|-----------------------------------|--------------------------------------|----------------------------------|------------------|--|---|---|--|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in Journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at SCIMAGO/WoS | <i>Softcopy</i> that article published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included article international indexed reputable • Article no can be traced from that URL given • Year <i>published</i> before period study • Article substance it is not in accordance with with topic study |

C2. One article in journal international with status *published*

| External transactions on proposal | | | | | | Validation/assessment outer | | | |
|-----------------------------------|--------------------------------------|----------------------------------|------------------|--|---|------------------------------|--|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | <p>There is/ availableHe</p> <p>There is/ availableHe</p> | Article has <i>published</i> | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI | <i>Softcopy</i> that article published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the articleNo There is • Not included article international • Article cannot be traced from the URLWhich given • Year <i>published</i> before period study • Article substanceit is not in accordance with with topic study |

C3. One article in journal national with status *published*

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---------------------------------|-----------------------------|------------------|---|---|---|--|---|--|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1, 2, 3 | Publication in journal national | Article in journal national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • Article URL from publisher | <p>There is/ available</p> <p>There is/ available</p> | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>database</i>s reputable Sinta 1 - 6 | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • Journal URL at Sprott Rating Accreditation | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included indexed national articles reputable • Article No can explored from the URL Which given • Year <i>published</i> before period study • Article substance it is not in accordance with with topic study |

C4. Feasibility Study

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|------------------|--|-------------------|--|---------------------|-----------------------------|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| Number 1 | Product industry | <ul style="list-style-type: none"> Report Feasibility Study | Document complete | <ul style="list-style-type: none"> Documents that contains identification need customers and market map (fulfillment need public as a solution the problem) Documents that load candidate mapping user for product/model applied/services Whichplanned | Yes/available | Yes/available | <ul style="list-style-type: none"> Product And specificationWhich researched | <ul style="list-style-type: none"> Documents that contains identification need customers and market map (fulfillment need public as a solution the problem) Documents that load candidate mapping user for product/model applied/services Whichplanned. | <ul style="list-style-type: none"> Documents don't explain identification need customers and market map (fulfillment need public as a solution the problem) Documents don't load candidate mapping user for product/model applied/services Whichplanned |

D. Outer Must Program Study Policy Strategic

D2. Outer Mandatory Program Study Policy Strategic (KKS)

| Transaction outer on proposal | | | | | Validation/assessment outer | | | | |
|--|---|---|--|---|-----------------------------|---|---|--|--|
| Year | External Category | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Number 1 | <ul style="list-style-type: none"> Manuscript Academic | <ul style="list-style-type: none"> <i>Policy briefs</i>, recommendation policy, or models policy strategic | <ul style="list-style-type: none"> Finished | <ul style="list-style-type: none"> Manuscript <i>Policy briefs</i>, recommendation policy, or model policy strategic | There is/ available | <ul style="list-style-type: none"> Manuscript <i>Policy briefs</i>, recommendation policy, or model policy strategic in accordance assignment has resolved | <ul style="list-style-type: none"> Manuscript Title <i>Policy briefs</i>, recommendation policy, or model policy strategic Name compiler script (can more from One) | <ul style="list-style-type: none"> <i>Softcopy</i> script <i>Policy briefs</i>, recommendation policy, or models policy strategic | <ul style="list-style-type: none"> <i>Softcopy</i> of the manuscript <i>Policy briefs</i>, recommendation policy, or model policy strategic No There is Substance <i>Policy</i> manuscript <i>briefs</i>, recommendation policy, or policy model strategic no in accordance assignment |

Attachment 28.2. SCHEME STUDY APPLIED

A. Outer Must Study Applied with Track Prototype or Work Monumental

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|------------|--------|--|---------------------|---|--|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1 | Prototype | Prototype | Done | <ul style="list-style-type: none"> Description and product specifications Product documentation (photo/video) | There is/ available | Have been done making KI-based products Which submitted | Name Product Component/ material standard | <ul style="list-style-type: none"> Description and product specifications Product documentation (photo/video) | <ul style="list-style-type: none"> Description and product specifications There isn't any Documentation product (photo/video) No There is |
| To 2 | Prototype | Prototype | Done | <ul style="list-style-type: none"> Test results document product field/environment limited Documentation testing (Photo or videos) | There is/ available | Has done testin field/environment bro limited | <ul style="list-style-type: none"> Name product Date Testing product | <ul style="list-style-type: none"> Test results document product field/environment limited Documentation testing (Photo or videos) | <ul style="list-style-type: none"> Test result document field/environment limited, no There is Documentation testing (photo or videos) No There is Description and specification product No There is Date testing product before period study Product No part of substance study |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|--|----------------------------------|------------------|---|---------------------|---|---|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 3 | Prototype | Prototype | Done | <ul style="list-style-type: none"> Test results document product field/environment Actually Documentation testing product (Photo or videos) | There is/ available | Has done testin field/environment bro Actually | <ul style="list-style-type: none"> Name product Date Testing product Certificate no industrial design(If There is) | <ul style="list-style-type: none"> Documentation testing (Photo or videos) Test results document product field/environment Actually Draft design industry | <ul style="list-style-type: none"> Test result documents i field/environment actually No There is Documentation n testing (photo or videos) No There is Description and specification productNo There is Date testing productbefore period study Product isn't it part of substance study Draft design industry No There is |
| During Period Study | Publication in Journal internationalor | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> <i>Softcopy</i> article URLs article from publisher | There is/ available | <ul style="list-style-type: none"> Article has <i>published</i> Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> Name journal Publisher journal Title article Name Writer URLs Article DOI URLs journal in SCIMAGO/WoS | <i>Softcopy</i> of the articlerise in journal | <ul style="list-style-type: none"> <i>Softcopy</i> of the articleNo There is Not included international articlesindexed reputable Art ikel no can be traced from that URL given Year <i>published</i> before period |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|------------------------------------|-----------------------------|------------------|---|---------------------|---|---|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | | | | | | study • Article substance it is not in accordance with with the topic study |
| | Publication in journal national or | Article in journal national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URL from publisher | There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta • Rating Accreditation | <i>Softcopy</i> of the article rise in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included national articles indexed reputable • Article no can be traced from that URL given • Year <i>published</i> before period study • Article substance it is not in accordance with with topic study |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---|---|---------------------|---|----------------------------------|---|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | <ul style="list-style-type: none"> • Book Print Results Study | <ul style="list-style-type: none"> • Book reference / monograph • Textbooks | Published on ISBN | <ul style="list-style-type: none"> • Letter Information published from publisher And mention the amount copy • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , pages come back title, And list fill (maximum 20 MB) | There is/ available | <ul style="list-style-type: none"> • There is ISBN • Already published (there is a letter information from publisher) • Type of book in the form of: book teach, reference book/ monograph • The contents of the book are appropriate with substance study • Publication Year in period study • Amount page minimum 40 page | <ul style="list-style-type: none"> • Number ISBN print • Name writer (can be more than 1) • Name Publisher • URLs (If There is) | <ul style="list-style-type: none"> • Letter Information published from publisher And mention the amount copy • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , pages come back title, And list fill (maximum 20 MB) | <ul style="list-style-type: none"> • No There is ISBN • No letter information from publisher • The contents of the book are not in accordance with the title, no complete, or No can be read • The contents of the book are not in accordance with the substance study • Publication Year before period study • Amount page not enough from 40 page |
| | <ul style="list-style-type: none"> • Book Electronic Results Study | <ul style="list-style-type: none"> • Book reference / monograph • Textbooks | On line has an ISBN | <ul style="list-style-type: none"> • URLs e-book on publisher/distributor or • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , pages come back title, And list fill (maximum 20 MB) | Can accessed There is/ available | <ul style="list-style-type: none"> • There is ISBN • Own URLs Which Can accessed • Type of book in the form of: book teach, reference book/ monograph • The contents of the book are appropriate with substance study • Publication Year in period study | <ul style="list-style-type: none"> • Number ISBN electronic • Name writer (can be more than 1) • Name Publisher • URLs Book | <ul style="list-style-type: none"> • URLs book electronic • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , pages come back title, And list fill (maximum 20 MB) | <ul style="list-style-type: none"> • No There is ISBN • content is not in accordance with the title, no complete, or No can be read • URLs No can accessed • The contents of the book are not in accordance with the substance study • Year rise before period |

| | | | | | | | | | |
|--|--|--|--|--|--|-------------------|--|--|-------|
| | | | | | | • Amount hala man | | | study |
|--|--|--|--|--|--|-------------------|--|--|-------|

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|------------|--------|-------------|---------------------|-----------------------------|---------------------|-----------------|--------------------------------------|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | | | minimum 40 page | | | • Amount page not enough from 40page |

B. Outer Must Study Applied with Track Manuscript Policy/ Manuscript Academic

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|-------------------|---|-----------------|--|---------------------|---|---|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1 | Manuscript Policy | Manuscript DraftPolicy <ul style="list-style-type: none"> • Law _ • Regulation Government • Presidential Decree • Candy, • Regional Regulation, • Governor Regulation, City Government Regulation, District Government Regulation, Perwalkot, Perbup or • Policy organization national/ international | • Has submitted | • Document resultsexpert test/test public manuscript policy <ul style="list-style-type: none"> • News handover that documentscript policy has received by maker policy | There is/ Available | • Manuscript policy, consisting of: background behind, analysis related existing, sociology, law, academic | • Script type policy (PP, Presidential Decree, Candy, Regional Regulation, Gubernatorial Regulation, City Government Regulation, District Government Regulation, Perwalkot, Perbup or Policy organization national/international) <ul style="list-style-type: none"> • Institution/institution who receive script • Date surrender n policy text to the maker policy | • Manuscript policy <ul style="list-style-type: none"> • Document resultsexpert test/test public manuscript policy • Letter/Form submission policy textto the makerpolicy | • Manuscript policy No There is <ul style="list-style-type: none"> • Document results testexpert/public test policy text No There is • Letter/Form manuscript submissionpolicy to maker policy • Contents policy No in accordance with the substance study • Year letter/form manuscript submissionpolicy before period study |
| To 2 or to 3 | Manuscript Policy | Manuscript DraftPolicy <ul style="list-style-type: none"> • Law _ • Regulation Government • Presidential Decree • Candy, • Regional Regulation, • Governor Regulation, City Government Regulation, District Government Regulation, Perwalkot, Regional | • Has submitted | • Document proof of revision script policy <ul style="list-style-type: none"> • News handover that documentproof of revision script policy has accepted by | There is/ Available | • Manuscript policy revision, composed top: background behind, analysis related existing, sociology, law, academic | • Type of script policy (PP, Presidential Decree, Candy, Regional Regulation, Gubernatorial Regulation, City Government Regulation, District Government Regulation, Perwalkot, Perbup or Policy organization national/international) <ul style="list-style-type: none"> • Institution/institution | • Evidence documents manuscript revision policy <ul style="list-style-type: none"> • News handover that documentproof of revision policy textalready received by maker policy | • Manuscript policy No There is <ul style="list-style-type: none"> • Evidence documents manuscript revision policy No There is • News program s erahaccept the script policy to policy makersNo There is • Contents policy No |

| | | | | | | | | | | |
|--|--|------------|--|--|--|--|--|--|--|--|
| | | Regulation | | | | | | | | |
|--|--|------------|--|--|--|--|--|--|--|--|

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---|--|------------------|--|---------------------|---|--|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | or • Policy organization national/international | | maker policy | | | Which accepts script • Date news program manuscript handover policy to maker policy | | in accordance with substance study • Year letter/form manuscript submission policy before period study |
| during period study | Publication in Journal international or | Articles in journals international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | There is/ Available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in SCIMAGO/ WoS | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included international articles indexed reputable • Article no can be traced from that URL given • Year <i>published</i> before period study • Article substance it is not in accordance with with topic study |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|------------------------------------|---|------------------|---|---------------------|--|--|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | Publication in journal national or | Articles in journals national | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | There is/ Available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in Sinta Rating Accreditation | <i>Softcopy</i> of the article which was published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article No There is • Not included national articles indexed reputable • Article no can be traced from that URL given • Year <i>published</i> before period study • Article substance it is not in accordance with with topic study |
| | • Book Print Results Study | <ul style="list-style-type: none"> • Book reference/monograph • Textbooks | Rise has an ISBN | <ul style="list-style-type: none"> • Letter Information rising from publisher And mention amount copy • <i>Softcopy</i> in format pdf containing <i>cover</i> , page reverse title, and list fill | There is/ Available | <ul style="list-style-type: none"> • There is ISBN • Already Published (available letter information from publisher) • Type of book in the form of: book teach, book reference/ monograph • Book contents in | <ul style="list-style-type: none"> • Number ISBN print • Name p writer (Can more from 1) • Name Publisher • URLs (If There is) | <ul style="list-style-type: none"> • Letter Information published from publisher And mention amount copy • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , page come back title, And list contents (maximum 20MB) | <ul style="list-style-type: none"> • No There is ISBN • There is no letter information from publisher • The contents of the book are not in accordance with the title, no complete, or No can be read • The contents of the book are not in accordance with substance study • Year rise |

| | | | | | | | | | |
|--|--|--|--|--|--|------------------------|--|--|--|
| | | | | | | accord ance with | | | |
|--|--|--|--|--|--|------------------------|--|--|--|

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|------------|--------|-----------------|---------------------|--|---------------------|-----------------|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | (maximum 20 MB) | | substanc estudy • Year rising in period study • Amount page minimum 40 page | | | before period study • Amount page less than 40 page |

C. Outer Must Study Applied with Track Expertise (*Cutting edge*)

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|--------------------------------------|----------------------------------|------------------|---|---------------------|--|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1, 2, 3 | Publication in Journal international | Article in journal international | <i>Published</i> | <ul style="list-style-type: none"> • <i>Softcopy</i> article • URLs article from publisher | There is/ available | <ul style="list-style-type: none"> • Article has <i>published</i> • Indexed on <i>databases</i> reputable (Q1 or Q2) | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in SCIMAGO/WoS | <i>Softcopy</i> that article published in journal | <ul style="list-style-type: none"> • <i>Softcopy</i> of the article does notThere is • No including article indexed international reputable (Q1 And Q2) • Article cannot be explored from URLs Whichgiven • Year <i>published</i> before period study • Substance article No according to the topicstudy |
| during period study | prototype | prototype | Done | <ul style="list-style-type: none"> · Description And specification product · Documentati onproduct · Documentati onresults testing | There is/ available | Has done making based productsKI Which submitted | Product name Date Testing Components/ingr edientsstandard | <ul style="list-style-type: none"> • Description and specifications product · Documentatio nresults testing Documentatio n product (photo/video) | <ul style="list-style-type: none"> • Description and specification product NoThere is Documentation of results no testing Product documentation (photo/video) No There is |

D. Outer Must Study Product Vocational

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|------------------|---|---------------------|---|---------------------|--|---|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| 1 | Product Industry | <ul style="list-style-type: none"> Report <i>Feasibility Study</i> | Agreed with partner | <ul style="list-style-type: none"> Document which contain analysis need customer, condition market, technical, financial, And economical. Document Analysis results which has realized in shape agreement cooperation with partners user results study (product/ model applied/service s) | There is/ available | There is/ available | <ul style="list-style-type: none"> Products and specification Which researched | <ul style="list-style-type: none"> Documents thatcontains needs analysis customer, market conditions, technical, financial,And economical. Results document analysis that has been realizedin the form of employment agreement together with user partners research result (product/ model applied/services) | <ul style="list-style-type: none"> Documents don't explain identification customer needs and market map (fulfillment of needsociety as solution the problem). Documents don't explain need/ partner priority issues identified in of them through joint discussion (<i>small groups discussions</i>) between researcher And partner. Document does not loadcandidate mapping user For product/ applied model/service Which planned. |
| 2,3 | Product Industry | Feasible prototype Industry | Done | <ul style="list-style-type: none"> Description And specification product Document results test product field/ environme nt | There is/ available | Has tested _in field / environment limited | <ul style="list-style-type: none"> Name product Date Testing product | <ul style="list-style-type: none"> Description And specification product Document results test product field/ environme nt | <ul style="list-style-type: none"> Test results document field/environment limited No There is Documentation testing (Photo or videos) No There is Description And specification |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---|------------------------------------|------------------|---|---------------------|---|--|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | limited • Documentation testing product (Photo or videos) • Document results test product field/ environment ntActually • Documentation testing product (Photo or videos) | | | | limited • Documentation testing (photo or videos) | product No There is • Test date product before period study |
| 1,2,3 | Publication in Journal international or | Articles in journals international | <i>Published</i> | • <i>Softcopy</i> article • Article URL from publisher | There is/ available | • Article has <i>published</i> • Indexed on <i>databases</i> reputable | • Name journal • Publisher journal • Title article • Name Writer • URLs Article • DOI • URLs journal in SCIMAGO/ WoS | • <i>Softcopy</i> of the article which was published in journal | • <i>Softcopy</i> article No There is • Not included in the article indexed international reputation • Article cannot be explored from URLs Which given • Year <i>published</i> before period study • Substance article No in accordance with topic study |

| | | | | | | | | | |
|-------|--|---|-------------------|--|---------------------|--|--|---|--|
| 1,2,3 | <ul style="list-style-type: none"> • Book Print Results Study | <ul style="list-style-type: none"> • Book reference / monograph • Textbooks | Published on ISBN | <ul style="list-style-type: none"> • Letter Information rising from publisher And mention | There is/ available | <ul style="list-style-type: none"> • There is ISBN • Already Rise (There is letter information | <ul style="list-style-type: none"> • Number ISBN print • Name writer (can more from 1) | <ul style="list-style-type: none"> • Letter Information published from publisher And mention amount copy | <ul style="list-style-type: none"> • No There is ISBN • No There is letter information from publisher • Contents book No in accordance with title, No |
|-------|--|---|-------------------|--|---------------------|--|--|---|--|

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---------------------------------|---|----------------------|---|-------------------------------------|---|--|---|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | amount copy • <i>Softcopy</i> in format pdf which contain <i>cover</i> , page come back title, Andlist of contents (maximum 20 MB) | | from publisher) • Type of book in the form of: book teach, book reference/ monograph • Book contents in accordance with substance study • Year rising in period study • Amount page minimum 40 page | • Name Publisher • URLs (If There is) | • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , page come back title, And list fill (maximum 20 MB) | complete, or No can be read • The contents of the book are not appropriate with substance study • Year rise before period study • Amount page not enough from 40 page |
| 1,2,3 | • Book Electronic Results Study | • Book reference / monograph • Textbooks | <i>Online</i> _ ISBN | • -book URL on publisher/ distributor • <i>Softcopy</i> in format pdf which contain <i>cover</i> , page come back title, Andlist of contents (maximum 20 MB) | Can accessed There is/ available | • There is ISBN • Own The URL Can accessed • Type of book in the form of: book teach, book reference/ monograph • Book | • Number ISBN electronic • Name writer (can more from 1) • Name Publisher • URLs Book | • URLs book electronic • <i>Softcopy</i> in format pdf Which contains <i>cover</i> , page come back title, And list fill (maximum 20 MB) | • No There is ISBN • The contents of the book are not appropriate with the title, no complete, or No can be read • URLs No can accessed • The contents of the book are not appropriate with substance study • Year rise before |

