



A Short Course on  
**Structure and Characterization of Materials**  
22 - 26 December 2014



## Student's Feedback Form

### WORKSHOP SESSION

Questions	Excellent	Good	Ordinary
Clarity of communication about workshop	14	03	00
Organization of the sessions	14	02	00
Quality of lectures	12	05	00
Quality of labs	14	03	00
Effectiveness of discussions	03	14	00
Effectiveness of learning experience	04	11	01
	<b>Appropriate</b>	<b>Short</b>	<b>long</b>
Duration of workshop	08	08	01
	<b>Definitely</b>	<b>Maybe</b>	<b>No</b>
Would you like to have more such sessions?	15	00	00
Would you like e-lectures by experts on special topics?	14	02	00
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"><li>• XRD</li><li>• SEM, TEM</li><li>• Coating, biomaterials.</li><li>• X-Ray</li><li>• Computational Techniques.</li><li>• Composites</li><li>• Metallic glass</li><li>• UV spectrophotometers NMR</li><li>• FTIR</li><li>• XPS</li></ul>		

Additional Suggestions	<ul style="list-style-type: none"> <li>• Workshop should be of minimum two weeks.</li> <li>• More common topic can be given.</li> <li>• More time for laboratory visit.</li> <li>• Advanced analysis techniques based on XRD, SEM, TEM</li> <li>• Workshop only on one technique.</li> <li>• Concentrate on single topic.</li> <li>• Such program should be organized regularly after the interval of 6 months.</li> <li>• Duration of lab visit should be increase.</li> <li>• More time on lab sessions.</li> <li>• Duration of workshop should be increased.</li> <li>• If possible lab visit with instruments demonstration.</li> </ul>
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## LEARNING

Questions	Yes	No
Do you get enough class projects?	15	01
Is the learning adequate?	12	03
Do you have sufficient resources for laboratory	12	03
What is your area of specialization	<ul style="list-style-type: none"> <li>• Nano particle, Synthesis Characterization-Application.</li> <li>• Electrochemistry</li> <li>• Physical metallurgy</li> <li>• XRD, SEM, TEM</li> <li>• Biomedical engineering.</li> <li>• Condensed Matter Physics.</li> <li>• Composites</li> <li>• Corrosion on A.S.S</li> <li>• Thermal spray coating</li> <li>• Chemical engineering.</li> <li>• Electrochemical Engineering</li> <li>• Chemical Engineering (Chemical Process Design)</li> <li>• Surface Engineering</li> </ul>	
	<b>Sufficient</b>	<b>inadequate</b>
Is the library/journal support/e-connection adequate?	12	01
	<b>Definitely</b>	<b>Maybe</b> <b>No</b>

Would you like to have common (TEQIP) repository of	16	00	00
Would you like to visit IITK to attend specialized	15	01	00
Would you like MOOCS/e-resources based courses?	12	04	00
How can TEQIP help improve your learning?	<ul style="list-style-type: none"> <li>• More sessions like this should be conducted in near future.</li> <li>• Got a conceptual knowledge of characterization techniques.</li> <li>• Organize more courses such like that.</li> <li>• Learning basics.</li> <li>• By organizing lectures and internship.</li> <li>• TEQIP sponsored internship may help to learn better.</li> <li>• By e-learning material and workshops on different topics.</li> <li>• By interacting with professors.</li> <li>• By providing the equipment available for research.</li> <li>• Interacting with professors and other institute colleague.</li> <li>• By organizing such internship</li> <li>• Organizing such courses.</li> <li>• Basic concept.</li> <li>• By increasing the laboratory instruments and it should be accessible for all.</li> </ul>		

## RESEARCH

Questions	Definitely	Maybe	No
Would you like to visit an IIT for a short visit /internship/post-doctoral stint ,if offered(via TEQIP)?	11	01	00
Would you like to share/use research infrastructure at IITK, if made available?	11	01	00
Would you like to conduct collaborative research with IITK faculty?	11	01	00

Would you like lectures by experts (Indian and international) on niche research areas/topics?	11	01	00
Do you want special-topic conferences?	10	01	01
How can TEQIP help improve your research?	<ul style="list-style-type: none"> <li>• By giving basic idea of XRD, SEM, TEM.</li> <li>• By providing lectures in current technology and future aspects.</li> <li>• TEQIP sponsored internship with IIT experts on some specific technique or research interest would certainly help.</li> <li>• By sharing lab facility at IITK.</li> <li>• By providing the equipment facilities and experts lectures and workshops.</li> <li>• By providing opportunity, fund and leave from college.</li> <li>• Online forum</li> </ul>		