

**SISTEM PENDUKUNG KEPUTUSAN PEMILIHAN DOSEN TERBAIK DI
JURUSAN TEKNIK INFORMATIKA UNIVERSITAS PENDIDIKAN
GANESHA MENGGUNAKAN METODE *ANALYTIC HIERARCHY*
PROCESS (AHP)**

Oleh

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ABSTRAK

SPK ini memiliki tujuan membantu HMJ Teknik Informatika Undiksha dalam menentukan dosen terbaik Jurusan Teknik Informatika. Studi kasus ini penulis menggunakan *Analytic Hierarchy Process* atau AHP sebagai metode dalam menentukan dosen terbaik Jurusan Teknik Informatika. Dalam proses penentuan dosen terbaik digunakan beberapa kriteria dan sub kriteria. Kriteria yang digunakan ialah Mahasiswa (C1) dan Remunerasi (C2). Sub kriteria yang digunakan adalah Unsur pelaksanaan pendidikan (C11), Membimbing TA, Skripsi, Tesis, dan Disertasi (C12), Unsur Penunjang (C13), Produk Penelitian, Pengabdian kepada masyarakat dan produk akademik lainnya (C14), Menerima Kritik, saran, dan pendapat dari Mahasiswa (C21), Mudah Bergaul Dengan Mahasiswa (C22), Adil dalam memperlakukan Mahasiswa (C23), Kemampuan dalam menghidupkan suasana kelas (C24). Sedangkan untuk alternatif yang dinilai ada 8 Dosen dari jurusan teknik informatika.

Kata-kata kunci: Sistem Pendukung Keputusan, AHP, Dosen.

**DECISION SUPPORT SYSTEM FOR SELECTING THE BEST
LECTURER IN INFORMATICS ENGINEERING DEPARTMENT OF
GANESHA UNIVERSITY USING THE ANALYTIC HIERARCHY
PROCESS (AHP) METHOD**

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ABSTRACT

This SPK aims to assist HMJ Informatics Engineering Undiksha in determining the best lecturers of the Informatics Engineering Department. This case study authors use the Analytic Hierarchy Process or AHP as a method in determining the best lecturers in the Department of Informatics Engineering. In the process of determining the best lecturers, several criteria and sub-criteria are used. The criteria used are Students (C1) and Remuneration (C2). The sub-criteria used are Elements of educational implementation (C11), Guiding TA, Thesis, and Dissertation (C12), Supporting Elements (C13), Research Products, Community Service and other academic products (C14), Accepting Criticism, suggestions, and opinions from Students (C21), Easy to Get Along With Students (C22), Fair in treating Students (C23), Ability to liven up the classroom atmosphere (C24). As for the alternatives assessed, there are 8 lecturers from the informatics engineering department. From the results of the study, it can be concluded that the ranking from the calculation of AHP, from 8 lecturers carried out the ranking, the results of A2 were obtained as rank 1 with a weight of 0.1702.

Keywords: Decision Support System, AHP, Lecturer.