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--------------|
| | | | | | | contents in accord ance with | | | period study |
|--|--|--|--|--|--|--|--|--|--------------|

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|---|--------------------------|--|---|--|---|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | | | substance study • Year rising in period study • Amount page minimum 40 page | | | • Amount page not enough from 40 page |
| 1,2,3 | Patent | <ul style="list-style-type: none"> • Patent process • Patent product | Registered | <p>The letter state number registration the patent issued Ministry of Law and Human Rights or institution international</p> <p>Description, claim And specification patent</p> | <p>There is/ available</p> <p>There is/ available</p> | <p>Has get- it's a letter Which state number registration the patent issued Ministry of Law-ham or institution international</p> | <ul style="list-style-type: none"> • Name patent • Holder patent (can more from 1) • Number registration patent • Date recording patent • Date Testing | <ul style="list-style-type: none"> • The letter state number registration the patent issued Ministry of Law and Human Rights or institution international • Description, claim And specification patent | <ul style="list-style-type: none"> • Letter Which state registration number patent Which issued Ministry of Law and Human Rights or international institutions do not There is • Registration year patent before the period study • Description And specification patent No There is • Patent Which generated No in accordance with substance study |
| 1,2,3 | Right Create | <ul style="list-style-type: none"> • Program computer • Props For education | Has Approved (Certified) | Certificate of Rights Create issued Ministry of Law and Human Rights or institution international | There is/ available | Have Rights Create | <ul style="list-style-type: none"> • Name Creation • Holder Copyright (Can more | <ul style="list-style-type: none"> • Certificate of Rights Create • Description And specification method | <ul style="list-style-type: none"> • Certificate Right Create No There is • Year of Title certificate Create before the period study |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|---|--------|---|---------------------|-----------------------------|---|-----------------|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | and knowledge knowledge <ul style="list-style-type: none"> • Song or music • Drama or drama musical, dance, choreography, puppetry And pantomime • Art in all shape like art painting, picture, art carving, art calligraphy, art sculpture, art statue, collage and art applied • Architecture • Map • Art Batik or Art motif other • Cinematography • Photography • Translation • Interpretation | | Description, claim And specification patent | There is/ available | | from 1) <ul style="list-style-type: none"> • Number recording Right Create • Date recording right create | | <ul style="list-style-type: none"> • Description And specification No There is • Copyright which generated No in accordance with substance study |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---|--|---------------|---|---------------------|---|--|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| 1,2,3 | Protector-an Variety Plant (PVT) | Varieties of type or species plant new | Has submitted | <p>Results document testing multilocation varieties covers description uniqueness, uniform, stable, And novelty.</p> <p>Results document testing multilocation varieties covers description uniqueness, uniform, stable, And novelty.</p> <p>Document PVP Submissionwith status accepted</p> <p>Letter published protection temporary</p> | There is/ available | Own document PVP Whichhas submitted | <ul style="list-style-type: none"> Name species Name varieties Name Researcher / Breeder (can be morefrom 1 breeder) InstitutionBreeder Number document protection temporary Date its publication document protection temporary | <ul style="list-style-type: none"> Document protection temporary Description varieties Results document testing multilocation varietiesincludes description uniqueness, uniform, stable, And novelty. Document PVP Submissionwith status accepted Letter published protection temporary | <ul style="list-style-type: none"> Protection documents temporary No There is Description and variety specifications no There is Results document multilocation testing varieties covers descriptionuniqueness, uniform, stable,And novelty...no There is Document Submission PVP with status accepted No There is Letter published temporary protectionNo There is Date of publication protection documents temporary before year implementation study |
| 1,2,3 | Tata Design Circuit Location Integrated | Tata Design Circuit Location Integrated Electronic | Certified | <ul style="list-style-type: none"> Document results test DTLST Description Andspecification DTLST | There is/ available | <ul style="list-style-type: none"> DTLST has tested DTLST has certified | <ul style="list-style-type: none"> Name DTLST Holder DTLST rights (Can more from 1) | <ul style="list-style-type: none"> Certificate DTLSTWhich issued Ministry of Law and Human Rights or institution international Description And | <ul style="list-style-type: none"> DTLST certificate issued Ministry of Law and Human Rights or international institutions No There is Year registration |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|---------------------|--|---------------|---|---------------------|--|---|--|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | <ul style="list-style-type: none"> Document results test DTLST Document publication application DTLST Certificate DTLST Book instruction use (<i>manual book</i>) | | | <ul style="list-style-type: none"> Number Certificate DTLST Date Certificate eDTLST Date Testing DTLST | specification DTLST <ul style="list-style-type: none"> Document Resultstest try Documentation testing (in the form of Photo or videos test) Book instruction use (<i>manual book</i>) | DTLST before periodstudy <ul style="list-style-type: none"> Description And specification DTLST does not exist DTLST Which generated No in accordance with substance study |
| 1,2,3 | Manuscript Academic | <i>Policy briefs</i> , recommendati on policy, or model policy strategic | Finished | <i>Policy text briefs</i> , recommendati on policy, or model policy strategic | There is/ available | Manuscript <i>policy briefs</i> , recommenda tionpolicy, or model policy strategic in accordance assignment has resolved | <ul style="list-style-type: none"> Title <i>Policy textbriefs</i> , recommenda tion policy, or models policy strategic Name compiler script (can more from One) | <i>Softcopy</i> script <i>policy briefs</i> , recommendation policy, or model policystrategic | <ul style="list-style-type: none"> <i>Softcopy</i> of the manuscript <i>policybrief</i> , recommendation policy, or model strategic policy does not There is <i>policy textbrief</i> , recommendation policy, or model strategic policy does not in accordance assignment |
| 1,2,3 | Work Monumental | Already do Exhibition | 2nd orthe 3rd | Documentation exhibition/ staging | There is/ available | Amount viewer minimum 100 person | <ul style="list-style-type: none"> Date and place exhibition/ staging | <i>Upload</i> documentati onexhibition/ staging or | <ul style="list-style-type: none"> Amount spectators/visitors not enough from 100 person No There is documentation |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|------------|--------|----------------------------|---------------------|-----------------------------|--|-----------------|------------------------|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | form Photo/ link videos | | | <ul style="list-style-type: none"> Amount viewer/visitors | link | exhibition/performance |

Attachment 28.3. SCHEME STUDY DEVELOPMENT

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|------------------------|--------------|---|---------------------|---|---|--|--|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| To 1 | | Mini plants (scale up) | accomplished | <ul style="list-style-type: none"> Document process layout production Document Details Engineering Design (DED) Documentation (video/photo) | There is/ Available | <ul style="list-style-type: none"> Document appropriateness production (fromside environment, safety Work, quality product) Date implementation in accordance with yearwalk | <ul style="list-style-type: none"> Name Product Capacity Production Components/Materials Raw Analysis Risk Date Implementation | <ul style="list-style-type: none"> Layout document production processDetailed Documents Engineering Design (DED) Documentation (video/photo) | <ul style="list-style-type: none"> Document layouts process production does not There is Document Details Engineering Design (DED) No There is Documentation (video/photo) No There is Year implementation before period study |
| To 2 | | Certification product | Done | Document certification product from official authoritylike: Ministry of Religion | There is/ Available | <ul style="list-style-type: none"> Completeness document certification product Date implementation | <ul style="list-style-type: none"> Name Product Number Certificate Date Certificate Institution that emitcertificate | <ul style="list-style-type: none"> Completeness document certification product Date implementation | <ul style="list-style-type: none"> Completeness document certification product No There is Date |

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|-----------------------|--------|--|---------------------|---|--|---|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | (Halal), Ministry of Health (tools health), BPOM (distribution permitdrug, food, cosmetics) | | in accordance with yearwalk | | in accordance with year walk | implementation before time study |
| to 3 | | <i>Business plans</i> | Done | <ul style="list-style-type: none"> • Document appropriateness market • Document appropriateness technical production • Document appropriateness finance • Document appropriateness management • Document appropriateness environment • Document appropriateness social • Document | There is/ Available | Document <i>feasibility study</i> Which covers market aspects, technical production, finance, management (including appropriateness partnership investment), environment, social, and law | <ul style="list-style-type: none"> • Name product • Brand (If There is) • Certificate numberbrand (If There is) • Date certificate brand (If There is) • Certificate number design industry (If There is) • Certificate date design industry (If There is) | <ul style="list-style-type: none"> • Document appropriateness market • Document technical feasibility production (social engineering And empowerment) • Document appropriateness finance • Document appropriateness management • Document appropriateness environment • Document appropriateness social • Document | <ul style="list-style-type: none"> • Document appropriateness market No There is • Document appropriateness production technicalNo There is • Document appropriateness finances don'tThere is • Document appropriateness management No There is • Document appropriateness environmentNo There is • Document appropriateness social There isn't any • Document appropriate |

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------------------------|
| | | | | appropriat eneslaw • Document <i>business plans</i> | | | | appropriat eneslaw • Document <i>business plans</i> | ness law No There is |
|--|--|--|--|--|--|--|--|--|-------------------------|

| Transaction outer on proposal | | | | | | Validation/assessment outer | | | |
|-------------------------------|----------------|------------|--------|-------------|---------------------|-----------------------------|---------------------|-----------------|---|
| Year | Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriatenes s | Stuffing Researcher | Proof Supporter | No Valid |
| | | | | | | | | | <ul style="list-style-type: none"> • Document <i>business plan</i> There isn't any • Document <i>feasibility study</i> And document <i>business plan</i> No is results study Which funded |

Attachment 29. Format Report Progress Devotion To Public

a. Cover Advance

| |
|---|
| <p style="text-align: center;">LAPORAN KEMAJUAN</p> <p style="text-align: center;">.....*</p> <p style="text-align: center;">Logo Perguruan Tinggi</p> <p style="text-align: center;">JUDUL</p> <p style="text-align: center;">Tahun ke- dari rencana..... tahun</p> <p style="text-align: center;">Ketua/Anggota Tim (Nama lengkap dan NIDN)</p> <p style="text-align: center;">NAMA PERGURUAN TINGGI</p> <p style="text-align: center;">Bulan dan Tahun</p> |
|---|

Information: * Write scheme research/service.

b. Format Page Endorsement Report Progress

PAGE
ENDORSEME
NT

| | | |
|--|---|------------------------------------|
| Title | : | ..... |
| Executor | | |
| Name Complete | : | ..... |
| NIDN | : | ..... |
| Position Functional | : | ..... |
| Program Studies | : | ..... |
| Number MOBILE PHONE | : | ..... |
| Address email (<i>e-mail</i> ) | : | ..... |
| Member (1) | | |
| Name Complete | : | ..... |
| NIDN | : | ..... |
| College Tall | : | ..... |
| Member (2) | | |
| Name Complete | : | ..... |
| NIDN | : | ..... |
| College Tall | : | ..... |
| Member (nth) | | |
| Name Complete | : | ..... |
| NIDN | : | ..... |
| College Tall | : | ..... |
| Institution Partner (If There is) | | |
| Name Institution Partner | : | ..... |
| Address | : | ..... |
| Insurer Answer | : | ..... |
| Year Implementation | : | Year to- from year plan..... |
| Cost Year Walk | : | Rp |
| Cost Whole | : | Rp |

City, date month- year

Know,
Chairman Institution research/service*,

Chair,

Sign hand

Sign hand

(Name Complete)

(Name Complete)

NIP/NIK

NIP/NIK

** Customized with Name institution study And or devotion to publicin PT*

c. Systematics Report Progress

| Report Progress Devotion to Public |
|---|
| COVER PAGE |
| ENDORSEMENT PAGE |
| SUMMARY |
| FOREWORD LIST |
| OF CONTENTS |
| LIST OF TABLES |
| LIST PICTURE |
| APPENDIX LIST |
| CHAPTER 1. |
| INTRODUCTION |
| CHAPTER 2. LITERATURE |
| REVIEW CHAPTER 3. |
| OBJECTIVE AND BENEFIT |
| CHAPTER 4. METHOD |
| CHAPTER 5. RESULTS AND OUTDOOR |
| WHICH ACHIEVED CHAPTER 6. NEXT STAGE |
| PLAN CHAPTER 7. CONCLUSION AND |
| SUGGESTION |
| LIST REFERENCES |
| ATTACHMENT (proof outer Which obtained) |

- Article scientific (*draft* , status *submission* or *reprint*), etc.
- IPR, publication And product other

Attachment 30. Format Report End Year Devotion to Public

a. Cover Advance

REPORT END YEAR

..... *

**College Logo
Tall**

TITLE

Year tofrom plan
..... year

**Team Leader/Member
(Name complete And
NIDN)**

COLLEGE TALL

Month And Year

Information: * Write scheme research/service

b. Format Page Endorsement Report End

PAGE
ENDORSEME
NT

Title :

Researcher/Executor

Name Complete :

NIDN :

Position Functional :

Program Study :

Number HP :

Address email (*e-mail*) :

Member (1)

Name Complete :

NIDN :

College Height :

Member (2)

Name Complete :

NIDN :

College Height :

Member (*nth*)

Name Complete :

NIDN :

College Height :

Institution Partner (If There is)

Name Institution Partners :

Address :

Insurer Answer :

Year Implementation : Year to- from year plan

Cost Year Walking : Rp

Cost Overall : Rp

City, date month Year

Know,

Dean/Chair

Chairman,

Sign hand

Sign hand

(Full name)

(Name Complete)

NIP/NIK

NIP/NIK

Agree,
Chairman Institution Research/Service*

Sign hand

(Name Complete)

NIP/NIK

c. Systematics Report End Year Devotion

| Laporan Akhir Tahun Pengabdian |
|--|
| HALAMAN SAMPUL |
| HALAMAN PENGESAHAN RINGKASAN |
| PRAKATA |
| DAFTAR ISI |
| DAFTAR TABEL |
| DAFTAR GAMBAR |
| DAFTAR LAMPIRAN |
| BAB 1. PENDAHULUAN |
| BAB 2. TARGET DAN LUARAN |
| BAB 3. METODE PELAKSANAAN |
| BAB 4. HASIL DAN LUARAN YANG DICAPAI |
| BAB 5. KESIMPULAN DAN SARAN |
| DAFTAR PUSTAKA |
| LAMPIRAN (bukti luaran yang didapatkan) |
| - Personalia |
| - Tabel isian luaran |
| - Artikel ilmiah (<i>draft</i> , status <i>submission</i> atau <i>reprint</i>), dll. |
| - HKI, publikasi dan produk lainnya. |

* Customized with Name institution study And or devotion to public in PT

Attachment 31. Format Report Use Budget

REPORT USE BUDGET DEVOTION TO THE COMMUNITY

A. Table Expenditure

| NO | DATE | NUMBER PROOF | TYPE EXPENDITURE | DESCRIPTION EXPENDITURE | TOTAL EXPENDITURE |
|--|------|--------------|------------------|-------------------------|-------------------|
| HONORARIUM (15%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| TECHNOLOGY AND INNOVATION (40%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| COST TRAINING (25%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| JOURNEY (15%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| ETC (5%) | | | | | 0 |
| 1 | | | | | |
| 2 | | | | | |
| etc. | | | | | |
| TOTAL BUDGET'S UTILIZATION | | | | | 0 |

B. Resumes Expenditure

| NO | COMPONENT COST | AMOUNT OF FUNDS APPROVED* | USEBUDGET | REMAINDER FUND | PERCENTAGE USEBUDGET |
|----|---|---------------------------|-----------|----------------|----------------------|
| 1 | HONORARIUM (15%) | 45,000,000 | 0 | 45,000,000 | 0% |
| 2 | TOOL AND MATERIAL WHICH SUBMITTED (40%) | 120,000,000 | 0 | 120,000,000 | 0% |
| 3 | COST TRAINING (25%) | 75,000,000 | 0 | 75,000,000 | 0% |
| 4 | JOURNEY AND CONSUMPTION (15%) | 45,000,000 | 0 | 45,000,000 | 0% |
| 5 | ETC (5%) | 15,000,000 | 0 | 15,000,000 | 0% |
| | TOTAL | 300,000,000 | 0 | 300,000,000 | 0% |

Notes:

*Customized with fund Which Approved by DAPTV

C. Proof Expenditure

Attach proof of purchase form photos/ documents (receipt, notes, etc.) along with the statement

**Attachment 32. Format News Program Hand it over Accept Asset
from Lecturer /Servant to party recipients/UKM/Community**

NEWS PROGRAM GIVE IT UP ACCEPT ASSET

Number:

On day This dateof location in Office Institution Study
and Community Service (LPPM)/Institute for Community Service (LPM) PT has
delivered/received goods in accordance with the assignment agreement letter in the context
of carrying out community service
program..... year between:

Name :

Position :

Address :

As person responsible individual as party Which deliver:Name :

Position :

Address :

As party Which accept goods:

List details goods as following:

| No. | Name Goods | Amount Goods | Price Unit (Rp.) | Total Price (Rp.) |
|-----|------------|--------------|----------------------------------|-------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | Amount Total Price (Rp.) | |

Which accept:

Yang deliver:

(Sign Hand And Stamp)

Name :

NIP/NIDN/NIDK:

Name:

NIP/NIDN/NIDK:

Know,
Chairman Institution PT

(.....)

NIP/NIDN/NIDK

Attachment 33. Format *Files* Presentation And Poster

Attachment 33.1. Format *Files* Presentation Implementation Devotion to Public

File Format (PowerPoint) Implementation Devotion to Public

1. Presentation made in form *PowerPoint* .
2. Time presentation maximum 10 minute.
3. All information written in a way short, congested And clear.
4. Amount *slides* maximum 6:
 - a) *Slides* 1 containing
 - Title activity.
 - Location activity.
 - Name proposer And member along with NIDN/NIDK.
 - Year implementation And College Tall.
 - b) *Slides* 2 containing
 - Identity, problem team, And fund Approved (data be delivered inform explanation short).
 - Solution to problem.
 - c) *Slides* 3 containing
 - Activity Which has done (accompanied with Photo supporter activity including achievements mark positive Which accepted by team in a way measurable).
 - d) *Slides* 4 containing
 - Results And outer in form publication (article, IPR, patent, publication media mass, book, etc).
 - Factor Which hamper/obstacle in implementation.
 - Factor Which support in implementation.
 - Solution And follow he continued.
 - e) *Slides* 5 containing
 - Taking pictures activity.
 - Photo tool or goods (given information Name tool, function, explanation toolresults work team or buy.

Attachment 33.1. Format Poster Implementation Devotion to Public

Poster Format (*X-banner*) Implementation Devotion to Public

1. Poster printed with use:
 - a. size: 160cm x 60cm;
 - b. type material: paper *flexi*;
 - c. orientation: portrait.
2. Format writing poster as following:
 - a. Posters must include the KEMDIKBUDRISTEK logo and the college logotall.
 - b. *layout* design is the result of your own work, personal work And No contain element *plagiarism*.
 - c. Poster load title, team executor, agency giver fund, *resume* implementation activity, results implementation activity And technology And innovation Which applied.

Attachment 34. Format Videos Results Activity Devotion to Public

Format Videos Results Activity Devotion to Public

1. On beginning impressions videos must load information as following:
 - a. title And scheme activity devotion to public;
 - b. Name chairman And member accompanied NIDN/NIDK;
 - c. Name college tall; And
 - d. year implementation.

