

Implementasi Metode *Multifactor Evaluation Process* Pemilihan Dosen Terbaik pada Fakultas Teknik dan Informatika di Universitas Panca Marga Berbasis Web

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ABSTRAK

Pemilihan dosen terbaik merupakan salah satu upaya strategis dalam meningkatkan mutu pendidikan di perguruan tinggi. Di Fakultas Teknik dan Informatika Universitas Panca Marga, evaluasi kinerja dosen selama ini dilakukan melalui pengisian kuesioner oleh mahasiswa. Cara ini cukup umum digunakan di berbagai perguruan tinggi karena relatif mudah dilaksanakan, tidak memerlukan biaya besar dan memberikan kesempatan kepada mahasiswa untuk menyampaikan penilaiannya secara langsung. Selain itu, hasil evaluasi sering kali tidak diolah secara mendalam sehingga kurang memberikan gambaran akurat mengenai kinerja dosen secara keseluruhan. Minimnya tindak lanjut terhadap hasil evaluasi juga membuat proses ini tidak memberikan dampak yang signifikan terhadap peningkatan kualitas pengajaran. Berdasarkan permasalahan tersebut penelitian ini bertujuan untuk merancang dan mengimplementasikan sistem berbasis web dalam pemilihan dosen terbaik dengan menggunakan metode *Multifactor Evaluation Process* (MFEP). Metode MFEP dipilih karena mampu menilai alternatif berdasarkan beberapa kriteria secara kuantitatif dan terstruktur. Kriteria penilaian dosen yang digunakan meliputi tri dharma dosen. Data dikumpulkan melalui kuesioner penilaian yang diisi oleh mahasiswa serta data tambahan dari pihak fakultas. Dengan adanya sistem ini, diharapkan proses pemilihan dosen terbaik dapat berjalan sesuai harapan dan dapat membantu fakultas dalam menentukan dosen terbaik secara objektif dengan dukungan metode MFEP yang terintegrasi dengan sistem.

Kata Kunci : *Multi-Factor Evaluation Process* (MFEP), MySQL, Kuesioner, Sistem Pendukung Keputusan, Framework CodeIgniter.

***Implementation of the Multifactor Evaluation Process Method for
Selecting the Best Lecturers at the Faculty of Engineering and
Informatics at Panca Marga University Based on the Web***

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ABSTRACT

The selection of the best lecturers is one of the strategic efforts to improve the quality of education in higher education institutions. At the Faculty of Engineering and Computer Science of Panca Marga University, lecturer performance evaluations have been conducted through questionnaires filled out by students. This method is quite commonly used in various higher education institutions because it is relatively easy to implement, does not require significant costs, and provides students with the opportunity to express their assessments directly. In addition, the evaluation results are often not processed in depth, which leads to an inaccurate depiction of the overall performance of lecturers. The lack of follow-up on the evaluation results also means that this process does not have a significant impact on improving teaching quality. Based on these issues, this study aims to design and implement a web-based system for selecting the best lecturers using the Multifactor Evaluation Process (MFEP) method. The MFEP method was chosen because it is able to evaluate alternatives based on several criteria in a quantitative and structured manner. The evaluation criteria for the lecturers used include the tri dharma of lecturers. Data was collected through assessment questionnaires filled out by students as well as additional data from the faculty. With this system, it is expected that the process of selecting the best lecturers can proceed as hoped and can assist the faculty in determining the best lecturers objectively with the support of the MFEP method that is integrated with the system.

Keywords: *Multi-Factor Evaluation Process (MFEP), MySQL, Questionnaire, Decision Support System, CodeIgniter Framework.*