



Analysis of Graduate Relevance to Program Learning Outcome Mechanical Engineering in State University of Surabaya

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ABSTRACT

The college is one of the create of professional and qualified Human resource.. Universities must develop following the development needs of the business world and the industrial world. The purpose of this study was to analyze the relevance of Mechanical Engineering graduates to the Program Learning Outcome and as material for curriculum evaluation. The subjects of this research were 120 graduates in 2019 and 2020. The technique of collecting data was using a questionnaire through the State University of Surabaya Tracer Study web. The data is then analyzed using quantitative descriptive. As many as 55.83% of alumni are already working, 32.5% are not working, 10% are entrepreneurs, and the rest are continuing their education. The waiting time for graduates to get a first-time job takes an average of 4.49 months. The total relationship between the field of work and the field of education has a very tight, tight and pretty tight relationship of 77.5%. The profile of a mechanical engineering graduate is to become a mechanical engineer. The number of graduates who match the graduate profile is 61.2%. The competence of graduates is still below the competencies needed by the business and industrial. From the data above, we can conclude that graduates from the mechanical engineering study program are relevant to the established Program Learning Outcome.

5 INTRODUCTION

Alumni need an average of 1 month in getting a first-time job after graduating from education. Their first job is getting the most i⁵ three ways, namely through relationships, social media and college career centers. The majority of graduates work in accordance with the field of study, but they need to improve their skills in foreign languages, especially when they work abroad, as well as the ability in the field of computers to support their work (Razak et al., 2019). Department of Economics and Development Studies alumni take 4 years to complete the study period as many as 71% of alumni, this shows students in the IESP major the majority of their study period is on time. The waiting time to get a first-time job is less than 6 months as much as 76% of alumni. Department of Economics and Development Studies alumni mostly work in national private companies, especially at financial institutions as much as 66%, this shows th⁵ Department of Economics and Development Studies alumni work in fields that are in accordance with the area of expertise pursued during the study period. Alumni users 82% stated that the use of IT by alumni has a good value category (Daeng et al., 2021).

Alumni' first-time jobs get less than 6 months after graduation. Salary and benefits are the deciding factors in the establishment of a career from a first-time job. Alumni assess that the curriculum provided by the college is relevant and greatly contributes in

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