2. Videos duration maximum 5 minute with provision as following:
 - a. include logos KEMDIKBUDRISTEK (as giver fund) And logosuniversity;
 - b. videos displays condition before exists implementation program devotion (partner/region);
 - c. videos displays activity activity implementation devotion (monitoringfield, socialization, hand over accept tool, training, etc);
 - d. videos displays testimonial from partner;
 - e. videos Which made must can describe activity in a way wholeuntil moment This;
 - f. videos Which made is videos short No gathering Photo or *Power point*;
 - g. resolution videos minimum 720p with type videos *landscape* ;
 - h. videos uploaded on page *YouTube* each institution.

3. Page *YouTube* be delivered in report end activity.

Attachment 35. Format Indicator Achievements Outer Devotion to Public

Attachment 35.1. Scheme Empowerment Based Public

| No | Indikator Capaian | Pilihan/Isian |
|----------|------------------------------|---|
| A | Identitas | |
| 1 | Mitra Sasaran | <input type="checkbox"/> Masyarakat Ekonomi Produktif <input type="checkbox"/> Masyarakat Ekonomi Non-Produktif |
| 2 | Status Sosial Mitra | |
| | Masyarakat Ekonomi Produktif | <input type="checkbox"/> Pengusaha Mikro/UMKM <input type="checkbox"/> Anggota Koperasi <input type="checkbox"/> Kelompok Petani/Nelayan/Peternak <input type="checkbox"/> Kelompok Industri Rumah Tangga |
| | Masyarakat Ekonomi Produktif | <input type="checkbox"/> Kelompok Pendidikan (PAUD, SD, SMP, SMA/SMK/Pesantren) <input type="checkbox"/> Kelompok PKK/Karang Taruna <input type="checkbox"/> Puskesmas/Posyandu |
| 3 | Jumlah Mitra | Orang |
| 4 | Pendidikan Mitra | <input type="checkbox"/> S-3 <input type="checkbox"/> S-2 <input type="checkbox"/> S-1 <input type="checkbox"/> Diploma <input type="checkbox"/> SMA <input type="checkbox"/> SMP <input type="checkbox"/> SD <input type="checkbox"/> tidak berpendidikan |
| 5 | Bidang Permasalahan Mitra | <input type="checkbox"/> Teknologi <input type="checkbox"/> Manajemen <input type="checkbox"/> Sosial Ekonomi <input type="checkbox"/> Hukum <input type="checkbox"/> Keamanan |
| 6 | Jarak ke Mitra | <input type="checkbox"/> < 50 KM <input type="checkbox"/> 50 - 100 KM <input type="checkbox"/> 101 - 200 KM <input type="checkbox"/> < 200 KM (beda provinsi) |
| 7 | Jenis Kelamin Tim Pengusul | |
| | Laki-laki | Orang |
| | Perempuan | Orang |
| 8 | Jenis Kelamin Mitra | |
| | Laki-laki | Orang |
| | Perempuan | Orang |
| 9 | Jumlah Mahasiswa | Orang |
| 10 | Jenis Kelamin Mahasiswa | |
| | Laki-laki | Orang |
| | Perempuan | Orang |
| 11 | Metode Pelaksanaan Kegiatan | <input type="checkbox"/> Penyuluhan <input type="checkbox"/> Pendampingan <input type="checkbox"/> Pendidikan <input type="checkbox"/> Demplot/Percontohan <input type="checkbox"/> Rancang Bangun <input type="checkbox"/> Pelatihan |

| | | |
|----------|---|---|
| 12 | Time Effective Implementation | Month |
| 13 | Continuity Program | <input type="checkbox"/> Continued <input type="checkbox"/> Stop |
| 14 | Capacity Production Before Program | (ton/kg/etc.) |
| 15 | Capacity Production After Program | (ton/kg/etc.) |
| 16 | Turnover Before Program | Rupiah |
| 17 | Turnover After Program | Rupiah |
| 18 | Source Funding Other | |
| | Source Funding | Stuffing |
| | Amount Funding | Rupiah |
| B | Contribution Partner | |
| 1 | Role Partner in Activity | <input type="checkbox"/> Object Activity <input type="checkbox"/> Subject Activity |
| 2 | Role Partner in Activity | |
| | Active (specify activity Which held) | ..... |
| | Passive (explain reason passive) | ..... |
| 3 | Role Government Area | <input type="checkbox"/> support fund <input type="checkbox"/> support policy <input type="checkbox"/> support implementation activity |
| 4 | Contribution Funding | Rupiah |
| C | Outer Must Program | |
| 1 | Article Scientific on Journal National Accredited SYNTA 1-6 | In accordance with stuffing outer publication in BIMA |
| 2 | Proceedings And Seminar National has an ISBN | In accordance with stuffing outer proceedings in BIMA |
| 3 | Publication Media Mass | In accordance with stuffing outer publication Media Mass in BIMA |
| 4 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 5 | Enhancement Application SCIENCE AND TECHNOLOGY | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 6 | Repair System Mark Public (Explain) | ..... |
| 7 | Method or System | <input type="checkbox"/> <i>Participatory Rural Appraisal (PRE)</i> <input type="checkbox"/> <i>Logical Frameworks Approach (LFA)</i> <input type="checkbox"/> <i>Focus Group Discussion (FGD)</i> <input type="checkbox"/> <i>Oriented-Project Planning (OPP)</i> <input type="checkbox"/> <i>Rapid Rural Appraisal (RRA)</i> <input type="checkbox"/> <i>Action Research</i> |
| 8 | Product (Goods or Service) | |
| | Goods (Explain) | ..... |
| | Service (Explain) | ..... |
| 9 | <i>Transfer knowledge</i> For partner | |
| | There is (Explain) | ..... |

| | | |
|----------|--------------------------------------|---|
| 10 | Technology Which given | |
| | There is (Explain) | ..... |
| | No There is (Explain) | ..... |
| 11 | Completion problem Which applied | ..... |
| 12 | Change pattern think Which generated | <input type="checkbox"/> Public Involved <input type="checkbox"/> Community Benefits Change pattern think, attitude And profit |
| | Explain | |
| D | Outer Additional Programs | |
| 1 | IPR | <input type="checkbox"/> Patent <input type="checkbox"/> Patent Simple <input type="checkbox"/> Brand <input type="checkbox"/> Right Create <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication Geographical <input type="checkbox"/> Confidential Trade <input type="checkbox"/> PVP <input type="checkbox"/> Or type riches intellectual other:..... |
| 2 | Book has an ISBN | ..... ... |
| 3 | Publication International | ..... ... |

Attachment 35.2. Scheme Empowerment Based Entrepreneurship

| No | Indicator Outer | Options/Fillings |
|--|---|---|
| A | Room Scope** | <input type="checkbox"/> Student Based Based <input type="checkbox"/> Business Campus <input type="checkbox"/> Based Product Superior Area |
| <i>**form stuffing identity institution different based on choice room scope on letter A</i> | | |
| B | Identity Institution** | |
| B1 | Based Student | |
| B1.1 | Shade Institutional | <input type="checkbox"/> LPPM <input type="checkbox"/> CollegeFaculty <input type="checkbox"/> Study Program <input type="checkbox"/> |
| B1.2 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet Complete <input type="checkbox"/> Not yet There is |
| B1.3 | Amount Instructor | Person |
| B1.4 | Amount Practitioner | Person |
| B1.5 | Amount Technician/ <i>programmer</i> | Person |
| B1.6 | Amount <i>Tenants</i> | |
| B1.7 | Type Product <i>Tenants</i> | |
| | goods | Goods |
| | Service | Service |
| B1.8 | Amount Participant KBM | Person |
| B1.9 | Amount Alumni KBM Which Succeed | Person |

| | | |
|-----------|--|--|
| B1.10 | Method Learning Entrepreneurship | <input type="checkbox"/> Training Making ProductBusiness <input type="checkbox"/> Management Training Internship <input type="checkbox"/> at Company Workshop World <input type="checkbox"/> Business <input type="checkbox"/> Visit And Consultation |
| B1.11 | Contribution Funding College Tall | Rupiah |
| B1.12 | Number of New Entrepreneurs Independent Based SCIENCE AND TECHNOLOGY | Person |
| B2 | Based Business Campus | |
| B2.1 | Name Institution | ..... ... |
| B2.2 | Shade Institutional | <input type="checkbox"/> LPPM <input type="checkbox"/> CollegeFaculty <input type="checkbox"/> Study Program <input type="checkbox"/> |
| B2.3 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B2.4 | Status Law Institution | ..... |
| B2.5 | Year Establishment Institution | ..... |
| B2.6 | Commodity Main | |
| | Goods | ..... |
| | Service | ..... |
| B2.7 | Commodity Addition | |
| | Goods | ..... |
| | Service | ..... |
| B2.8 | Supplier Material Raw | |
| | Local | ..... |
| | Regional | ..... |
| | Outside Country | ..... |
| B2.9 | Technology Which Already Dimilliki | ..... |
| B2.10 | Amount Power Work | Person |
| B2.11 | Gender Labor | |
| | Man | Person |
| | Woman | Person |
| B2.12 | Methods and Development Business | <input type="checkbox"/> Plan Production <input type="checkbox"/> Procurement Plan Development andSuggestion <input type="checkbox"/> And Infrastructure <input type="checkbox"/> Plan Development HRPlan <input type="checkbox"/> Marketing <input type="checkbox"/> Plan Investment |
| B2.13 | Amount Enhancement Business Management | ..... |
| B2.14 | Contribution Funding College Tall | Rupiah |
| B3 | Based Superior Area | |

| | | |
|---------|--------------------------------------|---|
| B3.1 | Contribution Funding College Tall | Rupiah |
| B3.2 | Contribution Funding Government Area | Rupiah |
| B3.3 | PARTNER 1 | |
| B3.3.1 | Status Business | <input type="checkbox"/> PT <input type="checkbox"/> CV <input type="checkbox"/> Firm <input type="checkbox"/> Coopera <input type="checkbox"/> tive SME/UMKM/UKMK |
| B3.3.2 | Name Business | ..... |
| B3.3.3 | Type Business | <input type="checkbox"/> Clothing <input type="checkbox"/> Metals and Electronics <input type="checkbox"/> Chemistry And Material <input type="checkbox"/> BuildingFood And <input type="checkbox"/> Agribusiness Craft And General |
| B3.3.4 | Production capacity per Year | ..... |
| B3.3.5 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B3.3.6 | Status Law Institution | ..... |
| B3.3.7 | Year Establishment Institution | ..... |
| B3.3.8 | Commodity Main | |
| | Goods | ..... |
| | Service | ..... |
| B3.3.9 | Commodity Addition | |
| | Goods | ..... |
| | Service | ..... |
| B3.3.10 | Supplier Material Raw | |
| | Local | ..... |
| | Regional | ..... |
| | Outside Country | ..... |
| B3.3.11 | Technology Which Already Dimiliki | ..... |
| B3.3.12 | Amount Power Work | Person |
| B3.3.13 | Gender Power Work | |
| | Man | Person |
| | Woman | Person |
| B3.3.14 | Methods and Development Business | <input type="checkbox"/> Plan Production <input type="checkbox"/> Procurement Plan Development andSuggestion <input type="checkbox"/> And Infrastructure <input type="checkbox"/> Plan Development HRPlan <input type="checkbox"/> Marketing Plan Investment |
| B3.3.15 | Consumer | <input type="checkbox"/> Public In CountryPublic <input type="checkbox"/> Outside Country Industry <input type="checkbox"/> Other <input type="checkbox"/> Institution Government <input type="checkbox"/> Other |

| | | |
|---------|--|---|
| B3.3.16 | Model Marketing | <input type="checkbox"/> Consignment <input type="checkbox"/> Via Collector <input type="checkbox"/> For sale Alone Direct Via <input type="checkbox"/> Distributor Agent <i>Buyers</i> <input type="checkbox"/> buy Direct <input type="checkbox"/> Other |
| B3.3.17 | Guarantee Quality | <input type="checkbox"/> Stage Control Quality <input type="checkbox"/> There is System <input type="checkbox"/> Guarantee QualityNo <input type="checkbox"/> There is The same very |
| B3.3.18 | Problem Which handled through PM-UPUD | <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> HR <input type="checkbox"/> Other |
| B3.4 | PARTNER 2 | |
| B3.4.1 | Status Business | <input type="checkbox"/> PT <input type="checkbox"/> CV <input type="checkbox"/> Firm <input type="checkbox"/> Coopera <input type="checkbox"/> tive <input type="checkbox"/> SME/UMKM/UKMK |
| B3.4.2 | Name Business | ..... |
| B3.4.3 | Type Business | <input type="checkbox"/> Clothing <input type="checkbox"/> Metals and Electronics <input type="checkbox"/> Chemistry And Material <input type="checkbox"/> BuildingFood And <input type="checkbox"/> Agribusiness <input type="checkbox"/> Craft And General |
| B3.4.4 | Production capacity per year | ..... |
| B3.4.5 | Means And Infrastructure | <input type="checkbox"/> There is And Means Complete <input type="checkbox"/> There is And Means Not yet <input type="checkbox"/> CompleteNot yet There is |
| B3.4.6 | Status Law Institution | ..... |
| B3.4.7 | Year Establishment Institution | ..... |
| B3.4.8 | Commodity Main | |
| | Goods | ..... |
| | Service | ..... |
| B3.4.9 | Commodity Addition | |
| | Goods | ..... |
| | Service | ..... |
| B3.4.10 | Supplier Material Raw | |
| | Local | ..... |
| | Regional | ..... |
| | Outside Country | ..... |
| B3.4.11 | Technology Which Already Dimilliki | ..... |
| B3.4.12 | Amount Power Work | Person |
| B3.4.13 | Gender Labor | |
| | Man | Person |
| | Woman | Person |
| B3.3.14 | Method Investment And Development Business | <input type="checkbox"/> Plan Production <input type="checkbox"/> Procurement <input type="checkbox"/> Plan Development <input type="checkbox"/> and |

| | | |
|----------|---------------------------------------|---|
| | | <ul style="list-style-type: none"> <input type="checkbox"/> Suggestion And Infrastructure <input type="checkbox"/> Plan Development HRPlan <input type="checkbox"/> Marketing <input type="checkbox"/> Plan Investment |
| B3.3.15 | Consumer | <ul style="list-style-type: none"> <input type="checkbox"/> Public In CountryPublic <input type="checkbox"/> Outside Country Industry <input type="checkbox"/> Other <input type="checkbox"/> Institution Government <input type="checkbox"/> Other |
| B3.3.16 | Model Marketing | <ul style="list-style-type: none"> <input type="checkbox"/> Consignment <input type="checkbox"/> Via Collector <input type="checkbox"/> For sale Alone Direct Via <input type="checkbox"/> Distributor Agent <i>Buyers</i> <input type="checkbox"/> buy Direct <input type="checkbox"/> Other |
| B3.3.17 | Guarantee Quality | <ul style="list-style-type: none"> <input type="checkbox"/> Stage Control Quality <input type="checkbox"/> There is System Guarantee <input type="checkbox"/> QualityNo There is The same very |
| B3.3.18 | Problem Which handled through PM-UPUD | <ul style="list-style-type: none"> <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> HR <input type="checkbox"/> Other |
| C | Identity Proposer And Partner | |
| 1 | Type Sex Team Proposer | |
| | Man | Person |
| | Woman | Person |
| 2 | Type Sex Partner | |
| | Man | Person |
| | Woman | Person |
| 3 | Amount Student | Person |
| 4 | Type Sex Student | |
| | Man | Person |
| | Woman | Person |
| 5 | Method Implementation Activity | <ul style="list-style-type: none"> <input type="checkbox"/> Counseling <input type="checkbox"/> Accompaniment <input type="checkbox"/> Education <input type="checkbox"/> Demonstration/Pilot <input type="checkbox"/> Design Get up <input type="checkbox"/> Training |
| 6 | Time Effective Implementation | Month |
| 7 | Continuity Program | <ul style="list-style-type: none"> <input type="checkbox"/> Continued <input type="checkbox"/> Stop |
| 8 | Capacity Production Before Program | (ton/kg/etc.) |
| 9 | Capacity Production After Program | (ton/kg/etc.) |
| 10 | Turnover Before Program | Rupiah |
| 11 | Turnover After Program | Rupiah |
| 12 | Source Funding Other | |
| | Source Funding | Stuffing |

| | Amount Funding | Rupiah |
|----------|--|---|
| D | Outer Must Program | |
| 1 | Article Scientific on Journal National Accredited SYNTA 1-6 | In accordance with stuffing outer publication in BIMA |
| 2 | Proceedings And Seminar International | In accordance with stuffing outer proceedings in BIMA |
| 3 | Journal international indexed <i>Copernicus</i> /equivalent | In accordance with stuffing outer journal in BIMA |
| 4 | IPR | <ul style="list-style-type: none"> <input type="checkbox"/> Patent <input type="checkbox"/> Patent Simple <input type="checkbox"/> Brand <input type="checkbox"/> Right Create <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication Geographical <input type="checkbox"/> Confidential Trade <input type="checkbox"/> PVP <input type="checkbox"/> Or type riches intellectual other:..... |
| 5 | Publication Media Mass | In accordance with stuffing outer publication Media Mass in BIMA |
| 6 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 7 | Enhancement Application SCIENCE AND TECHNOLOGY | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 8 | Repair System Partner Value (Management, Use IT, Procedure Management) | ..... |
| 9 | Enhancement <i>Income</i> | ..... |
| 10 | <i>Transfer knowledge</i> For partner | |
| | There is (Explain) | ..... |
| 11 | Technology Which given | |
| | There is (Explain) | ..... |
| | No There is (Explain) | ..... |
| 12 | Completion problem Which applied | ..... |
| 13 | Change pattern think Whichgenerated | <ul style="list-style-type: none"> <input type="checkbox"/> Public Involved <input type="checkbox"/> Community Benefits Change pattern think, attitude And profit |
| | Explain | ..... |
| E | Outer Additional Programs | |
| 1 | Book has an ISBN | ..... |

