



# Mechanics School at IIT Kanpur

20 - 24 February 2015



## Summarized Student's Feedback

### WORKSHOP SESSION

Questions	Excellent	Good	Ordinary
Clarity of communication about workshop	10	07	00
Organization of the sessions	17	00	00
Quality of lectures	15	02	00
Quality of labs	15	02	00
Effectiveness of discussions	10	06	00
Effectiveness of learning experience	12	03	00
	<b>Appropriate</b>	<b>Short</b>	<b>long</b>
Duration of workshop	15	02	00
	<b>Definitely</b>	<b>Maybe</b>	<b>No</b>
Would you like to have more such sessions?	16	00	00
Would you like e-lectures by experts on special topics?	16	01	00
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"><li>• Flow dynamics (behaviour of turbulent flow in oceans).</li><li>• Structural Engineering.</li><li>• Non Newtonian fluid transitions, heat and mass transfer.</li><li>• Thermodynamics and heat transfers.</li><li>• Production Technology</li><li>• Manufacturing and Thermal.</li><li>• Strength of Material.</li><li>• Design</li><li>• Fracture Mechanics: how to make use of complex variables in modelling problems in fracture.</li><li>• Advance manufacturing science</li></ul>		

Additional Suggestions	<ul style="list-style-type: none"> <li>• Research based program on the effectiveness of specified field of interest.</li> <li>• Should be a brief introduction on the research being carried out at the respective IIT.</li> <li>• If there will be same one month workshop on fluid mechanics for research scholar from maths deptt. Then it will be really helpful.</li> <li>• This was a very good experience. It will be good if there will be some workshop on practical classes only. So that one can learn some practical things too by learning about different machines here which is not available in every colleges.</li> <li>• This was an excellent session and must be conducted throughout the year.</li> </ul>
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## LEARNING

<b>Questions</b>	<b>Yes</b>	<b>No</b>
Do you get enough class projects?	14	02
Is the learning adequate?	15	02
Do you have sufficient resources for laboratory courses?	10	05
What is your area of specialization	<ul style="list-style-type: none"> <li>• Structural Engineering.</li> <li>• Fluid Mechanics, Heat &amp; Mass Transfer, Boundary layer Theory.</li> <li>• Heat Transfer</li> <li>• Applied Thermodynamics, Machine Design.</li> <li>• Fluid and manufacturing.</li> <li>• Design.</li> <li>• Fracture.</li> <li>• Manufacturing Science</li> </ul>	

	<b>Sufficient</b>		<b>inadequate</b>
Is the library/journal support/e-connection adequate?	12		02
	<b>Definitely</b>	<b>Maybe</b>	<b>No</b>
Would you like to have common (TEQIP) repository of course material?	14	02	00
Would you like to visit IITK to attend specialized courses?	15	01	00
Would you like MOOCS/e-resources based courses?	12	03	00
How can TEQIP help improve your learning?	<ul style="list-style-type: none"> <li>• Providing adequate chances of interacting and knowledge gain programme with the person of interest with whom you want to guided by.</li> <li>• Experts are here to listen our doubts, problems special lectures and same workshop to write good research topic.</li> <li>• By providing more and more such workshops thought the years.</li> <li>• E-lectures (recorded) or live session can be organized at different TEQIP centres on the subjects requested.</li> <li>• By workshop and e-lectures.</li> <li>• By providing video lectures by current teachers of IITK.</li> <li>• By faculty exchange program.</li> <li>• It is good to organizing such workshop and conference as well.</li> </ul>		

## RESEARCH

<b>Questions</b>	<b>Definitely</b>	<b>Maybe</b>	<b>No</b>
Would you like to visit an IIT for a short visit /internship/post-doctoral stint ,if offered(via TEQIP)?	17	00	00
Would you like to share/use research infrastructure at IITK, if made available?	15	02	00
Would you like to conduct collaborative research with IITK faculty?	17	00	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	14	03	00
Do you want special-topic conferences?	16	00	01

How can TEQIP help improve your research?

- Resource development on other institutes also. And give chance to further communicate with the person specialized in area of interest of fellow.
- By giving brief overview on the research of concerned students.
- Workshops on any subject like fluid mechanics help to improve our basics to do good research.
- A communication system and student transfer program can be established or at least students should be allowed to get their research work done in the available laboratories of different TEQIP centres, for those who like such laboratories.
- By providing experts guidance for my field.
- By conducting more such workshop.
- By providing lab facility to interested people.