

Invitation for Proposal

Technical Assistance for Workshop in PhD Supervision and Research Management

Background

The main background of this program is the national and international context change for research supervision. The nature of graduate education in MED FTUI is undergoing a fundamental restructuring within the framework of 'the professionalization of supervision'. Ambitious targets for doubling research number and PhD student numbers, establishing the Graduate School, and introducing structured PhD programs have been set. In considering the increase in the numbers of research output and graduates, it is equally as important to identify and address the needs of those supporting, creating and developing the research activity which will lead to a quality graduate education system.

However, much of the focus in graduate education is currently on the student education. The needs for support and development of PhD supervision and research management, while very important, have not been directly addressed. MED FTUI has not traditionally had formal structures for training of the staff in supervision of research postgraduate students (Masters and PhD). MED FTUI must do more to improve mechanism for supervision and assessment, and must also ensure that professional skills development is an integral part of all doctoral training.

Objectives

The proposed methods of providing this training included the provision of a structured training program, a mentoring system using experienced members of staff or a requirement that first-time supervisors initially operate as part of a supervisory team.

Thus, as well as projected increases in postgraduate student numbers, qualitative differences in the nature of supervision are rapidly being introduced, e.g., increasingly structured quality assurance procedures, such as use of Thesis Committees, Advisors, and regular progress reviews, and, more recently, introduction of skills development programs for PhD students which staff must be able to advise students on. Research supervisors thus face an increasing challenge in meeting academic quality assurance standards and supporting skills acquisition for their students.

Scope of Technical Assistance

- to mentor and/or share supervision experiences in PhD research
- to assist MED on setting up guideline on PhD supervision

Requirements:

1. A full time professor in Mechanical Engineering from a reputable university
2. Sufficient experiences in PhD supervision
3. Has international publications for the last 3 years
4. Has been a principal researcher in his/her respective field

Selection Criteria

- A committee set up by MED will select from at least 3 candidate based on the above requirements.

Deadline

Interested candidates can submit his/her curriculum vitae August 10, 2010 to pamitran@eng.ui.ac.id

Facilities Provided

Transportation and accommodation fee for the instructor