Attachment 35.3. Scheme Empowerment Based Regionality

| No | Indicator Achievements | Options/Fillings |
|----------|--------------------------------|--|
| A | Identity | |
| 1 | Partner Target | <input type="checkbox"/> Public Economy Productive <input type="checkbox"/> Public Economy Non-Productive |
| 2 | Status Social Partner | |
| | Public Economy Productive | <input type="checkbox"/> Businessman Micro/UMKM <input type="checkbox"/> Member Cooperative <input type="checkbox"/> Group Farmers/Fishermen/Ranchers <input type="checkbox"/> Group Industry House Ladder |
| | Public Economy Productive | <input type="checkbox"/> Educational Groups (PAUD, SD, SMP, high school/vocational school/Islamic boarding school) <input type="checkbox"/> Group PKK/Coral Cadet <input type="checkbox"/> Community Health Center/Posyandu |
| 3 | Amount Partner | Person |
| 4 | Education Partner | <input type="checkbox"/> S-3 <input type="checkbox"/> S-2 <input type="checkbox"/> S-1 <input type="checkbox"/> Diploma <input type="checkbox"/> SENIOR <input type="checkbox"/> HIGH <input type="checkbox"/> SCHOOL <input type="checkbox"/> JUNIOR <input type="checkbox"/> HIGH <input type="checkbox"/> SCHOOL <input type="checkbox"/> elementary school <input type="checkbox"/> No educated |
| 5 | Field Problem Partner | <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> Socioeconomic <input type="checkbox"/> Law <input type="checkbox"/> Security |
| 6 | Distance to Partner | <input type="checkbox"/> < 50 KM <input type="checkbox"/> 50 - 100 KM <input type="checkbox"/> 101 - 200 KM <input type="checkbox"/> < 200 KM (different province) |
| 7 | Type Sex Team Proposer | |
| | Man | Person |
| | Woman | Person |
| 8 | Type Sex Partner | |
| | Man | Person |
| | Woman | Person |
| 9 | Amount Student | Person |
| 10 | Type Sex Student | |
| | Man | Person |
| | Woman | Person |
| 11 | Method Implementation Activity | <input type="checkbox"/> Counseling <input type="checkbox"/> Accompaniment <input type="checkbox"/> Education <input type="checkbox"/> Demonstration/Pilot <input type="checkbox"/> Design Get up <input type="checkbox"/> Training |
| 12 | Time Effective Implementation | Month |

| No | Indicator Achievements | Options/Fillings |
|----------|--|---|
| 13 | Continuity Program | <input type="checkbox"/> Continued <input type="checkbox"/> Stop |
| 14 | Capacity Production Before Program | (ton/kg/etc.) |
| 15 | Capacity Production After Program | (ton/kg/etc.) |
| 16 | Turnover Before Program | Rupiah |
| 17 | Turnover After Program | Rupiah |
| 18 | Source Funding Other | |
| | Source Funding | Stuffing |
| | Amount Funding | Rupiah |
| B | Contribution Partner | |
| 1 | Role Partner in Activity | <input type="checkbox"/> Object Activity <input type="checkbox"/> Subject Activity |
| 2 | Role Partner in Activity | |
| | Active (specify activity Which held) | ..... ... |
| | Passive (explain reason passive) | ..... ... |
| 3 | Role Government Area | <input type="checkbox"/> financial support <input type="checkbox"/> support policy <input type="checkbox"/> support implementation activity |
| 4 | Contribution Funding | Rupiah |
| C | Partner Giver Fund | |
| 1 | Amount staff local government/district government/municipal government Which participate | Person |
| 2 | Amount staff CSR Which participate | Person |
| 3 | Amount funding from local government/district government/municipal government | Rupiah |
| 4 | Amount funding from CSR | Rupiah |
| 5 | Amount funding from source other | Rupiah |
| 6 | System management fund | <input type="checkbox"/> Managed each (PT Andlocal government/district government/city government) <input type="checkbox"/> Managed by team PBW |
| D | Management Activity | |
| 1 | The role of PT | <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| 2 | Role local government/district government/municipal government | <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |

| No | Indicator Achievements | Options/Fillings |
|----------|--|---|
| 3 | Role CSR | <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| 4 | Role Public | <input type="checkbox"/> Leading preparations Set <input type="checkbox"/> technical implementation <input type="checkbox"/> Change strategy approach in fieldManage <input type="checkbox"/> finance <input type="checkbox"/> Set timetable activity |
| E | Outer Must Program | |
| 1 | Article Scientific on Journal National Accredited SYNTA1-6 | In accordance with stuffing outer publication in BIMA |
| 2 | Proceedings And Seminar International | In accordance with stuffing outer proceedings in BIMA |
| 3 | Journal international indexed <i>Copernicus</i> /equivalent | In accordance with stuffing outer journal in BIMA |
| 4 | IPR | <input type="checkbox"/> Patent <input type="checkbox"/> Simple Patent <input type="checkbox"/> Brand <input type="checkbox"/> Copyright <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication <input type="checkbox"/> GeographicalTrade <input type="checkbox"/> Secret PVP <input type="checkbox"/> Or type riches intellectual other:..... |
| 5 | Publication Media Mass | In accordance with stuffing outer publication Media Mass in BIMA |
| 6 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 7 | Enhancement quality system manage regional/village development (quality equipment formal and non-formal organizations formal/groups in region, level use IT, completeness standard procedure management) | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 8 | Repair source Power natural (policy, system manage, explorationAnd conservation) | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 9 | Enhancement Application SCIENCE AND TECHNOLOGY | |

| No | Indicator Achievements | Options/Fillings |
|----------|---------------------------------------|---|
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 10 | Repair System Community Values | ..... |
| 11 | Method or System | |
| 12 | Product (Goods or Service) | |
| | Goods | ..... |
| | Service | ..... |
| 13 | Enhancement <i>Income</i> | ..... |
| 14 | <i>Transfer knowledge</i> For partner | |
| | There is (Explain) | ..... |
| 15 | Technology Appropriate Which given | |
| | There is (Explain) | ..... |
| | No There is (Explain) | ..... |
| 16 | Completion problem Which applied | ..... |
| 17 | Change pattern think Which generated | <input type="checkbox"/> Public Involved <input type="checkbox"/> Public Utilise <input type="checkbox"/> Change pattern think, attitude And profit |
| | Explain | ..... |
| F | Outer Additional Programs | |
| 1 | Book has an ISBN | ..... |

Attachment 35.4. Scheme Empowerment Partner Vocational

| No | Indicator Achievements | Options/Fillings |
|----------|---------------------------|--|
| A | Identity | |
| 1 | Partner Target | <input type="checkbox"/> Public Economy Productive |
| 2 | Status Social Partner | |
| | Public Economy Productive | <input type="checkbox"/> Businessman Micro/UMKM <input type="checkbox"/> Member Cooperative <input type="checkbox"/> Group Farmers/Fishermen/Ranchers <input type="checkbox"/> Group Industry House Ladder |
| 3 | Amount Partner | Person |
| 4 | Education Partner | <input type="checkbox"/> S-3 <input type="checkbox"/> S-2 <input type="checkbox"/> S-1 <input type="checkbox"/> Diploma <input type="checkbox"/> SENIOR <input type="checkbox"/> HIGH <input type="checkbox"/> SCHOOL <input type="checkbox"/> JUNIOR <input type="checkbox"/> HIGH <input type="checkbox"/> SCHOOL <input type="checkbox"/> elementary school <input type="checkbox"/> No educated |
| 5 | Field Problem Partner | <input type="checkbox"/> Technology <input type="checkbox"/> Management <input type="checkbox"/> Socioeconomic <input type="checkbox"/> Law Security <input type="checkbox"/> Health <input type="checkbox"/> Other:..... <input type="checkbox"/> |

| | | |
|----------|---|--|
| 6 | Distance to Partner | <input type="checkbox"/> < 50 KM <input type="checkbox"/> 50 - 100 KM <input type="checkbox"/> 101 - 200 KM <input type="checkbox"/> < 200 KM (different province) |
| 7 | Type Sex Team Proposer | |
| | Man | Person |
| | Woman | Person |
| 8 | Type Sex Partner | |
| | Man | Person |
| | Woman | Person |
| 9 | Amount Student | Person |
| 10 | Type Sex Student | |
| | Man | Person |
| | Woman | Person |
| 11 | Method Implementation Activity | <input type="checkbox"/> Counseling <input type="checkbox"/> Accompaniment <input type="checkbox"/> Education <input type="checkbox"/> Demonstration/Pilot <input type="checkbox"/> Design Get up <input type="checkbox"/> Training |
| 12 | Time Effective Implementation | Month |
| 13 | Capacity Production Before Program | (ton/kg/etc.) |
| 14 | Capacity Production After Program | (ton/kg/etc.) |
| 15 | Turnover Before Program | Rupiah |
| 16 | Turnover After Program | Rupiah |
| 17 | Source Funding Other | |
| | Source Funding | Stuffing |
| | Amount Funding | Rupiah |
| B | Contribution Partner Target | |
| 1 | Role Partner in Activity | <input type="checkbox"/> Object Activity <input type="checkbox"/> Subject Activity |
| 2 | Role Partner in Activity | |
| | Active (specify activity Which held) | ..... |
| | Passive (explain reason passive) | ..... |
| 3 | Contribution Funding | Rupiah |
| C | Partner Giver Fund | |
| 1 | Amount staff CSR Which participate | Person |
| 2 | Amount funding from CSR | Rupiah |
| 3 | Amount funding from source other | Rupiah |
| D | Outer Must Program | |
| 1 | Article Scientific on Journal National Accredited SYNTA 1-6 | In accordance with stuffing outer publication in BIMA |

| | | |
|----|--|---|
| 2 | Proceedings And Seminar International | In accordance with stuffing outer proceedings in BIMA |
| 3 | Journal international indexed <i>Copernicus</i> /equivalent | In accordance with stuffing outer journal in BIMA |
| 4 | IPR | <input type="checkbox"/> Patent <input type="checkbox"/> Patent Simple <input type="checkbox"/> Brand <input type="checkbox"/> Right Create <input type="checkbox"/> Design Industry <input type="checkbox"/> DTLST <input type="checkbox"/> Indication Geographical <input type="checkbox"/> Confidential Trade <input type="checkbox"/> PVP <input type="checkbox"/> Or type riches intellectual other:..... |
| 5 | Publication Media Mass | In accordance with stuffing outer publication Media Mass in BIMA |
| 6 | Enhancement Power Competitive | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 7 | Enhancement quality system manageregional/village development (quality equipment formal and non-formal organizations formal/ groups inregion, level of use IT, completeness standard procedure management) | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 8 | Repair source Power natural (policy, system manage, exploration And conservation) | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 9 | Enhancement Application SCIENCE AND TECHNOLOGY | |
| | Increase (Explain) | ..... |
| | No Increase (Explain) | ..... |
| 10 | Repair System Mark Public | ..... |
| 11 | Method or System | |
| 12 | Product (Goods or Service) | |
| | Goods | ..... |
| | Service | ..... |
| 13 | Enhancement <i>Income</i> | ..... |
| 14 | <i>Transfer knowledge</i> For partner | |
| | There is (Explain) | ..... |
| 15 | Technology Appropriate Which given | |
| | There is (Explain) | ..... |
| | No There is (Explain) | ..... |

| | | |
|----------|--|---|
| 16 | Completion problem Which applied | ..... |
| 17 | Change pattern think Which generated | <input type="checkbox"/> Public Involved <input type="checkbox"/> Public Utilise <input type="checkbox"/> Change pattern think, attitude And profit |
| | Explain | ..... |
| E | Outer Additional Programs in outside outer must | |
| 1. | Book has an ISBN | ..... |
| 2. | <i>Policy briefs</i> | ..... |
| 3. | Other | ..... |

Attachment 36. Format Submission Proposals Devotion to Public Attachment

36.1. Scheme Empowerment Based Public



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 4 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

Insurer answer,
Chairman LPPM/ LPM/
Institution Which kind

<TTD>

<TTD + Stamp>

(.....)

(.....)

| A. Summary Scheme Devotion to Public | |
|---|--|
| A.1. Title | |
| A.2 Name Scheme | Empowerment Based Public (PBM) |
| A.3. Theme Field Focus | <input type="checkbox"/> Thematic special (If choose This, carry on to choice in part A.4.) <input type="checkbox"/> RIRN (If choose This, carry on to choice in part A.5.) |
| A.4. Focus Plane Thematic Special | <input type="checkbox"/> Economy Green <input type="checkbox"/> Economy Blue <input type="checkbox"/> Economy Digital <input type="checkbox"/> Development Tourist <input type="checkbox"/> Independence Health |
| A.5. Focus Plane RIRN | <input type="checkbox"/> Energy <input type="checkbox"/> Food <input type="checkbox"/> Social Humanities <input type="checkbox"/> Material Proceed <input type="checkbox"/> Maritime Affairs <input type="checkbox"/> Disaster <input type="checkbox"/> Health <input type="checkbox"/> Transportation <input type="checkbox"/> Information Technology and <input type="checkbox"/> Resilience and Security Communication |
| A.6. Room scope | <input type="checkbox"/> Beginner Community Empowerment (PMP) : specifically for lecturer Which originate from college tall with cluster pratama. Own objective For empowering partner from group the general public, groups of people who move within field economy And group public Which Study entrepreneurship with duration minimum 6 month. <input type="checkbox"/> Partnership Public (PMK) : specialized to lecturer Which originate from college tall with cluster main, intermediate, And pratama. Own objective For empowering partner from general community groups, mobile community groups in the field of economics and learning community groups entrepreneurship with duration minimum 8 month. <input type="checkbox"/> Community Empowerment by Students (PMM) : specifically for lecturers from universities with main, middle and primary clusters that have programs KKN (Real Work Lecture). Have a goal to improve sympathy And empathy concern student to public with duration minimum 6 month. |
| A.7. Fund Ministry of Education and Culture proposal | IDR XX |
| A.8. Fund partners/parties other (If There is) | IDR XX |
| A.9. Fund partners/parties other <i>in-kind</i> (If There is) | IDR XX |
| A.10. Amount lecturer Which involved | XX person |
| A.11. Amount student Which involved | XX person |

B. Introduction

Introduction No more from 1,000 say Which containing **analysis situation And problem partner** Which will be resolved. The situation analysis description is made comprehensively so that it can illustrate complete partner conditions. The situation analysis is explained based on the existing conditions of partners/communities that will be empowered, supported by partner profiles with data and images Which informative. Specifically For partner Which move in field economy And Study entrepreneurship. Existing conditions are made complete upstream and downstream of the business. The purpose of the activity and its relationship with MBKM, IKU, And focus devotion need outlined.

C. Problem And Solution

C.1. Problem Priority (linked with A4 or A5)

priority problem consists of 500 words containing a description of what will be handled minimum 2 (two) fields/aspects of activity. For an economically productive and prospective society New entrepreneurship covers the fields of production, business management and marketing (upstream and downstream of the business). For non-productive community groups (general public) then the problems are in accordance with need group the, like enhancement service, enhancement peace community, improving/assisting service facilities in all fields, such as social, culture, economy, security, health, education, law, and various other issues in a way comprehensive. Priority problem made in a way Specific. Objective activity And connection with IKU And focus devotion need outlined.

C.2. Solution

Solution problem maximum consists on 1,500 say Which containing description all solution Which offered For finish problem Which faced. Description complete part solution problem load things following.

- Write down all **the solutions offered** to solve the problems faced by partners in a way systematic in accordance with priority problem. Solution must related right with problem partner priorities.
- Write it down **target outer** Which will generated from each solution the Good in facet production and business management (for productive economic partners / leading to the economy productive) or appropriate with a solution above specific problems faced partners of group public Which No productive in a way economic/social.
- Each solution has its own **output completion target** /achievement indicators and wherever possiblePossible measurable or can quantified And pour in form table.
- Description results research team proposer or researcher Which related** with activity Which will held, will own mark plus.

D. Method

Method implementation maximum consists on 1,500 say Which explain stages or step- steps in implementing the solutions offered to overcome partner problems. Description complete part method implementation For overcome problem in accordance stages following.

- For Partners who are engaged in the productive economic sector and are aiming towards a productive economy, then the method of implementing activities is related to stages in at least 2 (two) fields problem Which different Which handled on partner, like:
 - Problem in field production.
 - Problem in field management.
 - Problem in field marketing, And etc.
- For Partner Which No productive in a way economic/social minimum 2 (two) field problems , **state stages or steps implementation devotion** Which taken To use

implement solutions to specific problems faced by partners. Implementation of the solution These are made systematically and include health services, education, security and conflict social, ownership land, need clean water, blind script And etc.

3. Describe How participation partner in implementation program.
4. Describe How evaluation implementation program And continuity program in field after activity finished held.
5. Describe role And task from each member team in accordance with competence And assignment student.
6. Describe potency recognition SKS for student Which involved.

E. Timetable Implementation And Summary Budget

| | | TIMETABLE IMPLEMENTATION | | | | | | | |
|----|---------------|--------------------------|---|---|---|---|---|---|---|
| | | Bulan | | | | | | | |
| No | Nama Kegiatan | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

| | | SUMMARY WED | | |
|----|-------------------------------------|-------------|-----------------------|--------------------|
| | | Jumlah Dana | | |
| No | Jenis Pembelian | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

F. Outcomes and Achievement Targets

| No. | Outer | Target Achievements | Indicator Performance Main (IKU) Related | Target Achievements IKU |
|-----|-------|---------------------|--|-------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

G. Team Executor

| No. | Name | Institution | Position in Team | Description Task |
|-----|------|-------------|------------------|------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

H. List References

The bibliography is arranged and written based on a number system (*Vancouver style*) in sequence quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography.

I. Description Science and Technology

Description science and technology containing description maximum 500 say explain description science and technology Which willimplemented in partner target. Made in form schematic, be equipped with Images/Photos And narrative.

J. Map Location Partner Target

Map location partner target containing picture map location partner Which be equipped with explanation distancepartner target with PT proposer. Picture map Which can inserted can form JPG/PNG

K. Attachment

1. Biodata Proposer (Attachment 1) Format [Attachment 16. Format Biodata Chairman/MembersTeam Executor](#).
2. Description technology Which applied to partner (Attachment 2).
3. Map Which describe distance location activity from college tall proposer (Attachment 3).
4. Letter statement willingness Work The same partner Which signed by partner And stamped Rp. 10,000 (Attachment 4) Format [Attachment 17. Format Statement letter Willingness Work Same](#).
5. Letter Statement Originality Proposal Which signed by chairman executor And stampedRp. 10,000 (Attachment 5) Format [Attachment 18. Formats Letter Statement Originality Proposal](#).
6. Details Plan Budget Cost (Attachment 6) [Format Attachment 19. Format Plan BudgetCost \(WED\)](#).
7. Specifically for the scope of PUK: letter of recommendation from the Chair of LPM/L PPM/ P3M/ DPPM stating that the campus business can be proposed within the scope of PUK and is a businesscampus.

Attachment 36.2. Scheme Empowerment Based Entrepreneurship



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 4 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

Insurer answer,
Chairman of LPPM/
LPM/ Institution Which
kind

<TTD>

(.....)

