




# Compilation of Alumni Profiles Based on Tracker Study in the Doctoral Study Program (S3) of Postgraduate Education, State University of Gorontalo

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## Abstract

The Doctor of Education Program at State University of Gorontalo will carry out the accreditation, where the alumni's track record and user satisfaction have a sizable portion in the accreditation assessment. This service aims to identify, record, formulate and analyze the profiles of graduate students based on tracer studies in the postgraduate doctoral study program, State University of Gorontalo. In particular, this study aims to: 1) Describe tracer study-based student and alumni profiles in the Postgraduate Education Doctoral Study Program, State University of Gorontalo; 2) Mapping the curriculum in the Postgraduate Education Doctoral Study Program, State University of Gorontalo. This service is designed using a mix method with data collection techniques using questionnaires, observation, interviews, and documentation. Data analysis techniques using quantitative analysis and qualitative analysis. This service is expected to: a) be input or reference material in improving the quality of students and alumni in the Doctoral Study Program of Postgraduate Education, State University of Gorontalo, b) become a reference in carrying out study and postgraduate program policies in developing the vision and mission of the organization, c) be a reference in the development of study programs and postgraduate programs in preparing accreditation forms in the future, and d) be useful for the formulation of work programs for the Doctor of Education Study Program that are more responsive to the needs of students and alumni. The end result of this service is expected to be; 1) Formulate a Compilation of Profiles of Doctoral Education Graduates for Users of Postgraduate Education Doctoral Graduates, State University of Gorontalo, and also 2) a Compilation of the Curriculum for the Doctoral Study Program in Postgraduate Education, State University of Gorontalo, with the Outcomes of the Collaborative Service Program being; 1) Consolidated Service Report Formulation of Doctoral Education Graduate Profiles and Doctoral Education Curriculum for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo. 2) Service Journal. 3) Publication of Service Activities in Gorontalo Post or Electronic Print Media; Instagram and FB. 4) IPR Grand Design Service Research Report Based on Tracer Study at the Doctoral Study Program of Postgraduate Education, State University of Gorontalo.

## A. Introduction

Background of the study:

The development of study programs is one of the things that is absolutely necessary to face intense competition both at the institutional and user levels. Reliable human resources should prioritize their quality to face competition both when looking for work and when already working (Chikmawati, 2019; Fadilah, 2019; Fahman, 2018; Jubba & Pabbajah, 2018; Pirdaos, 2015). There needs to be synchronization between the curriculum on campus and the real conditions at work so that the knowledge gained is very useful. An excellent education system is an absolute prerequisite for producing superior, competitive human resources, while being able to encourage and develop their alma mater as something to be proud of.

Therefore, the study program must be sensitive to changes and demands that occur in society. One indicator of the success of higher education is the aspect of relevance. In this aspect of relevance, tertiary institutions are required to be able to produce graduate profiles that are competitive and ready to take part in development. How big and to what extent college graduates are able to take part in development. Given the importance of graduates being described and narrated in graduate background profiles, it is an obligation for study programs to map graduate student profiles which will later develop and follow the development of their students if they have completed (graduates) to know and establish relationships, opening relationships both personal and institutional for the sake of developing study programs and to provide feedback on the benefits of knowledge gained when attending college. Of course, this needs to be done because sometimes what is obtained and planned in college when in the field often does not find a match. Students and alumni are at the forefront of study programs to always encourage students to always look ahead as well as attract their younger siblings to participate in experiencing their success. Students and alumni are a source of pride as well as a test for the quality of study programs when they are in the world of work. Alumni is a database to get feedback for the development of study programs through curriculum development, learning to input regarding the existing education system. The importance of alumni contributions raises the desire to trace the whereabouts of alumni, while at the same time maintaining that the ties of kinship and kinship are not broken when they finish graduation.

