PRAVARTNA 14

Summary of Faculty Feedback

Knowledge Incubation for TEQIP 19-25/07/2014

Workshop session

Questions	Excellent	Good	Ordinary
Clarity of communication about workshop	10	07	00
Organization of the sessions	09	07	01
Quality of Posters	04	04	00
Quality of lectures	10	06	00
Effectiveness of discussions	07	06	00
Effectiveness of learning experience	07	08	00
	Appropriate	**Short**	**long**
Duration of workshops	15	00	02
	Definitely	**Maybe**	**No**
Would you like to have more such sessions?	12	04	00
Would you like e-lectures by experts on special	15	02	00
Suggest specific topic that you would like additional expert lectures on	• Tensor, Dynamics & Vibrations. • Design of m/c elements • Design and Robotics • Design of machine elements • Welding: submerged arc welding • Thermal Engineering • FEM and its application (FEM application with MATLAB) • Fluid dynamics. • MATLAB form basic to programming. • Open channel Hydraulics, Hydrology • FEM, XFEM, Non-Linear FEM and related methods like mesh free methods and their applications in solid Mechanics will be appreciated. • Computational Fluid Dynamics, IC Engines, HMT, Research Methodology		

Additional Suggestions	• A visit to Kanpur city help us to know more about Kanpur. • More exposure towards lab work , latest projects, latest technology available at IITK. • Organize workshop on Linear Algebra and its application only. • Copy of recorded lectures should be provided. • Course notes/material should be provided at starting. • If possible then text book related to course should also be provided.

Teaching

Which subjects do you teach?	• Design & Dynamics of Machine, Metal Castings • Fluid Mechanics, Thermodynamics • BME • Machine design, Engg graphics, O.R • T.O.M • Machine Design • Refrigenation & Air Conditioning • Thermodynamics. • Thermodynamics, CFD • Solid Mechanics • Mathematics at UG level. • Design of Hydraulics structure, Water Resources Engg. • Theory of elasticity and plasticity, FEM • Basic Mechanical Engineering, O.R, Numerical methods, HMT
What is average student to teacher ratio in your institute?	15:01 14:01 20:01 20:01 50:01 25:01 20:01 15:01 60:01 16:01 12:01 15:01

Questions	**YES**	**NO**
Do you have additional support for teaching (tutors, graders, teaching Assisttants, etc)?	10	05
Do you give class projects for UG classes?	15	01
Do you give class projects for PG classes?	10	07

Do you have sufficient resources for laboratory courses?	12		05	
	Sufficient		**Inadequate**	
Is the library/journal/e-connection support adequate?	10		06	
	Definitely	**May be**		**No**
Would you like to have common (TEQIP) repository of course material?	15	02		00
Would you like to visit IITK to participate in and develop course material (existing or new)	15	02		00
Would you like to participate in creation of the repository material (course files/lab. Manuals/question bank/etc)	13	04		00
	e-courses	**Workshops**	**Content**	**none**
How can IITK effectively help you prepare for teaching?	14	09	02	00
How can TEQIP help improve your teaching?	• Providing such workshop sessions and STC. • We learn new methodology of teaching by seeing expertise of their field. • It helps us to see what's new is going around us in each field and each engineering field by visiting the institute. • By e-courses. • Help us to know about current research. • By attending workshop we got knowledge about various advance topic in a particular subject that we are not teaching UG students, and it also clears our doubts regarding different topic in particular subjects. • By organizing more such workshops on different fields. • Provide funds for books or desired books and journals should be provided. • By workshop and seminar. • By organizing such workshop in different topics. • More workshops and short term courses may be organized. • TEQIP has disseminated some new concepts which may be incorporated in the course content. • By giving an opportunity to interact with universities and colleges outside India via workshop, seminars, e-courses etc.			

Research

Questions	Definitely	Maybe	No
Would you like to visit an IIT for a visiting-faculty/post-doctoral fellow ,if offered(via TEQIP)?	13	03	01
Would you like to share/use research infra-structure at IITK, if made available?	16	00	00
Would you like to conduct collaborative research with IITK?	16	00	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	16	00	00
Do you want special-topic conferences?	07	07	00
How can TEQIP help improve your research?	• Involve us in practical projects taken by the professor of IITK. • By TEQIP we come across various experts of our field, also we can see various research facilities at different places. • By conducting collaborative research. • By lab visit at IITK. • By providing various projects. • Sharing of experimental facilities. • Providing library access. • By conducting collaborative research programmes, e-courses. • Organizing workshop on current research area. • TEQIP has a good consortium of emerging/ element from different fields and organizations. So is always helpful in exploring new avenues of my research field. • By giving an opportunity to work with institutes of international repute like IITK.		