<TTD + Stamp>

(.....)

| A. Summary Scheme Devotion to Public | |
|---|---|
| A.1. Title | |
| A.2 Name Scheme | Empowerment Based Entrepreneurship (PBK) |
| A.3. Theme Field Focus | <input type="checkbox"/> Thematic special (If choose This, carry on to choice in part A.4.) <input type="checkbox"/> RIRN (If choose This, carry on to choice in part A.5.) |
| A.4. Focus Plane Thematic Special | <input type="checkbox"/> Economy Green <input type="checkbox"/> Economy Blue <input type="checkbox"/> Economy Digital <input type="checkbox"/> Development Tourist <input type="checkbox"/> Independence Health |
| A.5. Focus Plane RIRN | <input type="checkbox"/> Energy <input type="checkbox"/> Food <input type="checkbox"/> Social Humanities <input type="checkbox"/> Material Proceed <input type="checkbox"/> Maritime Affairs <input type="checkbox"/> Disaster <input type="checkbox"/> Health <input type="checkbox"/> Transportation <input type="checkbox"/> Technology Information and <input type="checkbox"/> Resilience and Security Communication |
| A.6. Room scope | <input type="checkbox"/> Entrepreneurship Based Student (KBM) : KBM aim create method training entrepreneurship student Which is continuity for student Which combined in Student Creativity Program (PKM), based scheme entrepreneurship other, or students/alumni Which currently pioneering business. <input type="checkbox"/> Empowerment Partner Business Product Superior Area (PM-UPUD) : PM-UPUD aim increase knowledge And Skills cooperative, group business public, And SMEs/MSMEs whose role is to spur product/service growth superior area For market in country And market global; And improve the quality and quantity of products/services so that they are empowered high competitiveness while remaining based on uniqueness/characteristics the area. <input type="checkbox"/> Development Business Campus (PUK) : PUK aim supporting the autonomy of college campuses through acquisitions income independent or partner; And give chance And experience Work to student. |
| A.7. Fund Ministry of Education and Culture proposal | IDR XX |
| A.8. Fund partners/parties other (If There is) | IDR XX |
| A.9. Fund partners/parties other <i>in-kind</i> (If There is) | IDR XX |
| A.10. Amount lecturer Which involved | XX person |
| A.10. Amount student Which involved | XX person |

B. Introduction

The introductory section is a maximum of 2,000 words containing a description of the situation and problem analysis. In introduction outlined condition And problem entrepreneurship in college tall proposer moment This. For activity devotion to public with choice room scope **Entrepreneurship Based Student (KBM)** . Activity must involve student executor PKMK (Entrepreneurship Student Creativity Program)/other PKM (Student Creativity Program), P2MW (Entrepreneurial Student Development Program) and students who are starting new businesses as well product/commodity Which Already generated or for sale. Description be equipped with data/photos product prospective tenants. Inform whether or not there are internal campus business units with the UJI (Service Business) scheme Industry) And PPUPIK (Program Development Business Product Intellectual Campus) in collegetall proposer and explain condition And commodity existing.

Activity devotion to public with choice room scope **Empowerment Partner Regional Featured Product Business (PM-UPUD)** explained product/service Which generated partner is products/services that are regional superior by citing the Village Profile/RPJMDes/RPJMD, or other sources. Attach a statement letter from the Village or Regional Apparatus Organization (OPD) related to superior products the. Community service activities with a choice of space scope of **Campus Business Development (PUK)** , describe the analysis of the situation and conditions of source *revenue generating* in PT, Good Which Already developed nor Which Not yet developed. Situation Analysis with detailed but concise and concise description components regarding the current conditions of partners covering all aspects of the partner's business such as raw materials (supply, quality, alternative sources), production (equipment, capacity, *in process control* , investment value), process (lay-out, guarantee quality product), product/service (type, amount, specification, quality), distribution product/service until to hand consumer, management (*production planning, accounting-bookkeeping, auditing* , taxation, pattern management, IPR, *inventor y*), marketing (technique marketing, price sell product, consumer), HR (qualification And amount, opportunity training), means (room administration, room production, room storage, showrooms, access to road kingdom, electricity, telecommunication). Financial (capital, *cash-flow* , IRR).

C. Problem And Solution

C.1. Problem Priority (linked with A4 or A5)

Problem Partner linked with problem priority (Economy Green, Economy blue, Health Independence, Digital Economy and Tourism Development) or selected scope general. Disclose all identified **production or management problems** (refers to the analysis of the situation and conditions of potential partners) in every aspect of the partner's business, which includes raw materials, production, processes, products, management, distribution, marketing, resources people, facilities and finances. Also reveal **priority issues** that will be handled together partner for 3 years which is the result of an agreement with the partner. Service activities to public with choice room scope **Development Business Campus (PUK)** , **explain about problems faced in developing income generating** units at PT. Describe about competitors business in public, uniqueness/advantage product compared to with product kind Which Already circulating in public, And consumer. **State type And specification product to be produced** and **explain the design, prototype, machines and equipment, processes, or systems** selected and implemented to develop the business. Describe the product's relationship with Higher Education Findings and IPR, whether PUK products have obtained IPR or have the opportunity obtain IPR and also regarding the innovation contained in PUK products. Explain that too about impact And benefit PUK from facet social economy for need public in a way national.

C.2. Solution

The maximum solutions and problems consist of 1,500 words containing a description of all the solutions offered For finish problem Which faced. For activity devotion to ~~community~~**Student Based Entrepreneurship (KBM)** scope , **description The complete problem solution section** must describe the solution that will be implemented in the effort increasing entrepreneurship in PT, superiority of science and technology for prospective tenant products in KBM, readiness management, university facilities and institutions related to entrepreneurship in the proposing university, the KBM development solution has its own output and as far as possible Possible measurable or can quantified. Deciphered results research team proposer or from researcher other Which related with activity development entrepreneurship Which will held.

Partner Empowerment scope **Business Regional Featured Products (PM-UPUD)**, description all solution Which offered For solve the problems faced. All solutions offered should resolve problem Which faced partner in a way systematic in accordance with priority problem. Solution must be properly related to the partner's priority problems. Target output that will result from each of these solutions both in terms of production and business management with achievement indicators and wherever possible measurable or quantifiable. The solution will be given to partners for 3 (three) years. Research results of the proposing team or other related researchers with activities/solutions Which will held will give mark plus. Activity community service with a choice of **Campus Business Development** scope **(PUK)** solutions offered to solve problems faced regarding strategy in utilise potency *revenue generating* in PT. Deciphered about solution in business development in accordance with the type/field of business proposed in (PUK). structured, in accordance with upstream and downstream business activities. Mapped solutions for 3 (three) years complete activities and also related research results from the proposing team which will be implemented and developed in PUK.

D. Method

The maximum implementation method consists of 2,000 words explaining the stages or steps. steps in implementing the solutions offered to overcome the problem. For activities devotion to public with choice room scope **Entrepreneurship Based Student (KBM)**, description complete part method implementation For overcome problem according to the stages of the KBM participant tenant recruitment pattern, referring to the program output, minimum 5 (five) businessman new independent/year Which own criteria certain Which set. Method approaches that will be implemented such as entrepreneurship training, internships in partner industries, patterns guidance, supervision of tenants, tenant business financing techniques, giving patterns technological assistance and problem solving methods. Possible collaboration with similar off-campus institutions and their operating patterns. Explain in detail about the preparation, implementation and evaluation of KBM activities refers to the description of the implementation method. Number of tenants who become entrepreneurs per year and their replenishment strategy, with criteria- certain criteria, so that the number of tenants remains 20 people per year. The implementation plan is outlined activities within a period of 3 (three) years. Describe the roles and duties of each team member in accordance with the competencies and assignments of MBKM students. Describe the potential for SKS recognition obtained by the students involved. Community service activities with choice room scope **Empowerment Partner Business Product Superior Area (PM-UPUD)**, method approach And application SCIENCE AND TECHNOLOGY Which offered For finish problem partner Which has

mutually agreed, suitability of work volume, suitability of priority scale and phasing every year, partner participation in program implementation, evaluation of program implementation and sustainability of the program in the field and the appropriate roles and duties of each team member with their competencies and student assignments. Describe the potential for credit recognition for students Which involved.

Service activities to public with choice of space scope Business development Campus (PUK), explain facet business plan business activity with share become component Material Baku, Production Which related with amount, type, And capacity equipment Which owned moment this, as well as what is needed in the next three years. Explain the same thing about big mark investment Good Which Already There is nor his needs. For activity form service, so that explained about products/results Work Which *tangible* (measurable), for example book guide, regulation, system, certificate And the like. Describe about means Which has owned And Which willrequired For activity PUK. Process Production concerning process production, system guarantee quality Which will applied, aspect management And Marketing. Aspect HR, financial And means And infrastructure. Deciphered with detailed estimation capital Work Which necessary, predictions current cash minimum three year, B/Cratio, point break even And IRR including percentage contribution Which can given to institution as income (*income generating*) And proof reception fund accompaniment from college tall (*in kind / in cash*). Explain mechanism distribution profit with Institution Campus. For design activity in period time 3 (three) year. Describe role And task from each member team in accordance with competence And assignment student MBKM And potency recognition SKS Which obtained student Which involved.

E. Timetable Implementation And Summary Budget

TIMETABLE IMPLEMENTATION

| No | Nama Kegiatan | Bulan | | | | | | | |
|----|---------------|-------|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

SUMMARY WED

| No | Jenis Pembelanjaan | Jumlah Dana | | |
|----|-------------------------------------|-------------|-----------------------|--------------------|
| | | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

| F. Outcomes and Achievement Targets | | | | |
|---|-------|---------------------|--|-------------------------|
| No. | Outer | Target Achievements | Indicator Performance Main (IKU) Related | Target Achievements IKU |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |
| G. Team Executor | | | | |
| No. | Name | Institution | Position in Team | Description Task |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |
| H. List References | | | | |
| List References arranged And written based on system number (<i>Vancouver style</i>) in accordance with order quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography. | | | | |
| I. Description Science and Technology | | | | |
| Description science and technology containing description maximum 500 say explain description science and technology Which will implemented in partner target. Made in form schematic, be equipped with Images/PhotosAnd narrative. | | | | |
| J. Map Location Partner Target | | | | |
| Map location partner target containing picture map location partner Which be equipped with explanation distancepartner target with PT proposer. Picture map Which can inserted can form JPG/PNG . | | | | |
| K. Attachment | | | | |
| <ol style="list-style-type: none"> 1. Biodata Proposer (Attachment 1) Format Attachment 16. Format Biodata Chairman/MembersTeam Executor). 2. Description technology Which applied to partner (Attachment 2). 3. Map Which describe distance location activity from college tall proposer (Attachment 3). 4. Letter statement willingness Work The same partner Which signed by partner And stamped Rp. 10,000 (Attachment 4) Format Attachment 17. Format Statement letter Willingness to Work Same 5. Letter Statement Originality Proposal Which signed by chairman executor And stampedRp. 10,000 (Attachment 5) Format Attachment 18. Formats Letter Statement Originality Proposal. 6. Details Plan Budget Cost (Attachment 6) Format Attachment 19. Format Plan Budget Cost (WED). | | | | |

Attachment 36.3. Scheme Empowerment Based Regionality



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 4 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

Insurer answer,
Chairman LPPM/ LPM/
InstitutionWhich kind

<TTD>

<TTD + Stamp>

(.....)

(.....)

| | |
|---|----------|
| A.11. Jumlah mahasiswa yang terlibat | XX orang |
|---|----------|

| |
|---|
| B. Introduction |
| <p>Introduction No more from 2,000 say Which containing Analysis situation Partner Region (Village/ Subdistrict/Traditional Village) both in terms of potential and problems, including various problems faced region the. Priority problem partner region outlined in form problem regional areas such as: Education, Health, Production (Agriculture, Livestock, Fisheries), Economy, Arts, Socio-Culture, Tourism, Environment and other regional issues. Map minimal two regional problems that will be worked on every year with a variety of problems in them. Describe Objective PBW And outer activity during 3 year outlined in a way short.</p> <p>The touch from universities in the form of downstreaming multidisciplinary research results will provide acceleration quality and quantity of village progress in all fields without leaving behind superior values or characteristics which the region already has and is linked to RPJM/Non RPJM. Thus, it will wake up PT's target areas are formed and funded jointly with the Regional Government/City Government, CSR and other funders. Also describe the proposed area with the focus area of service government And relationship with achievement IKU College Tall.</p> |
| C. Problem And Solution |
| C.1. Problem Priority (linked with A4 or A5) |
| <p>Priority issues consist of 500 words. Describe the regional priority problem points accordingly agreement with partner Which consists on minimum two field problem region (Education, Health, Production (Agriculture, Farm, Fishery), Economy, Art, Socio-cultural, Tourist, Environment And problem territoriality other) And be equipped with sub problem each each Which will given solution during three year of activity.</p> |
| C.2. Solution |
| <p>The maximum problem solution consists of 1,500 words containing a description of all the solutions offered For finish problem Which faced. Description complete part solution problemload things following.</p> <ol style="list-style-type: none"> a. Write it down all solution Which offered For finish problem Which faced Villages/Subdistricts/Traditional Villages systematically according to problem priorities. A solution must be related right with problem priority region the. b. Write down the achievement indicators that will result from each solution in terms of aspects production, marketing nor management business or in accordance with solution Specific on problem Which faced by region the. c. Every solution has separate achievement indicators and as far as possible measurable or achievable quantified. d. Name it Results research team proposer or researcher other Which will applied For give top solution problem partner. |
| D. Method |
| <p>The maximum implementation method consists of 2,000 words explaining the stages or steps in implementing the solutions offered to overcome the problems of regional partners. Description complete part method implementation For overcome problem in accordance stages following.</p> <ol style="list-style-type: none"> 1. Method implementation activity related with stages on minimum 2 (two) field Different regional problems are handled in each Village/Subdistrict/Traditional Village with minimum two group public, like: <ol style="list-style-type: none"> a. Education And Health, or b. Problem field Agriculture And Education, or |

- c. Problem in Tourist And Environment, or
- d. Problem in field Economy And production, And etc.
2. For Region Which will developed, state stages or steps Which takenTo use carry out solution on problem Specific Which faced by partner.
3. Describe How participation partner in implementation program.
4. Describe How evaluation implementation program And continuity program in fieldafter activity territoriality finished held.
5. For design activity in period time 3 (three) year.
6. Describe role And task from each member team in accordance with competence And assignment student MBKM.
7. Describe potency recognition SKS Which obtained student .

E. Timetable Implementation And Summary Budget

| TIMETABLE IMPLEMENTATION | | | | | | | | | |
|--------------------------|---------------|-------|---|---|---|---|---|---|---|
| No | Nama Kegiatan | Bulan | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

| SUMMARY WED | | | | |
|-------------|-------------------------------------|-------------|-----------------------|--------------------|
| No | Jenis Pembelanjaan | Jumlah Dana | | |
| | | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

F. Outcomes and Achievement Targets

| No. | Outer | Target Achievements | Indicator Performance Main (IKU) Related | Target Achievements IKU |
|-----|-------|---------------------|--|-------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

G. Team Executor

| No. | Name | Institution | Position in Team | Description Task |
|-----|------|-------------|------------------|------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

| |
|---|
| H. List References |
| The bibliography is arranged and written based on a number system (<i>Vancouver style</i>) in sequence quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography. |
| I. Description Science and Technology |
| Description science and technology containing description maximum 500 say explain description science and technology Which will implemented in partner target. Made in form schematic, be equipped with Images/PhotosAnd narrative. |
| J. Map Location Partner Target |
| Map location partner target containing picture map location partner Which be equipped with explanation distancepartner target with PT proposer. Picture map Which can inserted can form JPG/PNG. |
| K. Attachment |
| <ol style="list-style-type: none"> 1. Biodata Proposer (Attachment 1) Format Attachment 16. Format Biodata Chairman/MembersTeam Executor. 2. Description technology Which applied to partner (Attachment 2). 3. Map Which describe distance location activity from college tall proposer (Attachment 3). 4. Letter statement willingness Work The same partner Which signed by partner And stamped Rp. 10,000 (Attachment 4) Format Attachment 17. Formats Statement letter Willingness Work same. 5. Letter Statement Originality Proposal Which signed by chairman executor And stampedRp. 10,000 (Attachment 5) Format Attachment 18. Formats Statement letter Originality Proposal. 6. Proof linkages program with RPJMD or RPJMDes or letter statement village priority. 7. Details Plan Budget Cost (Attachment 6) Format Attachment 19. Format PlanBudget Cost (WED). |

Attachment 36.4. Scheme Empowerment Partner Vocational



| Sheet validation And identity | Date Submission: TT/BB/YYYY |
|---|-----------------------------|
| Information college tall | |
| Name college tall | |
| Name underwriter answer (Chairman LPPM/LPM) | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information chairman team proposer | |
| Name chairman team proposer | |
| Field Knowledge | |
| Address | |
| Telephone office | |
| Telephone handheld (<i>WhatsApp</i>) | |
| Email | |
| Information member proposer | |
| Name member 1 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 2 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 3 | |
| Field Knowledge | |
| Origin college tall | |
| Name member 4 | |
| Field Knowledge | |
| Origin college tall | |

Chairman Team Proposing

<TTD>

(.....)

Insurer answer,
Chairman LPPM/ LPM/
InstitutionWhich kind

<TTD + Stamp>

(.....)

| A. Summary Scheme Devotion to Public | |
|--|---|
| A.1. Title | |
| A.2 Name Scheme | Empowerment Partner Vocational (PBMV) |
| A.3. Theme Field Focus | <input type="checkbox"/> Thematic special (If choose This, carry on to choice in part A.4.) <input type="checkbox"/> RIRN (If choose This, carry on to choice in part A.5.) |
| A.4. Focus Plane Thematic Special | <input type="checkbox"/> Economy Green <input type="checkbox"/> Economy Blue <input type="checkbox"/> Economy Digital <input type="checkbox"/> Development Tourist <input type="checkbox"/> Independence Health |
| A.5. Focus Plane RIRN | <input type="checkbox"/> Energy <input type="checkbox"/> Food <input type="checkbox"/> Social Humanities <input type="checkbox"/> Material Proceed <input type="checkbox"/> Maritime Affairs <input type="checkbox"/> Disaster <input type="checkbox"/> Health <input type="checkbox"/> Transportation <input type="checkbox"/> Technology Information and SecurityCommunication <input type="checkbox"/> Resilience And |
| A.6. Room scope | <p>Vocational Partner Empowerment (PBMV) : aimed specifically at teams proposer Which originate from College Tall Organizer Vocational Education (PTTPV) which already has output / products research applied Which will downstream through scheme PBMV.</p> <input type="checkbox"/> Activity monoyear (1 year) Which addressed For downstream results /applied research product of the proposer. This scheme applies the results the proposer's applied research in accordance with the urgency of the need with give solution problem partner based results research applied proposer |
| A.7. Fund Ministry of Education and Culture proposal | IDR XX |
| A.8. Fund partners/parties other | IDR XX |
| A.9. Fund partners/parties other <i>in-kind</i> | IDR XX |
| A.10. Amount lecturer Which involved | XX person |
| A.11. Amount student Which involved | XX person |

| B. Introduction |
|--|
| <p>Introduction of no more than 2,000 words containing an analysis of the situation of the Vocational Partner (village/kelurahan/village custom/ industry/ MSMEs) Good from facet potency And problem, including variety problem Which faced by the Vocational Partner. Priority problems for vocational partners are described in the form of problems downstream/applied research products, such as: Education, Health, Technology, Production (Agriculture, Farm, Fishery), Economy, Art, Socio-cultural, Tourist, Environment, And problem partner other. Map it minimum two problem partner vocational Which will done with variety problem in inside. Describe the PBMV objectives and output of activities during research activities; explained in detail short.</p> <p>The touch from universities in the form of downstreaming multidisciplinary research results will provide acceleration quality And quantity progress Partner Vocational in all field without leave mark superior or characteristic typical Which has owned Partner Vocational the And linked RPJM/Non RPJM. With thereby,</p> |

will awakened Partner Vocational built PT which was formed And funded together with Government Area/ Municipal Government, CSR, And disabled person fund other. Describe Also field proposal with fieldfocus devotion from government And relationship with achievement IKU College Tall.