*Tracer study* become one of the means to track the whereabouts of students and graduates (alumni) and measure the success of institutions in producing graduates who can meet the demands of high quality service (Akbar & Mukhtar, 2020; Ramadiani et al., 2016; Rofaida & Gautama, 2019). Tracer studies have been of great benefit to various universities and other higher education institutions in Indonesia in order to obtain portraits of their graduates in order to evaluate the process and results of higher education and can then be used for improvement and quality assurance of these higher education institutions (Chandra et al., 2014; Nugroho & Nugroho, 2018; Suwito et al., 2017).

The Doctor of Education Program at Gorontalo State University is a doctoral program that supports and hones quality graduates in order to support the development of Human Resources in Eastern Indonesia. The vision of this study program is to realize the Doctoral Program in Education as a center for educational innovation and human resource excellence based on science and technology and culture in Eastern Indonesia; While its missions include; develop insight and scientific theory and practice of education in a comprehensive and integrated manner in the aspects of knowledge, technology and culture through research, creative work to make graduates as research scientists, research practitioners and experts; In realizing this vision and mission, the Doctor of Education Program at Gorontalo State University has carried out a series of policies including strengthening the capacity of students and alumni. Since operating in 2014 until 2021, the Doctor of Education Program at Gorontalo State University has graduated 18 students as alumni and is currently supporting 21 active students. Alumni of the Doctor of Education Program at Gorontalo State University who have completed the program are currently actualizing themselves in a variety of varied world of work activities. The alumni produced have varied social characteristics and on average have high achievements. However, all of this still needs proof from graduates whose quality will later be reflected in the absorption of alumni of the Gorontalo State University Doctor of Education Program in the labor market, both in their main field of education and in other fields. Obstacles and challenges in real society need to be known to assess how competitive graduates of sociology education are after their studies.

Tracer studies are needed to find out the role of students and alumni when they are in the midst of society (Abdi & Rohmah, 2020; Purwanto, 2022; Syamsir & Gustina, 2017). As early as possible it is necessary to collect information about alumni, both those who are already working, pursuing further education and graduates who are still looking for work (Wijaya, 2017). The results of the tracer study carried out will also

have a strategic role for the Gorontalo State University Doctor of Education Program which will carry out accreditation, where the track record of alumni and user satisfaction has a sizable portion in the accreditation assessment. Thus, based on the importance of this research, we from the Doctor of Education Study Program will carry out research focused on research "Social Profile Characteristics of Tracer Study-Based Students and Alumni in the Doctoral Study Program of Postgraduate Education, State University of Gorontalo" so that the Doctoral Study Program in Education will later has an alumni database and research-based user (stakeholder) reports that are expected to make a major contribution to the upcoming accreditation assessment.

The tracer study is related to the internal quality assurance unit. For this reason, the partner in implementing this service is SPMI Postgraduate UNG which will have a major contribution in maintaining the quality of its graduates. Methods This activity can be carried out through postgraduate policy programs in administrative and academic improvement, through funding support and becoming partners in finding concepts in solving problems.

Literature reviews:

The study program must be sensitive to changes and demands that occur in society. One indicator of the success of higher education is the aspect of relevance. In this aspect of relevance, tertiary institutions are required to be able to produce graduate profiles that are competitive and ready to take part in development. How big and to what extent college graduates are able to take part in development. Given the importance of graduates being described and narrated in graduate background profiles, it is an obligation for study programs to map graduate student profiles which will later develop and follow the development of their students if they have completed (graduates) to know and establish relationships, opening relationships both personal and institutional for the sake of developing study programs and to provide feedback on the benefits of knowledge gained when attending college. Of course, this needs to be done because sometimes what is obtained and planned in college when in the field often does not find a match. Students and alumni are at the forefront of study programs to always encourage students to always look ahead as well as attract their younger siblings to participate in experiencing their success. Students and alumni are a source of pride as well as a test for the quality of study programs when they are in the world of work. Alumni is a database to get feedback for the development of study programs through curriculum development, learning to input regarding the existing education system. The importance of alumni contributions raises the desire to trace the whereabouts of alumni, while at the same time maintaining that the ties of kinship and kinship are not broken when they finish graduation.

