

Pravartana 2016

A TEQIP Symposium on Mechanics



12-14 February 2016

Faculty Feedback

Workshop

<i>Questions</i>	<i>Excellent</i>	<i>Good</i>	<i>Ordinary</i>
Clarity of communication about workshop	04	04	00
Organization of the sessions	03	05	00
Quality of lectures	04	03	00
Effectiveness of discussions	03	05	00
Effectiveness of learning experience	01	06	01
	<i>Appropriate</i>	<i>Short</i>	<i>long</i>
Duration of workshop	05	02	00
	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to have more such sessions?	04	02	01
Would you like e-lectures by experts on special topics?	06	01	00
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"> ➤ Fracture mechanics ➤ Fluid Mechanics-Non Linear Analysis. ➤ Advances in fracture Mechanics, Damage Modelling, Experimental Methods. ➤ Composite laminates. ➤ Computational Solid Mechanics. ➤ Fracture, Vibration Isolation. ➤ FEM Modelling ➤ Composite Material ➤ Machine Design 		

Additional Suggestions	<ul style="list-style-type: none"> ➤ Kindly inform along with brochure some more details of the focus of symposium ➤ Prior information about the topics to be covered. ➤ No focussed attention in the symposium ➤ No theme in symposium ➤ No value addition from symposium ➤ Advances in Fracture Mechanics, Damage Modelling, Experimental Methods. ➤ More interested in some experimental activity. ➤ Workshop participants may be encouraged for active involvement. ➤ Give hardcopy of projection or topic.
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Teaching

Which subjects do you teach?	<ul style="list-style-type: none"> ➤ Engg. Mechanics, Advanced Fluid Mechanics, Free Surface Flows ➤ Maths I, II ,III, IV, Mathematical Modelling, Probability. ➤ Fracture Mechanics, Solid Mechanics, CAD. ➤ Finite Element Method, Mechanics of Composite Material, Mechanics of Materials. ➤ Solid Mechanics, Finite Element Method ➤ Fracture, FEM, Dynamics. ➤ Mechanics, Fluid Mechanics ➤ Machine Design 	
What is average student to teacher ratio in your institute?	<ul style="list-style-type: none"> ➤ 15:01 ➤ 12:01 ➤ 09:04 (approx) ➤ 20:01 ➤ 12:01 ➤ 12:01 ➤ 20:01 	
Questions	YES	NO
Do you have additional support for teaching (tutors, graders, teaching Assistants, etc)?	06	01
Do you give class projects for UG classes?	08	00
Do you give class projects for PG classes?	07	01
Do you have sufficient resources for laboratory courses?	04	04

	<i>Sufficient</i>		<i>Inadequate</i>	
Is the library/journal/e-connection support adequate?	03		05	
	<i>Definitely</i>	<i>May be</i>	<i>No</i>	
Would you like to have common (TEQIP) repository of course material?	08	00	00	
Would you like to visit IITK to participate in and develop course material (existing or new)	08	00	00	
Would you like to participate in creation of the repository material (course files/lab. Manuals/question	07	01	00	
	<i>e-courses</i>	<i>Workshops</i>	<i>Content</i>	<i>none</i>
How can IITK effectively help you prepare for teaching?	05	06	01	00
How can TEQIP help improve your teaching?	<ul style="list-style-type: none"> ➤ Improvement in lab facilities for research ➤ Exposure to different technique for teaching ➤ Financial support for content upgradation. 			

Research

<i>Questions</i>	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to visit an IIT for a visiting-faculty/post-doctoral fellow, if offered (viaTEQIP)?	07	01	00
Would you like to share/use research infrastructure at IITK, if made available?	08	00	00
Would you like to conduct collaborative research with IITK?	08	00	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	08	00	00
Do you want special-topic conferences?	08	00	00

<p>How can TEQIP help improve your research?</p>	<ul style="list-style-type: none"> ➤ By providing a platform like knowledge exchange ➤ Developing laboratory ➤ By providing opportunity to do research using facilities available at IITs ➤ Organize workshops with active testing (Lab) or simulation activities on assignment. ➤ Support to visit national labs. ➤ Support to discuss with people of higher institutes/organizations.
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Additional Questions for TEQIP 3rd Phase:

1. Would you want in the 3rd phase of TEQIP paid access to high end experimental facilities in specific institution?
 - 8 of 8 says Yes.
 - Unlike phase-I and phase-II phase-III should have a focused attention on a narrowed field of research which is of national importance. Hence it is essential to identify the are to be supported.
 - Yes, but specific institute allow all institute research student work in this institute.

2. Would you be interested in having end state art of activity TEM, SHRTM etc at specific institution (in the TEQIP fold so that all TEQIP institution can access) ?
 - 8 of 8 says Yes