C. Problem And Solution

C.1. Problem Priority (linked with A4 or A5)

Problem priority consists from 500 say. Describe bullet points problem priority Partner Vocational in accordance agreement with partner Which consists on minimum two field problem (Education, Health, Technology, Production (Agriculture, Livestock, Fisheries), Economy, Arts, Socio-Culture, Tourism, Environment and other Vocational Partner problems) and equipped with sub-problems each Which will given solution during activity.

C.2. Solution

The maximum problem solution consists of 1,500 words containing a description of all the solutions offeredFor finish problem Which faced. Description complete part solution problemload things following.

- a. Write down all the solutions offered to solve the problems faced by the Village/ Subdistricts/Traditional Villages/Industries/MSMEs systematically according to problem priorities. Solution must be properly related to priority issues Partner Vocational the.
- b. Write down the achievement indicators that will result from each solution in terms of aspects production, marketing nor management business or in accordance with solution Specific on problem Which faced by region the.
- c. Every solution has separate achievement indicators and as far as possible measurable or achievable quantified.
- d. State the research results of the proposing team or other researchers that will be applied to provide solution on problem partner.

D. Method

The maximum implementation method consists of 2,000 words explaining the stages or steps in implementing the solutions offered to overcome the problems of regional partners. Description complete part method implementation For overcome problem in accordance stages following.

1. The method of implementing activities is related to stages in at least 2 (two) problem areas Different Vocational Partners handled in each Village/ Ward/ Traditional Village/ Industry/ MSMEs with minimum two community groups, like:
 - a. Education And Health, or
 - b. Problem field Agriculture And Education, or
 - c. Problem in Tourist And Environment, or
 - d. Problem in field Economy And production, or
 - e. Problem on Industry, or
 - f. Problem on MSMEs, And etc.
2. For Partner Vocational Which will developed, state stages or steps Which taken To use carry out solution on problem Specific Which faced by partner.
3. Describe How participation partner in implementation program.
4. Describe How evaluation implementation program And continuity program in fieldafter activity Partner Vocational finished held.
5. For design activity in period 1 (One) year.
6. Describe role And task from each member team in accordance with competence And assignment student MBKM.
7. Describe potency recognition SKS Which obtained student .

E. Timetable Implementation And Summary Budget

| TIMETABLE IMPLEMENTATION | | | | | | | | | |
|--------------------------|---------------|-------|---|---|---|---|---|---|---|
| No | Nama Kegiatan | Bulan | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |

| SUMMARY WED | | | | |
|-------------|-------------------------------------|-------------|-----------------------|--------------------|
| No | Jenis Pembelanjaan | Jumlah Dana | | |
| | | Dana Dikti | Dana Perguruan Tinggi | Mitra Pemberi Dana |
| 1 | Honor (maksimal 15%) | | | |
| 2 | Teknologi dan Inovasi (minimal 40%) | | | |
| 3 | Biaya Pelatihan (25%) | | | |
| 4 | Perjalanan (maksimal 15%) | | | |
| 5 | Lain-lain (maksimal 5%) | | | |
| | Total | | | |

F. Outcomes and Achievement Targets

| No. | Outer | Target Achievements | Indicator Performance Main (IKU) Related | Target Achievements IKU |
|-----|-------|---------------------|--|-------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

G. Team Executor

| No. | Name | Institution | Position in Team | Description Task |
|-----|------|-------------|------------------|------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| ... | | | | |

H. List References

The bibliography is arranged and written based on a number system (*Vancouver style*) in sequence quotation. Only References Which cited on proposal devotion to public Which be included in Bibliography.

I. Description Science and Technology

Description science and technology containing description maximum 500 say explain description science and technology Which will implemented in partner target. Made in form schematic, be equipped with Images/PhotosAnd narrative.

J. Map Location Partner Target

Map location partner target containing picture map location partner Which be equipped with explanation distance

partner target with PT proposer. Picture map Which can inserted can form JPG/PNG.

K. Attachment

1. Biodata Proposer (Attachment 1) Format [Attachment 16. Format Biodata Chairman/MembersTeam Executor](#) .
2. Description technology Which applied to partner (Attachment 2).
3. Map Which describe distance location activity from college tall proposer (Attachment 3).
4. Letter statement willingness Work The same partner Which signed by partner And stamped Rp. 10,000 (Attachment 4) Format [Attachment 17. Format Statement letter Willingness to Work Same](#) .
5. Letter Statement Originality Proposal Which signed by chairman executor And stampedRp. 10,000 (Attachment 5) Format [Attachment 18. Formats Statement letter Originality Proposal](#) .
6. Details Plan Budget Cost (Attachment 6) [Format Attachment 19. Format Plan BudgetCost \(WED\)](#) .

Attachment 37. Format Biodata Chairman/Members Team Executor

A. Identity Self

| | | |
|----|---------------------------------|---|
| 1 | Name Complete (with title) | |
| 2 | Type Sex | L/P |
| 3 | Position Functional | |
| 4 | NIP/NIK/Identity other | |
| 5 | NIDN | |
| 6 | Place And Date Born | |
| 7 | E-mail | |
| 8 | Number Telephone/cellphone | |
| 9 | Address Office | |
| 10 | Number Telephone/Fax | |
| 11 | Graduate of Which Has Generated | S- 1 = ... person; S - 2 = ... person; S - 3 = ... person |
| 12 | Eye Studying Which Captured | 1 |
| | | 2 |
| | | 3 |
| | | Etc |

B. History Education

| | S-1 | S-2 | S-3 |
|----------------------------------|-----|-----|-----|
| Name College Tall | | | |
| Field Knowledge | | | |
| Year Enter-Pass | | | |
| Title Thesis/Thesis/Dissertation | | | |
| Name Mentor/Promoter | | | |

C. Experience Study In 5 Year Final
 (No Thesis, Thesis, nor Dissertation)

| No. | Year | Title Study | Funding | |
|------|------|-------------|---------|------------------|
| | | | Source* | Qty (Million Rp) |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

* Write it down source funding Good from scheme study DIKTI/DICTION nor from source other.

D. Experience Devotion To Public in 5 Year Final

| No. | Year | Title Devotion To Public | Funding | |
|------|------|--------------------------|---------|------------------|
| | | | Source* | Qty (Million Rp) |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

* Write it down source funding Good from scheme devotion to public DIKTI/DICTION nor from source other.

E. Publication Article Scientific on Journal in 5 Year Final

| No. | Title Article Scientific | Name Journal | Volume/ Number/Year |
|------|--------------------------|--------------|---------------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Etc. | | | |

F. Presenter Seminar Scientific (Oral presentation) in 5 Year Final

| No | Name Meeting Scientific / Seminar | Title Article Scientific | Time And Place |
|-----|-----------------------------------|--------------------------|----------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Etc | | | |

G. Work Book in 5 Year Final

| No | Title Book | Year | Amount Page | Publisher |
|------|------------|------|-------------|-----------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

H. Acquisition IPR in 5–10 Year Final

| No. | Title/Theme IPR | Year | Type | Number P/ID |
|------|-----------------|------|------|-------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

I. experience Formulate Policy Public/Engineering Social Other in 5 YearFinal

| No. | Title/Theme/Type Manipulation Social OtherWhich Has Applied | Year | Place Application | Response Public |
|------|---|------|-------------------|-----------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| Etc. | | | | |

J. Award in 10 Year Final (from government, association or institutionother)

| No. | Type Award | Institution Giver Award | Year |
|------|------------|-------------------------|------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Etc. | | | |

All data that I have filled in and listed in this biodata is correct and valid accountable in a way law. If in Then day it turns out found non- appropriate with reality, I capable accept penalty.

Thereby biodata This I for with Actually For fulfil Wrong One condition in submission Grant
 _

City, date month Year

Proposer,

Signed

(Name Complete)

Attachment 38. Format Letter Statement Willingness Work Same

KOP LETTER

LETTER STATEMENT WILLINGNESS WORK SAME

Letter Number:

Which marked hand in lower This,

Name :
Institution :
Position :
Address :
Number HP :

With This state that ...Name Partner.willing Work The same with:

Title Devotion :
Chairman's Name :
NIDN/NIDK :
Institution :
Position :
Address :
Number HP :
Source funds :

Thereby letter statement willingness Work The same This made For can usedas it should.

City, date, month, year
Which make statement

Seal Rp. 10,000

Signed

.....
NIP/NIDN/NIDK
.....

Attachment 39. Format Letter Statement Originality Proposal

<COP COLLEGE HIGH>

LETTER STATEMENT CHAIRMAN PROPOSER

Which marked hand in lower This:

Name :
NIDN :
Rank / Group :
Position Functional :

With This state that proposal I with title:

.....
.....
.....

..... Which proposed

in scheme (write Name scheme) For year budget **in nature original**

And Not yet Once financed by institutions/sources fund other .

When in Then day found nonconformity with statement This, so I willing sued And processed in accordance with provision Which applies And return all over cost Which Already accepted to cash country.

Thereby statement This made with actually And with actually.

City, date month YearWhich
state,

Chairman

Seal 10,000

Sign hand

(Full name)

NIP/NIK

Attachment 40. Format Plan Budget Cost (WED)

| 1. Honour | | | | | | |
|---|------------------------|------------|-----------------|------------------------------|-------|------|
| Honour | Honoraria/ Hours (Rp) | Time OJ/OB | Amount | Honour per Year (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Source person | | | | | | |
| Servant field | | | | | | |
| Student | | | | | | |
| | | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| 2. Tool And Material Which submitted to partner | | | | | | |
| Material | Justification Usage | Quantity | Price Unit (Rp) | Price Equipment Support (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Equipment 1 | | | | | | |
| Equipment 2 | | | | | | |
| Equipment 3 | | | | | | |
| | | | | | | |
| Material 1 | | | | | | |
| Material ...n | | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| 3. Material Training | | | | | | |
| Material | Justification Usage | Quantity | Price Unit (Rp) | Cost per Year (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Material 1 | | | | | | |
| Material 2 | | | | | | |
| Material 3 | | | | | | |
| | | | | | | |
| Material n | | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| 4. Journey And Consumption | | | | | | |
| Material | Justification activity | Quantity | Price Unit (Rp) | Cost per Year (Rp) | | |
| | | | | Th I | Th .. | Th n |
| Journey to place/city - A | | | | | | |
| Journey to place/city - n | | | | | | |
| Consumption 1 | | | | | | |
| Consumption .. n | | | | | | |
| Money daily 1 | | | | | | |

| Money daily.. n | | | | | | |
|--|-------------------------------------|----------|-----------------|--------------------|--------------|-------------|
| SUB TOTAL (Rp) | | | | | | |
| 5. Etc | | | | | | |
| Activity | Justification | Quantity | Price Unit (Rp) | Cost per Year (Rp) | | |
| | | | | Th I | Th... | Th n |
| Administration, Fulfillment outer academic (publications, seminar, IPR, Video, mass media news, reports, others specify) | Survey/ <i>sampling</i> /etc. | | | | | |
| SUB TOTAL (Rp) | | | | | | |
| TOTAL BUDGET WHICH REQUIRED EVERY YEAR (Rp) | | | | Th I | Th... | Th n |
| | | | | | | |
| TOTAL BUDGET WHICH REQUIRED WHOLE YEAR (Rp) | | | | | | |

Attachment 41. Criteria Stages Outer Devotion to Public And Validity Evaluation Outer

Outer all Scheme Devotion to Public consists on eight category as shown on Table A. Details criteria stages outer And validity evaluation each category outer explained on Table BI.

Table A. Outer scheme devotion to public

| No | Kategori Luaran | Pemberdayaan Berbasis Masyarakat | | | Pemberdayaan Berbasis Kewirausahaan | | | Pemberdayaan Berbasis Wilayah | | PBMV |
|----|--|----------------------------------|-----|-----|-------------------------------------|---------|-----|-------------------------------|-----|------|
| | | PMP | PMK | PMM | KBM | PM-UPUD | PUK | PW | PDB | |
| 1. | Publication in national journal with ISSN | - | ✓ | ✓ | - | - | - | - | - | ✓ |
| 2. | Publication in journal national accredited ranking 1-6 | - | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3. | Publication in proceedings seminar national Has ISBN | ✓ | ✓ | ✓ | - | - | - | - | - | ✓ |
| 4. | Publication in seminar proceedings international in in country has an ISBN | - | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5. | Publication in mass media print/electronic | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6. | Videos | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7. | Produce businessman new | - | - | - | ✓ | - | - | - | - | ✓ |
| 8. | Enhancement empowerment partner | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ |

Table B. Outer form One article scientific Which published through journal national ISSN

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|--|--|--|--|---------------------|--|--|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> • Publication in journal national Ber-ISSN | <ul style="list-style-type: none"> • Article in Journal National ISSN | <ul style="list-style-type: none"> • <i>Accepted</i> | <ul style="list-style-type: none"> • Letter information <i>accepted</i> from <i>chief editor</i> or | There is/ available | <ul style="list-style-type: none"> • The article has status <i>accepted</i> | <ul style="list-style-type: none"> • Name journal • Publish journal • Title article • Name Writer • Article URL (If There is) • DOI (If There is) • Institution indexer (If There is) | <ul style="list-style-type: none"> • Letter information <i>accepted</i> from <i>chief editor</i> • <i>Galleys</i> (manuscript final of publisher or <i>preprinted article</i>) | <ul style="list-style-type: none"> • Letter information <i>accepted</i> from <i>chief editor</i> No There is • Article or <i>galley</i> (final manuscript from publisher or <i>preprinted article</i>) no There is • Year <i>accepted</i> before period activity devotion • Article substance No in accordance with topic activity devotion |
| | | <ul style="list-style-type: none"> • <i>Published</i> | <ul style="list-style-type: none"> • Article from publisher | There is/ available | | | | |

Table C. Outer form One article scientific Which published through journal national accredited SYNTA 1-6

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|--|--|------------------|------------------------|---------------------|---|---|------------------------|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| Publication in journal national accredited SYNTA 1-6 | Articles in journals national accredited SYNTA 1-6 | <i>Published</i> | Article from publisher | There is/ available | The article has status <i>published</i> | <ul style="list-style-type: none"> • Name journal • Publisher journal • Title article • Name Writer • Article URL (If There is) • DOI (if There is) • Institution • indexer (If There is) | Article from publisher | <ul style="list-style-type: none"> • Article from publisher No There is • Year <i>published</i> before period activity devotion • Substance article No according to the topic activity devotion |

Table D. Outer form One article scientific Which published in proceedings seminar national has an ISBN

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|---------------------|--|--|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Publication in proceedings seminar national has an ISBN | <ul style="list-style-type: none"> Article in proceedings seminar national has an ISBN | <ul style="list-style-type: none"> <i>Published</i> | <ul style="list-style-type: none"> <i>Covers</i>, list contents, and article Which printed in proceedings | There is/ available | <ul style="list-style-type: none"> Proceedings seminar ber-ISBN | <ul style="list-style-type: none"> Name seminar Execution time seminar Title Article Name Writer Publisher URLs proceedings (IfThere is) Institution Indexer (IfThere is) | <ul style="list-style-type: none"> <i>Covers</i>, list contents, and article in proceedings | <ul style="list-style-type: none"> <i>Cover</i>, table of contents, And article) No There is Proceedings No ber-ISBN Year of implementation seminar before activity period devotion Article substanceit is not in accordance with with the topic activity devotion |

Table E. Outer form One article scientific Which published in proceedings seminar international has an ISBN in in country

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------|--------|-------------|---------------------|-----------------------------|-------------------|-----------------|----------|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |

| | | | | | | | | |
|---|---|--|--|---|---|---|--|---|
| <ul style="list-style-type: none"> • Publication in proceedings seminar international has an ISBN in country | <ul style="list-style-type: none"> • Article in proceedings seminar international has an ISBN in country | <ul style="list-style-type: none"> • <i>Published</i> | <ul style="list-style-type: none"> • <i>Covers</i>, list contents, and article Which printed in proceedings | <ul style="list-style-type: none"> • There is/ available | <ul style="list-style-type: none"> • Proceedings seminar international has an ISBN | <ul style="list-style-type: none"> • Name seminar • Execution time seminar • Title Article • Name Writer • Publisher • URLs proceedings (If There is) | <ul style="list-style-type: none"> • <i>Covers</i>, list contents, and article in proceedings | <ul style="list-style-type: none"> • <i>Cover</i>, table of contents, And article) No There is • Proceedings No • Year of • implementation seminar before period activity |
|---|---|--|--|---|---|---|--|---|

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------|--------|-------------|---------------------|-----------------------------|---|-----------------|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | | | | <ul style="list-style-type: none"> Institution Indexer (If There is) | | <ul style="list-style-type: none"> devotion Substance article no in accordance with the activity topic devotion |

Table F. Outer form One article Which published in media mass

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|---------------------|--|--|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> Publication in the media mass | <ul style="list-style-type: none"> Article in media print | <ul style="list-style-type: none"> <i>Published</i> | <ul style="list-style-type: none"> Article Which rise | There is/ available | <ul style="list-style-type: none"> Article has rise | <ul style="list-style-type: none"> Name media print Publisher publisher Title article Name Writer Article URL (If There is) | <ul style="list-style-type: none"> The article has rise | <ul style="list-style-type: none"> Article Which has rise No There is Year rise before activity period devotion Article substance No in accordance withtopic activity devotion |
| | <ul style="list-style-type: none"> Article in media electronic | <ul style="list-style-type: none"> <i>Online / can accessed</i> | <ul style="list-style-type: none"> Article Which show | There is/ available | <ul style="list-style-type: none"> Article has status <i>online</i> | <ul style="list-style-type: none"> Name media Title article Name Writer URLs Media URLs article | <ul style="list-style-type: none"> The article has show | <ul style="list-style-type: none"> Article Which has show No There is Article substance No in accordance withtopic activity |

| | | | | | | | | |
|--|--|--|--|--|--|--|--|----------|
| | | | | | | | | devotion |
|--|--|--|--|--|--|--|--|----------|

Table G. Outer form videos activity

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------------------------|--------------------------------|------------------------|---------------------|-----------------------------------|--|------------------------|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Videos activity | • Videos in media electronic | • <i>Online / can accessed</i> | • Video URL Which show | There is/ available | • Videos has status <i>online</i> | • Name media • Video title activity • Name Writer • URLs Media • URLs videos | • Video URL Which show | • Missing video URL or not Can accessed • Video substance No in accordance with topic activity devotion |

Table H. Outer form activity Which produce businessman new

| External transactions on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|--------------------------------|--------------------|-----------------------------|---------------------|-----------------------------|--|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Business man new | • Produce five businessman new | • Has accomplished | • Profile businessman new 1 | Yes/available | • Business has walk | Each profile new entrepreneur (1-5) • Name Business man • Address • Business fields • Name Business product (If There is) • Brand product (if There is) | • Document each profile businessman new | • Profile document every entrepreneur new No There is • Entrepreneur profile new no fulfil condition |
| | | | • Profile businessman new 2 | Yes/available | | | | |
| | | | • Profile businessman new 3 | Yes/available | | | | |
| | | | • Profile businessman new 4 | Yes/available | | | | |

| | | | | | | | |
|--|--|--|---------------|--|--|--|--|
| | | <ul style="list-style-type: none">• Profile business man new 5 | Yes/available | | <ul style="list-style-type: none">• Turnover (If There is) | | |
|--|--|--|---------------|--|--|--|--|

Table I. Outer form enhancement empowerment partner in accordance problem Which faced