The rationale of the study:

*Tracer studies* become one of the means to track the whereabouts of students and graduates (alumni) and measure the success of institutions in producing graduates who can meet the demands of high service quality. Tracer studies have been of great benefit to various universities and other higher education institutions in Indonesia in order to obtain portraits of their graduates in order to evaluate the process and results of higher education and can then be used for improvement and quality assurance of these higher education institutions.

Purpose or Hypotheses of the Study:

The tracer study is related to the internal quality assurance unit (SPMI). For this reason, the partner in implementing this service is SPMI Postgraduate UNG which will have a major contribution in maintaining the quality of its graduates. Methods This activity can be carried out through postgraduate policy programs in administrative and academic improvement, through funding support and becoming partners in finding concepts in solving problems.

## **B. Research Methods**

Population and the methods of sampling:

The implementation of the Postgraduate Service refers to the implementation of the LPPM Service as usual which is held to provide opportunities and encourage the continuity of service activities within the Postgraduate Lecturer environment at Gorontalo State University. In Providing convenience related to community service activities carried out by Postgraduate lecturers, to be used in the form of credit points for promotions/positions and Lecturer Workload (BKD) as one of the Tri Dharma of Higher Education.

The method used is SWOT analysis, through quality opportunities and challenges, with the final output; the compilation of Alumni Graduate Profiles and Curriculum vision and mission and subject matter for the

Doctor of Education study program. For this Devotion according to the title Devotion; "Preparation of Tracer Study Questionnaires for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo". The strategy through the mentoring pattern is to strengthen preparation and training and guidance for academics through mentoring Partners of the Postgraduate Internal Quality Assurance Unit (SPMI), State University of Gorontalo.

Service Implementation at Gorontalo State University; through the stages are 1) Committee preparation, 2) Site survey, 3) Location determination, 4) Proposal preparation, 4) Proposal evaluation. 5) Presentation, 6) Service Implementation and 7) Evaluation monitoring (by the Chancellor, LPPM Leaders, Service Responsible Committee and DPL TEAM) Report and Output Preparation

Instrumentation (sample of questions, scoring method, and psychometric properties (validity and reliability):

Targets to be achieved by Community Service activities Compilation of Tracer Study-Based Graduate Profiles for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo, especially the services located at the Graduate School of Gorontalo State University for student and graduate data are 1) identifying and analyzing graduate profiles; through the social strata of the characteristics of students and alumni based on tracer study in the doctoral study program of Postgraduate Education, State University of Gorontalo. In particular research, 2) As a form of concern for the Postgraduate Doctoral Study Program at Gorontalo State University in Maintaining the Quality of its Graduates, through the preparation of Graduate Profiles and improvement of curriculum according to Association and Tracer Study-Based MBKM Graduates of Alumni Doctoral Program Students (S3) of Gorontalo State University, It's arranged Profile of Graduates Based on Tracer Study for Users of Doctoral Graduates (S3) in Education Gorontalo State University Postgraduate, especially the services located at the Gorontalo State University Postgraduate for Student and Graduate data are 1) Compilation of Tracer Study-Based Graduate Profiles for Postgraduate Student Doctoral Program (S3) Graduates, Gorontalo State University, 2) Formulate The Compilation of Doctoral Curriculum for Postgraduate Education, State University of Gorontalo, and also, 3) Grand Design profile in the Doctoral Study Program of Postgraduate Education, State University of Gorontalo.

The output target of this Community Service activity refers to the problems faced by partners. The output targets include: Additional outputs: 1) Compilation of Continuous Service Reports ProfileTracer Study-Based Graduates for Users of Doctoral Graduates (S3) Postgraduate Education, State University of Gorontalo. 2) Service Journal. 3) Publication of Service Activities in Gorontalo Post or Electronic Print Media; Instagram and FB. 4) IPR Grand Design Profile of alumni graduates through the Tracer Study Instrument for the Doctoral Study Program of Postgraduate Education, State University of Gorontalo.

