

TEQIP School on Computational Methods in Engineering Applications

12 – 16 April 2016

Student Feedback

Workshop

<i>Questions</i>	<i>Excellent</i>	<i>Good</i>	<i>Ordinary</i>
Clarity of communication about workshop	07	12	00
Organization of the sessions	06	13	00
Quality of lectures	06	13	00
Quality of posters	06	11	02
Effectiveness of discussions	04	13	02
Effectiveness of learning experience	04	13	02
	<i>Appropriate</i>	<i>Short</i>	<i>long</i>
Duration of workshop	13	03	03
	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to have more such sessions?	11	08	00
Would you like e-lectures by experts on special topics?	15	03	00
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"> ➤ Numerical methods, CFD, chemical Engg. ➤ Solving fluid mechanics problems with FEM. ➤ Plastic deformation of materials. ➤ Optimization technique. ➤ Lab work on Ansys work bench. ➤ Finite volume method for fluid flow problems. ➤ Heat transfer based FEM study. ➤ Lab session should be by expert on ansys. ➤ Mathematics of FEM, lab work should be more. ➤ Convective Heat Transfer ➤ Simulation of flow areas bluff bodies like cylinder. ➤ Latest research trends in bio-mechanical engineering. ➤ Finite volume method with more lab sessions. 		
Additional Suggestions	<ul style="list-style-type: none"> ➤ In lectures class, can be teach some fundamental of respective research area than reading/explain own research work. ➤ Please increase the time of workshop or decrease the course content. The large course is not for short term. ➤ Invited lectures should be in first half of the day. ➤ Lectures should be more interactive, duration of lab work should be more. ➤ There should be more workshop on latest topics. ➤ Lectures must be short & crisp. ➤ Lectures duration should be one hour. 		

Learning

<i>Questions</i>	<i>Yes</i>	<i>No</i>	
Do you get enough class projects?	12	06	
Is the learning adequate?	19	00	
Do you have sufficient resources for laboratory courses?	13	06	
What is your area of specialization	<ul style="list-style-type: none"> ➤ Production Engg. ➤ Modelling & simulation. ➤ Fluid mechanics. ➤ Materials. ➤ Mechanical Engg. ➤ Production Engg. ➤ Combustion. ➤ Modelling & simulation study. ➤ Manufacturing Sci & Tech. ➤ Machining (Production) ➤ Numerical solution of problems. ➤ CFD, Fluid, Dynamics ➤ CFD, Modelling, Simulation. ➤ Computation fluid dynamic. ➤ Refrigeration. 		
	<i>Sufficient</i>		<i>inadequate</i>
Is the library/journal support/e-connection adequate?	15	01	
	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to have common (TEQIP) repository of course material?	16	03	00
Would you like to visit IITK to attend specialized courses?	18	01	00
Would you like MOOCS/e-resources based courses?	11	05	01
How can TEQIP help improve your learning?	<ul style="list-style-type: none"> ➤ By providing more lab work facility. ➤ It is enough to learn. ➤ By providing readouts before workshop ➤ By increasing lab sessions. ➤ Give lab session & provide the software in colleges ➤ TEQIP can help me learn more about FEM and different mathematical (Numerical) methods for solid part. I need more lab work to learn the different software like hypermesh, Abcqus etc. helpful in FEM, FVM, FDM ➤ By conducting more hand-outs, lab sessions. ➤ By organizing these type of workshop regularly. ➤ Lectures on open source software. 		

Research

<i>Questions</i>	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to visit an IIT for a short visit /internship/post- doctoral stint ,if offered (via TEQIP)?	18	01	00
Would you like to share/use research infrastructure at IITK, if made available?	18	01	00
Would you like to conduct collaborative research with IITK faculty?	14	05	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	15	02	00
Do you want special-topic conferences?	16	03	00
How can TEQIP help improve your research?	<ul style="list-style-type: none"> ➤ By arranging more lab-works related to fluid mechanics problem. ➤ It may be transparent by college by side. ➤ Conducting core fundamental talk as well as hands on core area particular. ➤ Please provide us guidance by experts & facility for experiments. ➤ Software and analytical, ➤ TEQIP can organize workshop on vibration problems & solving them by different methods using computer programming. ➤ By arranging courses for FORTRAN language CFD courses & MATLAB ➤ By organizing short term courses, conferences etc. ➤ There should be more lab session regarding with latest application of FEM. ➤ Via internship & Post-Docs. ➤ Conferences on the CFD. 		