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-----------------------------------|------------------------------|------------|---|---------------------|---------------------------------|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| • Enhancement empowerment partner | • Knowledge partner increase | • Achieved | • Description of results test/score knowledge before and after activity | • Yes/available | • Knowledge n partners increase | <ul style="list-style-type: none"> • Name group • group leader partner • Number of members partner • Field of activity partner • Address partner | • Description of results test/score knowledge before and after activity | <ul style="list-style-type: none"> • Description of results test/score knowledge before and after activity does not There is • Document evaluation No in accordance with substance activity |
| | • Skills partner increase | • Achieved | • Description of results test/score Skills before and after activity | • Yes/available | • Skills n partners increase | <ul style="list-style-type: none"> • Name group • group leader partner • Number of members partner • Field of activity partner • Address partner | • Description of results test/score Skills before and after activity | <ul style="list-style-type: none"> • Description of results test/score Skills before and after activity does not There is • Document evaluation No in accordance with substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|--|--|---|---|--|--|---|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| <ul style="list-style-type: none"> • Enhancement partner empowerment | <ul style="list-style-type: none"> • Health partner increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description enhancement health before and after activity | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Health partner increase | <ul style="list-style-type: none"> • Name group • Chairman group partner • Amount member partner • Field activity partner • Address partner | <ul style="list-style-type: none"> • Description enhancement health before and after activity | <ul style="list-style-type: none"> • Description enhancement health before and after activity No There is • Document evaluation No in accordance with substance activity |
| | <ul style="list-style-type: none"> • Income partner increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description enhancement income before and after activity | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Income partner increase | <ul style="list-style-type: none"> • Name group • Chairman group partner • Amount member partner • Field activity partner • Address partner | <ul style="list-style-type: none"> • Description enhancement income before and after activity | |
| <ul style="list-style-type: none"> • Enhancement partner empowerment | <ul style="list-style-type: none"> • Service partner increase | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Description enhancement quantity And quality Service before And | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Service partner increase | <ul style="list-style-type: none"> • Name group • group leader partner • Amount member partner | <ul style="list-style-type: none"> • Description enhancement quantity And quality Service before And | <ul style="list-style-type: none"> • Description enhancement quantity And quality Service before And |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|---|--|--|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | afteractivity | | | <ul style="list-style-type: none"> Field activity partner Address partner | afteractivity | after activity No There is <ul style="list-style-type: none"> Document evaluation does not in accordance with substance activity |
| | <ul style="list-style-type: none"> Quality partner products increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement quality product before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Quality product partner increase | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field activity partner Address partner | <ul style="list-style-type: none"> Description enhancement quality product before and after activity | <ul style="list-style-type: none"> Description enhancement quality product before and after activity does not There is Document evaluation does not in accordance with substance activity |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Number of products partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement number of products before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Amount product partner increase | <ul style="list-style-type: none"> Name group group leader partner Amount member partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement Amount product before and after activity | <ul style="list-style-type: none"> Description enhancement amount product before and after activity No There is Document |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|--|--|---|---|--|---|---|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | | | | | | evaluation No in accordance with substance activity |
| | <ul style="list-style-type: none"> Types of products partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement types of products before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Type product partner increase | <ul style="list-style-type: none"> Name group partner group leader partner Amount member partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement types of products before and after activity | <ul style="list-style-type: none"> Description enhancement types of products before and after activity No There is Document evaluation No in accordance with substance activity |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Capacity partner production increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement capacity production before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Capacity production partner increasing | <ul style="list-style-type: none"> Name group partner Chairman group partner Amount member partner Field activity partner Address partner | <ul style="list-style-type: none"> Description enhancement capacity production before and after activity | <ul style="list-style-type: none"> Description enhancement capacity production before and after activity No There is Document evaluation No in accordance with substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|--|--|---|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | <ul style="list-style-type: none"> • Success partner do export | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Document Delivery product export • Description product which exported | <ul style="list-style-type: none"> • Yes/available • Yes/available | <ul style="list-style-type: none"> • Success-a partner do export | <ul style="list-style-type: none"> • Name group • Chairman group partner • Amount member partner • Field activity partner • Address partner | <ul style="list-style-type: none"> • Document delivery product export • Description product which exported | <ul style="list-style-type: none"> • Document delivery product export no There is • Description product Which exported • Name product it is not in accordance with substance devotion |
| <ul style="list-style-type: none"> • Enhancement partner | <ul style="list-style-type: none"> • Success partner do marketing between island | <ul style="list-style-type: none"> • Achieved | <ul style="list-style-type: none"> • Document delivery product • Description product which marketed | <ul style="list-style-type: none"> • Yes/available • Yes/available | <ul style="list-style-type: none"> • Success-a partner do Inter-island increase | <ul style="list-style-type: none"> • Name group • group leader partner • Number of members partner • Field of activity partner • Address partner | <ul style="list-style-type: none"> • Document delivery product • Description product which marketed | <ul style="list-style-type: none"> • Description product which marketed No There is • Document delivery product No There is • Name product No in accordance with substance devotion |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|--|--|--|---|--|---|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | <ul style="list-style-type: none"> Total assets partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement total assets before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Amount asset mening-cat | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement total assets before and after activity | <ul style="list-style-type: none"> Description increase amount asset before And after activity No There is Document evaluation it is not in accordance withwith substance activity |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Amount turnover partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement total turnover before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Amount turnover increase | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement total turnover before and after activity | <ul style="list-style-type: none"> Description increase amount turnover before And after activity No There is Document evaluation No in accordance with substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|--|---|--|---|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | <ul style="list-style-type: none"> Amount power partner work increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description improvement amount of powerWork before and after the activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Amount power Work increase | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description improvement amount of powerWork before and after the activity | <ul style="list-style-type: none"> Description improvement amount of powerWork before and after the activity not There is Document evaluation No in accordance with substance activity |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Ability partner management increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description of results test/score ability management before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Ability-an management increase | <ul style="list-style-type: none"> Name group group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description of results test/score ability management before and after activity | <ul style="list-style-type: none"> Description test results /scores ability management before and after activity No There is Document evaluation No in accordance with substance activity |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|---|--|---|---|---|---|---|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | <ul style="list-style-type: none"> Revenue generating partner increase | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description enhancement Profit before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Revenue generating increase | <ul style="list-style-type: none"> Name group partner group leader partner Number of members partner Field of activity partner Address partner | <ul style="list-style-type: none"> Description enhancement Profit before and after activity | <ul style="list-style-type: none"> Description enhancement Profit before and after activity No There is Document evaluation No in accordance with substance activity |
| <ul style="list-style-type: none"> Enhancement empowerment partner | <ul style="list-style-type: none"> Income generating partner increase | <ul style="list-style-type: none"> achieved | <ul style="list-style-type: none"> Description enhancement income generating before and after activity | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Income generating increase | <ul style="list-style-type: none"> Name group partner Chairman group partner Amount member partner Field activity partner Address partner | <ul style="list-style-type: none"> Description enhancement income generating before and after activity | <ul style="list-style-type: none"> Description enhancement income generating before and after activity No There is Document evaluation does not in accordance with substance activity |
| | <ul style="list-style-type: none"> Product certified partner | <ul style="list-style-type: none"> Achieved | <ul style="list-style-type: none"> Description Product Which certified | <ul style="list-style-type: none"> Yes/available | <ul style="list-style-type: none"> Product certified | <ul style="list-style-type: none"> Name group partner Chairman group | <ul style="list-style-type: none"> Description Product Which certified | <ul style="list-style-type: none"> Description Product Which certified |

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|---|--|--|--|---|--|---|--|--|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | <ul style="list-style-type: none"> • Certificate product | <ul style="list-style-type: none"> • Yes/available | | <ul style="list-style-type: none"> partner • Amount member partner • Field activity partner • Address partner • Name product • Number certificate • Institution giver certification | <ul style="list-style-type: none"> • Certificate product | <ul style="list-style-type: none"> • No There is certificate product No There is |
| <ul style="list-style-type: none"> • Enhancement empower partner | <ul style="list-style-type: none"> • Product standardized partner | <ul style="list-style-type: none"> • achieved | <ul style="list-style-type: none"> • Description Products that standardized | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Product standardized | <ul style="list-style-type: none"> • Name group • Chairman's namegroup partner • Number of members partner • Field of activity partner • address partner • Aama product • Number document standardization • Institution giver standardization | <ul style="list-style-type: none"> • Description Products that standardized • Document Standardization | <ul style="list-style-type: none"> • Description Products that standardized No There is • Document Standardization No There is |
| | | | <ul style="list-style-type: none"> • Document Standardization product | <ul style="list-style-type: none"> • Yes/available | | | | |
| | | <ul style="list-style-type: none"> • Business unit body law | <ul style="list-style-type: none"> • achieved | <ul style="list-style-type: none"> • Unit Description that effort has body | <ul style="list-style-type: none"> • Yes/available | <ul style="list-style-type: none"> • Business registered | <ul style="list-style-type: none"> • Name group • Chairman's namegroup | <ul style="list-style-type: none"> • Description Units that effort has |

| | | | | | | | | |
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| | | | | | | | | has |
|--|--|--|--|--|--|--|--|-----|

| Transaction outer on proposal | | | | | Validation/assessment outer | | | |
|-------------------------------|------------|--------|--|---|-----------------------------|---|--|---|
| Category Outer | Type Outer | Status | Proof Outer | Target Achievements | Criteria Appropriateness | Stuffing Executor | Proof Supporter | No Valid |
| | | | law | | | partner | bodylaw | body the law does notThere is |
| | | | <ul style="list-style-type: none"> • Document decision body law | <ul style="list-style-type: none"> • Yes/available | | <ul style="list-style-type: none"> • Number of members partner • Field of activity partner • Address partner • Name units • Number decision body law • Institution giver statusbody law | <ul style="list-style-type: none"> • Document decision body law | <ul style="list-style-type: none"> • Document decision body the law does notThere is |

Attachment 42. Letter Statement Ability Implementation And Drafting Report Devotion to Public

< KOP COLLEGE TALL >

**STATEMENT OF ABILITY TO IMPLEMENT AND ORGANIZATION
REPORT DEVOTION TO PUBLIC**

I Which marked hand in lower This:

Name :
NIDN :
Institution :

In connection with Contract Devotion to Public:

Date Contract Parent* :
Number Contract Parent* :
Date Contract Derivative** :
Number Contract Derivative** :
Title :
Year Suggestion :
Year Implementation :
Period Time : ... year
Period : Year to ... from ... year*
Funds :

| Period | Fund (Rp) |
|----------|-----------|
| 1st year | |
| 2nd year | |
| 3rd year | |

I hereby declare that I am fully responsible for completing the implementation community service as well as uploading progress reports, final reports and output promises must.

If until with period solution work as arranged in Contract The aforementioned Community Service was negligent/breach of promise/default and/or occurred termination Contract Devotion to Public, I willing For return/redeposit money to the state treasury in the amount of the remaining value of the work that has not been done There is his achievements.

Thereby letter statement This made with Actually.

... ,

Seal Rp. 10,000

Signed

(Full name)

Information:

*filled in date And number Contract Parent between DAPTV with LP/LPPM College Tall Countryor LLDIKTI

**Contract Derivative:

- For College Tall Country filled date And number contract between LP/LPPM CollegeTall with Executor
- For College Tall Private filled date And number contract LLDIKTI with PTS And PTS with Executor Which separated with sign coma (,)

ATTACHMENT TABLE



PART 1 RESEARCH GUIDE AND DEVOTION TO PUBLIC DIRECTORATE RESEARCH, TECHNOLOGY, AND EDUCATION TALL

| Table 1. Scheme Study Funding BOPTN with Reference PMK | | Waktu (tahun) |
|--|--|---------------|
| Skema Pendanaan | Acuan SBK Riset | |
| 1. Scheme Study Base | | |
| a. Study Fundamentals | <ul style="list-style-type: none"> • SBK Research Basics | 2-3 |
| b. Study Work same | <ul style="list-style-type: none"> • SBK Research Basics | 1-3 |
| c. Study Postgraduate | <ul style="list-style-type: none"> • SBK Research Base with magnitude cost maximum Rp. 30,000,000. (For student master) • SBK Research Base with magnitude cost maximum IDR 60,000,000. (For student doctor) | 1-2 |
| d. Study Lecturer Beginner | <ul style="list-style-type: none"> • SBK Research Coaching/Capacity (20 million) | 1 |
| e. Study Program Policy Strategic | <ul style="list-style-type: none"> • SBK Study Actual Strategic | 1 |
| 2. Scheme Study Applied | <ul style="list-style-type: none"> • SBK Research Applied | 2-3 |
| 3. Research Scheme Development | <ul style="list-style-type: none"> • SBK Research Development | 2-3 |

Table 4. Summary Scheme Funding, Team Researcher, And Time Implementation Study

| Scheme Funding | Condition Team Researcher | Time (year) |
|--------------------------------|--|-------------|
| 1. Scheme Study Base | | |
| a. Study Fundamentals | | |
| Consortium | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Lector, And own SYNTA <i>Score Overall</i> minimum 150 for science and technology fields50 For field soshum And art. Member consortium consists from 3-5 different colleges from the minimum 2 cluster Which different. Each college submit 1 proposal with theme umbrella certain Which The same, with approach multidisciplinary or monodisciplinary. For Can funded, all over proposal must get away selection. | 2-3 |
| Regular | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Lector, And own SYNTA <i>Score Overall</i> minimum 150 for science and technology fields50 For field soshum And art. Member proposer minimum 1 person lecturer have NIDN/NIDK. | 2-3 |
| b. Study Work Same | | |
| Internal Collaboration Country | <ul style="list-style-type: none"> Chairman proposer must own minimum functional position of Lector, and has SINTA <i>Score Overall</i> minimum 150 For field scitech And 50 For field soshum and art. The minimum number of proposing members is 2 lecturers, at least 1 person originate from cluster college tall Which different. Member proposer involve minimum 1 person research guidance students Which registered on the Education Database Tall (PDDIKTI). | 2-3 |
| Work The same Outside Country | Condition chairman proposer determined in guidelines/instructions technical separated. | 1-3 |
| c. Study Postgraduate | | |
| Member Student Masters | <ul style="list-style-type: none"> Chairman proposer educated Doctor with a minimum functional position of Lector, And own SYNTA <i>Score Overall</i> minimum 150 For field scitech And 50 For field soshum And art Which currently guide minimum One student | 1-2 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|---------------------------|--|-------------|
| | <p>master <i>full time</i> or have student guidance program masters, Good program <i>masters by course</i> nor <i>masters by research</i> .</p> <ul style="list-style-type: none"> Member proposer consists on lecturer assistant supervisor (if any) and one student master his guidance from college tall chairman proposer. | |
| Member Student Doctor | <ul style="list-style-type: none"> Chairman proposer educated Doctor with a minimum functional position of Lector, And own SYNTA <i>Score Overall</i> minimum 150 For field scitech And 50 For field soshum And art Which currently guide minimum One student doctor <i>full time</i> or have guidance student program doctor from in and/or outside country, Good program <i>doctor bycourse</i> nor <i>doctor by research</i>. Member proposer consists on lecturer assistant supervisor (if any) and one student doctor his guidance from college tall chairman proposer. | 1-2 |
| PMDSU | <ul style="list-style-type: none"> Special Program Masters going to Doctor Bachelor Superior (PMDSU), adapt with guidelines on Directorate Source Power. | 3 |
| d. Study LecturerBeginner | <ul style="list-style-type: none"> Chairman proposer And member own Maximum functional position of Lector (AK: 200) Which originate from college tall cluster intermediate, pratama, and assisted and have ID SYNTA. Member proposer 1-2 person. The proposer may only get the schematic PDP as much two time as chairman. | 1 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|------------------------------------|---|-------------|
| e. Program Study Policy Strategic | <ul style="list-style-type: none"> Chairman proposer educated minimum Masters And have competence in accordance with topic Which studied. Member proposer 2-5 person. DRTPM pointing And give assignment to college tall as implementing the study with consider competence And source Power Which owned. DRTPM pointing a lecturer in college tall Which appointed as chairman team. Chairman team Which appointed can form teams from other universities or institution in outside college tall. | 1 |
| 2. Scheme Study Applied | | |
| Track downstream | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Lector, And own SYNTA <i>Score Overall</i> minimum 150 for science and technology fields 50 For field soshum And art. Has a patent/ simple patent certified/ <i>granted</i> or academic manuscript Which relevant with proposal Which submitted. Member proposer minimum 1 person lecturer have NIDN/NIDK. | 2-3 |
| <i>cutting pathedges</i> | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Lector, And own SYNTA <i>Score Overall</i> minimum 1,500 for the science and technology field And 500 For field soshum And art. Member proposer minimum 1 person lecturer have NIDN/NIDK. | 2-3 |
| 3. Scheme Study Development | | |
| | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Lector, And own SYNTA <i>Score Overall</i> minimum 150 for science and technology fields 50 For field soshum And art. Own partner investors Which proven with letter statement Which containing commitment inclusion fund by partner in form <i>in cash</i> minimum as big as 50% from fund Which submitted. Member proposer 3-5 person And minimum 1 person member proposer from partner industry. | 2-3 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|----------------|--|-------------|
| | Member Which originate from partner industry proven with letter appointment by institution/industry. | |

Table 5. Summary proposal, Selection, And Implementation Study Based on Scheme Funding

| STAGES MANAGEMENT | | SCHEME STUDY | | | | | | |
|--------------------------|--|--------------------|---------------------|--------------------|-------------------------|------------------------|---------------|-------------------|
| | | STUDY BASE | | | | | STUDY APPLIED | STUDY DEVELOPMENT |
| | | Study Fundamentals | Study Work The same | Study Postgraduate | Study Lecturer Beginner | Study Policy Strategic | | |
| Proposal in a way online | Charging identity proposer | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Charging identity proposal study | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Fill in completeness proposal in accordance scheme | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Agreement leader units | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Selection | Evaluation proposal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Discussion proposal And visit field | | | | | | | ✔ |
| | Determination winner | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Implementation | Charging notes daily, <i>logbook</i> , And report progress | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Monitoring And evaluation internal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Monitoring And evaluation external | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Reporting | Report end | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Evaluation results | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Charging And evaluation proposal advanced | ✔ | ✔ | ✔ | | | ✔ | ✔ |

Table 6. Proposal Devotion to Public Based on Cluster College Tall

| Category Devotion to Public | Manager | Cluster College Tall | | | | |
|---|---------|----------------------|------|--------------|---------|-------|
| | | Independent | Main | Intermediate | Primary | Built |
| Empowerment Based Public (PBM) | | | | | | |
| 1. Empowerment Public Beginner (PMP) | DRTPM | - | - | - | ✓ | ✓ |
| 2. Empowerment Partnership Public (PKM) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |
| 3. Empowerment Public by Student (PMM) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |
| Empowerment Based Entrepreneurship (PBK) | | | | | | |
| 1. Entrepreneurship Based Student (KBM) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |
| 2. Empowerment Partner Product Business Superior Area (PM-UPUD) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |
| 3. Development Business Campus (PUK) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |
| Empowerment Based Region (PBW) | | | | | | |
| 1. Empowerment Region (PW) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |
| 2. Empowerment Village Built (GDP) | DRTPM | ✓ | ✓ | ✓ | ✓ | - |