Procedures and if relevant, the time frame:

To achieve the target in collaborative service, community service activities will be carried out in accordance with the program that has been set, namely: Compilation of Tracer Study-based graduate profiles for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo.

The process of implementing community service activities is carried out by the DPL TEAM in accordance with the specified time for 2 months, starting in May and June 2021. The activities and time volume can be seen in Table 3.1 below; Design analysis of the social profile description of students and alumni in the Postgraduate Doctoral Education Study Program, State University of Gorontalo

Analysis plan (describe statistical tests and the comparisons made; ordinary statistical methods should be used without comment; advanced or unusual methods may require a literature citation): 1) Relevance analysis between study programs and fields of work occupied by students and alumni in the Doctoral Study Program Gorontalo State University Postgraduate Education, 2) Analysis of networking and empowerment of students and alumni of the Postgraduate Doctoral Education Study Program, Gorontalo State University, 3) Analysis of the level of stakeholder satisfaction with students and alumni in the Doctoral Study Program of Postgraduate Education, Gorontalo State University , 4) Instrument Preparation Assistance Tracer Study Questionnaire for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo.

Scope and/or limitations of the methodology you used:

This dedication is a previous development from the results of Collaborative PNPB research with the Education Doctoral Study Program (S3), whose title; "Social Profile Characteristics of Students and Alumni Based on Tracer Study in the Doctoral Study Program of Postgraduate Education, State University of

Gorontalo". This research is important to explore study program profile data and social as well as character and culture of students and alumni based on tracer studies in the UNG Postgraduate Education Doctoral Study Program. Also, further dedication research "Preparation of a Tracer Study Questionnaire for Users of Doctoral Graduates (S3) Postgraduate Education at Gorontalo State University". The strategy through the mentoring pattern is to strengthen preparation and training and guidance for academics through mentoring Partners of the Postgraduate Internal Quality Assurance Unit (SPMI), State University of Gorontalo.

The method used is SWOT analysis, through quality opportunities and challenges, with the final output; the compilation of Alumni Graduate Profiles and Curriculum vision and mission and subject matter for the Doctor of Education study program. For this Devotion according to the title Devotion; "Preparation of Tracer Study Questionnaires for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo". The strategy through the mentoring pattern is to strengthen preparation and training and guidance for academics through mentoring Partners of the Postgraduate Internal Quality Assurance Unit (SPMI), State University of Gorontalo.

Outcome Target: Model of implementing output technology in "Compilation of Tracer-Based Graduate Profiles for Doctoral Studies (S3) in Postgraduate Education, State University of Gorontalo" through data tracing (through the preparation of descriptive identification), study program socialization (FGD) and according to graduate users through the grand design mapping of graduate profiles presented through qualitative data analysis).

### C. Result and Discussion

Relevance of Graduate profiles with users Graduates from the Doctoral Program in Postgraduate Education, State University of Gorontalo Assistance in Compiling Graduate Professions; activity by; Head of Education Doctoral Study Program; Prof. Dr. Novianty Djafri, Together with Deputy Director 1 for Academic Affairs; Mr Prof. Dr. Hasim and Tracer Study by the Head of Quality Assurance for the Postgraduate Program, State University of Gorontalo. The activities were held in the Postgraduate Hall of the State University of Gorontalo Graduate Profiles By Deputy Director 1 for Academic Affairs; Mr Prof. Dr. Hasim. M.Sc

VISION OF UNG'S POSTGRADUATE DOCTORAL EDUCATION PROGRAM FOR 2021-2035 ARE:

"Developing Multidisciplinary Education and Learning Through Innovation in the Order of Producing Superior Human Resources and Competitiveness Based on Science and Culture in the regional context"