Table 7. Summary Scheme Funding, Team Devotion to Public, And Time Implementation Devotion to Public

| Scheme Funding | Condition Team Researcher | Time (year) |
|---|--|-------------|
| a. Empowerment Based Public (PBM) | | |
| 1. Empowerment Public Beginner (PMP) | | |
| | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Assistant Expert, and have a SINTA <i>Overall Score</i> of at least 20 for the field science, soshum And art. Member proposer 2 person lecturer have NIDN/NIDK. Amount student Which involved minimum 2 person. | 1 |
| 2. Empowerment Partnership Public (PKM) | | |
| | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Assistant Expert, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. | 1 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|---|---|-------------|
| | <ul style="list-style-type: none"> Member proposer 2 person lecturer have NIDN/NIDK. Amount student Which involved minimum 2 person. | |
| 3. Empowerment Public by Student (PMM) | | |
| | <ul style="list-style-type: none"> Chairman proposer with minimum position functional Assistant Expert, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. Member proposer 2 person lecturer have NIDN/NIDK. Amount student Which involved minimum 20 person. | 1 |
| b. Empowerment Based Entrepreneurship (PBK) | | |
| 1. Entrepreneurship Based Student (KBM) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 in the field of science and technologyAnd 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 20 person. | 3 |
| 2. Empowerment Partner Business Product Superior Area (PM-UPUD) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 in the field of science and technologyAnd 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |
| 3. Development Business Campus (PUK) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 in the field of science and technologyAnd 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |
| c. Empowerment Based Region (PBW) | | |
| 1. Empowerment Region (PW) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 in the field of science and technologyAnd 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |
| 2. Empowerment Village Built (GDP) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 in the field of science and technologyAnd 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |

Table 8. Scheme Funding, Team Executor, Time, And Funding Devotionto Public

| Scheme Devotion to Public | Team Executor | Time (year) | Cost (million Rp) | | |
|---|--------------------------------|-------------|-------------------|------|-------------|
| | | | DRTPM* | PT** | Partner *** |
| d. Empowerment Based Public (PBM) | | | | | |
| 1. Community Empowerment Beginner (PMP) | Chairman with maximum 2 member | 1 | 25 | | |
| 2. Empowerment PartnershipPublic (PKM) | Chairman with maximum 2 member | 1 | 50 | | |
| 3. Community Empowerment by Student (PMM) | Chairman with maximum 2 member | 1 | 75 | | |
| e. Empowerment Based Entrepreneurship (PBK) | | | | | |
| 1. Based Entrepreneurship Student (KBM) | Chairman with maximum 3 member | 3 | 150 | 20 | |
| 2. Empowerment Partner Business Product Superior Area (PM-UPUD) | Chairman with maximum 3 member | 3 | 150 | | 10 |
| 3. Development Business Campus (PUK) | Chairman with maximum 3 member | 3 | 200 | 30 | |
| f. Empowerment Based Region (PBW) | | | | | |
| 1. Empowerment Region (PW) | Chairman with maximum 3 member | 3 | 200 | | 100 |
| 2. Village EmpowermentBuilt (GDP) | Chairman with maximum 3 member | 3 | 150 | 10 | |

Information:

* Fees Which proposed to DRTPM minimum 60% from fund maximum Which set every scheme

** Contributions college tall in form *in cash* or *in kind*

*** Contribution from partner target Rp 10 million And partner disabled person fund (eg CSR/Local Government/ NGO)Rp 100 million.

Table 9. Summary proposal, Selection And Implementation Devotion to Public Based on Scheme Funding

| Stages Funding in every Program Devotionto Public | | Empowerment Based Public | | | Empowerment Based Entrepreneurship | | | Empowerment Based Region | |
|---|--|--------------------------|-----|-----|------------------------------------|---------|-----|--------------------------|-----|
| | | PMP | PKM | PMM | KBM | PM-UPUD | PUK | PW | GDP |
| Proposal in a way online | Charging identity proposer | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Charging identity proposal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Fill in completeness proposal in accordance scheme | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Agreement leader units | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Selection | Evaluation proposal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Discussion proposal And visit field | - | - | - | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Determination winner | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Implementation | Charging notes daily, <i>logbook</i> And Report progress | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | <i>Monitoring</i> And evaluation Internal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | <i>Monitoring</i> And evaluation External | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Reporting | Report end | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Evaluation results | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Charging And evaluation proposal advanced | - | - | - | ✔ | ✔ | ✔ | ✔ | ✔ |

Information:

PMP = Beginner Community Empowerment; PKM = Community Partnership Empowerment; PMM = Community Empowerment by Students; KBM = Student Based Entrepreneurship; PM-UPUD = Empowerment of Regional Featured Product Business Partners; PUK = Campus Business Development; PW = Empowerment Region; GDP = Empowerment Village Built.

*) Evaluation proposal, discussion proposal, And visit field held by college tall proposer



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Table 10. Scheme Study Funding BOPTN with Reference PMK

| Scheme Funding | Reference SBK Research | Time (year) |
|------------------------------------|--|-------------|
| 1. Scheme Study Base | | |
| a. Study Work The same | <ul style="list-style-type: none"> • SBK Research Base | 1-3 |
| b. Study Postgraduate | <ul style="list-style-type: none"> • SBK Basic Research with the amount cost maximum Rp. 30,000,000 (For student master) • SBK Research Base with magnitude cost maximum Rp. 60,000,000 (For student doctor) | 1-2 |
| c. Study Beginner Lecturer | <ul style="list-style-type: none"> • SBK Research Coaching/Capacity (20 million) | 1 |
| d. Program Study Policy Strategic | <ul style="list-style-type: none"> • SBK Study Actual Strategic | 1 |
| 2. Scheme Study Applied | <ul style="list-style-type: none"> • SBK Research Applied | 2-3 |
| 3. Scheme Study Development | <ul style="list-style-type: none"> • SBK Research Development | 2-3 |

Table 13. Summary Scheme Funding, Team Researcher, And Time Implementation Study

| Scheme Funding | Condition Team Researcher | Time (year) |
|-----------------------------------|--|-------------|
| 1. Scheme Study Base | | |
| a. Study Work Same | | |
| Cooperation In Country | <ul style="list-style-type: none"> Chairman proposer must own minimum position functional Lector, and has a SINTA <i>Overall Score</i> minimum 150 For field scitech And 50 For field soshum And art. Member proposer minimum 2 person lecturer, at least 1 person comes from the college cluster tall Which different. Member proposer involve minimum 1 person student guidance study Which registered on Base Data Education Tall (PDDIKTI). | 2-3 |
| Work Same Outside Country | Requirements for the chairman of the proposer are specified in guidelines/instructions technical separated. | 1-3 |
| b. Study Postgraduate | | |
| Member Student Masters | <ul style="list-style-type: none"> Chairman proposer educated Doctor with minimum position functional Lector, And own SYNTA Minimum <i>Overall Score</i> 150 For field science and technology and 50 for the social and arts fields currently guide minimum One student master <i>full time</i> or have guidance master's program students, both <i>master's programs by course</i> nor <i>masters by research</i> . Member proposer consists on lecturer mentor assistant (if any) and one master's student his guidance from college tall chairman proposer. | 1-2 |
| Member Student Doctor | <ul style="list-style-type: none"> Chairman proposer educated Doctor with minimum position functional Lector, And own SYNTA Minimum <i>Overall Score</i> 150 For field science and technology and 50 for the social and arts fields currently guide minimum One student doctor <i>full time</i> or have guidance student program doctor from in and/or outside country, Good program <i>doctor by course</i> or <i>doctor by research</i>. Proposing members consist of supervisors servant (If There is) And One student doctor his guidance from college tall chairman proposer. | 1-2 |
| PMDSU | <ul style="list-style-type: none"> Special Program Masters going to Doctor Bachelor Superior (PMDSU), adapt with guidelineson Directorate Source Power. | 3 |
| c. Study Lecturer Beginner | | |
| | <ul style="list-style-type: none"> Chairman proposer And member own position The maximum functional Lektor (AK: 200) is derived from intermediate, pratama, and cluster tertiary institutions built as well as own ID SYNTA. Member proposer 1-2 person. | 1 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|-----------------------------------|--|-------------|
| | <ul style="list-style-type: none"> Proposer only can get scheme PDPAs much two time as chairman. | |
| d. Program Study Policy Strategic | <ul style="list-style-type: none"> Chairman proposer educated minimum Masters and have competence according to the topic Which studied. Member proposer 2-5 person. DAPTV pointing And give assignment to universities as implementers of studies with consider competence And source Power Which owned. DAPTV pointing a lecturer in college tall Which appointed as chairman team. The appointed team leader can form a team originate from college tall other or institution in outsidecollege tall. | 1 |
| 2. Scheme Study Applied | | |
| Track downstream | <ul style="list-style-type: none"> Chairman proposer with minimum position functionalLector, And own SYNTA <i>Score Overall</i> minimum 150 For field scitech And 50 For fieldsoshum And art. Has a patent/ simple patent certified/ <i>granted</i> or script academic Which relevant with proposal Which submitted. Member proposer minimum 1 person lecturer ber-NIDN/NIDK. | 2-3 |
| Track expertise/ cutting edges | <ul style="list-style-type: none"> Chairman proposer with minimum position functionalLector, And own SYNTA <i>Score Overall</i> minimum 1,500 For field scitech And 500 For fieldsoshum And art. Member proposer minimum 1 person lecturer ber-NIDN/NIDK. | 2-3 |
| Product research vocational | <ul style="list-style-type: none"> The head of the proposer has a doctoral degree with a position functional minimum Assistant Expert, or educated S-2 with a minimum functional position of Lector; And have a SINTA <i>Overall Score</i> of at least 100 for science and technology fields and 50 for social and human affairs fields art. Chairman proposer own record footsteps publication at least one article in an international journal and/or journal national accredited minimum ranking 2 as the first author or <i>corresponding author</i> proven with include URLs article intended; or three research books with ISBN as writer First Which published by publisher member IKAPI/ equivalent or publisher international; or minimum own One KI (patent/ | 2 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|-----------------------------|--|-------------|
| | <p>patent simple minimum registered And other certified).</p> <ul style="list-style-type: none"> • KI Which intended points b is KI Which protect the substance of the research results is not included right create book No results study, article, report, thesis, thesis, dissertation, guide, And document the like. • Own partner Which proven with letter statement (support) containing willingness as user results study. There is support funding by partner become mark plus from proposal. • The partner institutions referred to in point d are potential user partners who are relevant to the product study. • Member proposer 2-3 person And minimum 1 person Vocational lecturers with NIDN/NIDK and 1 person originate from partner user Which proven with letter appointment from partner user. • Describe technology Which developed together partner Which containing: specification product And projection market. • Study nature applied with produce product on level readiness technology 4.5 And 6. On year First study can started from TKT 3 (basic research) but ends at TKT 4, 5 or 6. • Research funding for each year follow the terms of funding based field focus refers SBK Study Product Vocational. | |
| 3. Scheme Study Development | | |
| | <ul style="list-style-type: none"> • Chairman proposer with minimum position functional Lector, And own SYNTA <i>Score Overall</i> minimum 150 For field scitech And 50 For fieldsoshum And art. • Own partner investors Which proven with letter statement Which containing commitment inclusion fund by partner in form <i>in cash</i> minimum as big as 50% from fund Which submitted. • Proposing members are 3-5 people and a minimum of 1 person proposing members from industry partners. Members who originate from partner industry proven with letter appointment by institution/industry. | 2-3 |

Table 14. Summary proposal, Selection, And Implementation Study Based on Scheme Funding

| STAGES MANAGEMENT | | SCHEME STUDY | | | | | |
|--------------------------|--|---------------------|--------------------|-------------------------|------------------------|---------------|-------------------|
| | | STUDY BASE | | | | STUDY APPLIED | STUDY DEVELOPMENT |
| | | Study Work The same | Study Postgraduate | Study Lecturer Beginner | Study Policy Strategic | | |
| Proposal in a way online | Charging identity proposer | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Charging identity proposal study | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Fill in completeness proposal in accordance scheme | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Agreement leader units | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Selection | Evaluation proposal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Discussion proposal And visit field | | | | | | ✔ |
| | Determination winner | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Implementation | Charging notes daily, <i>logbook</i> And report progress | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | <i>Monitoring</i> And evaluation internal | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | <i>Monitoring</i> And evaluation external | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Reporting | Report end | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Evaluation results | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Charging And evaluation proposal advanced | ✔ | ✔ | | | ✔ | ✔ |

Table 15. Proposal Devotion to Public Based on Cluster College Tall

| Category Devotion to Public | Manager | Cluster College Tall | | | | |
|---|---------|----------------------|------|--------------|---------|-------|
| | | Independent | Main | Intermediate | Primary | Built |
| Empowerment Based Public (PBM) | | | | | | |
| 1. Empowerment Public Beginner (PMP) | DAPTV | - | - | - | ✓ | ✓ |
| 2. Empowerment Community Partnerships (PMK) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| 3. Empowerment Public by Student (PMM) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| Empowerment Based Entrepreneurship (PBK) | | | | | | |
| 1. Based Entrepreneurship Student (KBM) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| 2. Empowerment Partner Business Product Superior Area (PM-UPUD) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| 3. Development Business Campus (PUK) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| Empowerment Based Region (PBW) | | | | | | |
| 1. Empowerment Region (PW) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| 2. Village Empowerment Built (GDP) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |
| Empowerment Partner Vocational (PBMV) | DAPTV | ✓ | ✓ | ✓ | ✓ | - |

Table 16. Summary Scheme Funding, Team Devotion to Public, And Time Implementation Devotion to Public

| Scheme Funding | Condition Team Researcher | Time (year) |
|---------------------------------------|---|-------------|
| Empowerment Based Public (PBM) | | |
| 1. Empowerment Public Beginner (PMP) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Assistant Expert, and have a SINTA <i>Overall Score</i> of at least 20 for field science, soshum And art. Member proposer 2 person lecturer have NIDN/NIDK. Amount student Which involved minimum 2 person | 1 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|---|---|-------------|
| 2. Empowerment Partnership Public (PKM) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Assistant Expert, and have a SINTA <i>Overall Score</i> of at least 50 for field scitech And 25 For field soshum And art. Member proposer 2 person lecturer have NIDN/NIDK. Amount student Which involved minimum 2 person. | 1 |
| 3. Empowerment Public by Student (PMM) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Assistant Expert, and have a SINTA <i>Overall Score</i> of at least 50 for field scitech And 25 For field soshum And art. Member proposer 2 person lecturer have NIDN/NIDK. Amount student Which involved minimum 20 person. | 1 |
| Empowerment Based Entrepreneurship (PBK) | | |
| 1. Entrepreneurship Based Student (KBM) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 20 person. | 3 |
| 2. Empowerment Partner Business Product Superior Area (PM-UPUD) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |
| 3. Development Business Campus (PUK) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |
| Empowerment Based Region (PBW) | | |
| 1. Empowerment Region (PW) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. Amount student Which involved minimum 4 person. | 3 |
| 2. Empowerment Village Built (GDP) | | |
| | <ul style="list-style-type: none"> Chairman of the proposer with a minimum functional position of Lector, and have a SINTA <i>Overall Score</i> of at least 50 for the field scitech And 25 For field soshum And art. Member proposer 3 person lecturer have NIDN/NIDK. | 3 |

| Scheme Funding | Condition Team Researcher | Time (year) |
|---------------------------------------|---|-------------|
| | <ul style="list-style-type: none"> Amount student Which involved minimum 4 person. | |
| Empowerment Partner Vocational (PBMV) | | |
| | <ul style="list-style-type: none"> Chairman proposer originate from College Tall Vocational with minimum score sinta 100 For science And technology And 50 Forsocial humanities. Member proposer 3 person lecturer have NIDN/NIDK And One person originate from partner. Amount student Which involved minimum 5 person. | 1 |

Table 17. Scheme Funding, Team Executor, Time, And Funding Devotion to Public

| Scheme Devotion to Public | Team Executor | Time (year) | Cost (million Rp) | | |
|---|--------------------------------|-------------|-------------------|------|------------|
| | | | DAPTV* | PT** | Partner*** |
| Empowerment Based Public (PBM) | | | | | |
| 1. Empowerment Public Beginner (PMP) | Chairman with maximum 2 member | 1 | 25 | | |
| 2. Empowerment Community Partnerships (PKM) | Chairman with maximum 2 member | 1 | 50 | | |
| 3. Empowerment Public by Student (PMM) | Chairman with maximum 2 member | 1 | 75 | | |
| Empowerment Based Entrepreneurship (PBK) | | | | | |
| 1. Entrepreneurship Based Student (KBM) | Chairman with maximum 3 member | 3 | 150 | 20 | |
| 2. Partner Empowerment Business Product Superior Area (PM-UPUD) | Chairman with maximum 3 member | 3 | 150 | | 10 |
| 3. Development Business Campus (PUK) | Chairman with maximum 3 member | 3 | 200 | 30 | |
| Empowerment Based Region (PBW) | | | | | |
| 1. Regional Empowerment (PW) | Chairman with maximum 3 member | 3 | 150 | | 100 |
| 2. Empowerment Village Built (GDP) | Chairman with maximum 3 member | 3 | 150 | 10 | |
| 3. Empowerment Partner Vocational (PBMV) | Chairman with maximum 4 member | 1 | 100 | 10 | |

Information:

* Fees Which proposed to DAPTV minimum 60% from funds the maximum set each scheme

** Contributions college tall in form *in cash* or *in kind*

*** Contribution from partner target Rp 10 million And partner disabled person fund (eg CSR/Local Government/ NGO) Rp 100 million.

Table 18. Summary proposal, Selection And Implementation Devotion to Public Based on Scheme Funding

| Stages Funding in every Program Devotion to Public | | Empowerment Based Public | | | Empowerment Based Entrepreneurship | | | Empowerment Based Region | | Empowerment Partner Vocational |
|--|---|--------------------------|-----|-----|------------------------------------|---------|-----|--------------------------|-----|--------------------------------|
| | | PMP | PKM | PMM | KBM | PM-UPUD | PUK | PW | GDP | PBMV |
| Proposal in a way online | Charging identity proposer | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Charging identity proposal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Fill in completeness proposal in accordance scheme | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Agreement leader units | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Selection | Evaluation proposal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Discussion proposal And visit field | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Determination winner | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Implementation | Charging notes daily , <i>logbook</i> And Report progress | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | <i>Monitoring</i> And evaluation Internal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | <i>Monitoring</i> And evaluation External | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Reporting | Report end | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Evaluation results | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Charging And evaluation proposal advanced | - | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Information:

PMP = Empowerment Public Beginner; PKM = Empowerment Partnership Public; PMM = Empowerment Public by Student; KBM = Entrepreneurship Based Student; PM-UPUD = Empowerment Partner Business Product Superior Area; PUK = Development Business Campus; PW = Empowerment Region; GDP = Empowerment Village Building; PBMV = Empowerment Partner Vocational.

*) Evaluation proposal, discussion proposal, And visit field held by college tall proposer



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DIREKTORAT JENDERAL PENDIDIKAN VOKASI**

**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI**

2023