#### MISSION

1. Organizing superior and innovative education and learning in developing and applying Science, Technology, and Art within the framework of Regional Potential-Based Cultural Development in the Southeast Asia region.
2. Carrying out superior and innovative research in the fields of Science, Technology, and Art within the framework of Regional Potential-Based Cultural Development which is published regionally, nationally and in the Southeast Asian region.
3. Organizing superior and innovative community service in the fields of Science, Technology, and Art within the framework of Regional Potential-Based Cultural Development in the Southeast Asia region.
4. Build a network of cooperation (networking) between higher education institutions at home and abroad, government and private, as well as other relevant social organizations in the framework of increasing research, technology, cultural exploration, and improving the quality of superior and innovative education and learning

#### OBJECTIVE

1. To produce graduates who have the ability to innovate and prioritize professionalism, are competitive in developing and applying knowledge in the field of education;
2. To produce research works by lecturers and students that are innovative, professional and competitive in the field of Education;
3. Producing works of dedication in the field of Education that make a real contribution to regional and national development



4. Producing a partnership program that synergizes with the Government and the Business World through the development of science, technology, arts and culture in the field of Education that is innovative, professional and competitive

#### COMPETENCE OF GRADUATES

Competency Profile of Graduates of Doctor of Education; Can Produce Graduates Who can;

1. Develop insights and scientific theories and educational practices in a comprehensive and integrated manner in the aspects of knowledge, technology and or culture through research, creative work to make education graduates become scientists, researchers, practitioners and educational experts in their respective scientific fields
2. Solve problems in the national, regional and local education system through inter and multidisciplinary approaches;
3. Developing research in the field of education and education that is beneficial for the development of science, technology, art and culture for the benefit of mankind, and to gain recognition at the national and international levels;
4. Encouraging the development of various branches of education and educational science by referring to the scientific principles of education;
5. Comprehensively disseminating the results of educational scientific research and studies to be applied in educational and educational practices in formal and non-formal educational institutions;
6. Increasing the ability to develop the nation's cultural value system as the basis for the formulation of a paradigm in the development of global education
7. Improving the ability to develop educational innovation and culture at all levels of education
8. Improving ability to solve problems in the field of general and special education through academic processes, research and dedication to empowering and cultivating education in their respective fields of expertise.
9. Educational Developer with morals; pious; character; competent and competitive independent professional superior and competitive.

#### CURRICULUM STRUCTURE

The Doctoral Education Study Program curriculum is divided into 5 components, namely: 1) Scientific Core Curriculum (General) (Special) (Matriculation Subjects), 2) Supporting Science and Technology Curriculum, 3)

Curriculum for Study Program Characteristic Courses, 4) University Characteristic Course Curriculum 5) Dissertation Supporting Courses (Optional). 6. Matriculation Courses

Courses for the Scientific curriculum (22 credits), Courses for Supporting Science and Technology Curriculum (4 credits). Course for University Characteristics (2 credits). Courses for Study Program Characteristics (3 credits). Dissertation Support Courses (Optional) (Concentration) (3 credits). So that the total credits that must be taken is 34 credits. For prospective students who are not in the same field (non-educational) are given 4 credits of prerequisite courses related to the in-depth study of educational sciences so that the total credits earned.

#### D. Conclusion

The end result of this service is expected to be; 1) Formulate Compilation of Profiles of Doctoral Education Graduates for Users of Postgraduate Education Doctoral Graduates, State University of Gorontalo, and also 2) Compilation of the Curriculum for the Doctoral Study Program in Postgraduate Education, State University of Gorontalo, with the Outcomes of the Collaborative Service Program being; 1) Consolidated Service Report Formulation of Doctoral Education Graduate Profiles and Doctoral Education Curriculum for Users of Doctoral Graduates (S3) in Postgraduate Education, State University of Gorontalo. 2) Service Journal. 3) Publication of Service Activities in Gorontalo Post or Electronic Print Media; Instagram and FB. 4) IPR Grand Design Service Research Report Based on Tracer Study at the Doctoral Study Program of Postgraduate Education, State University of Gorontalo.

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