

A TEQIP workshop on Advanced Robotics

15 – 19 March 2016

Student Feedback

Workshop

<i>Questions</i>	<i>Excellent</i>	<i>Good</i>	<i>Ordinary</i>
Clarity of communication about workshop	20	03	00
Organization of the sessions	16	07	00
Quality of lectures	17	06	00
Quality of posters	10	13	00
Effectiveness of discussions	11	11	01
Effectiveness of learning experience	15	08	00
	<i>Appropriate</i>	<i>Short</i>	<i>Long</i>
Duration of workshop	20	01	01
	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to have more such sessions?	21	01	00
Would you like e-lectures by experts on special topics?	22	00	01
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"> ➤ Material characterization, computational material science. ➤ Prosthetics & Orthotics for Human subjects ➤ SPD of metals & alloys nano science & nano engineering. ➤ Bond Graph modelling sensors & Actuators. Design & Simulation of Robotics system. ➤ Mainly related to the microcontrollers programming used in robotics. ➤ EMB/EEG based control robotics ➤ Something in computer science ➤ Severe plastic deformation, friction stir processing ➤ Parallel Robot. ➤ Image base recognition system. ➤ Modelling & control design ➤ Micromachining ➤ Mobile robots ➤ Control of flexible manipulator (position & vibration control by visual serving) ➤ Mobile robotics 		
Additional Suggestions	<ul style="list-style-type: none"> ➤ Lab sessions could be longer ➤ Increasing lab sessions. ➤ Workshop is really very knowledge enhancing and very well organized. ➤ To the electronics point of view some lectures on embedded systems. ➤ At least one lab session every day. 		

Learning

<i>Questions</i>	<i>Yes</i>	<i>No</i>	
Do you get enough class projects?	20	00	
Is the learning adequate?	21	00	
Do you have sufficient resources for laboratory courses?	15	01	
What is your area of specialization?	<ul style="list-style-type: none"> ➤ Machine design. ➤ Material Science & Engineering. ➤ Electronics/ Biomedical Engg. ➤ Material Science ➤ Automations & Ind. Robotics. ➤ Quantum, Nanotech. ➤ EMB based rehabilitation robotics. ➤ Robotics & AI, ES ➤ Computer science. ➤ Parallel manipulator ➤ Vision/image processing ➤ Instrumentation ➤ Robotics ➤ Computer vision/visual serving. ➤ Bond Graph Modelling, Mobile Robotics. ➤ Manufacturing Science & Technology. 		
	<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?	20	01	00
Would you like to visit IITK to attend specialized courses?	23	00	00
Would you like MOOCS/e-resources based courses?	13	05	00
How can TEQIP help improve your learning?	<ul style="list-style-type: none"> ➤ By performing such courses in future for quality education and configuration of such esteemed workshop in the field of Robotics. ➤ Providing these type of lecture & more lab sessions. ➤ By improving more of lab sessions. ➤ It can arrange various workshops on different topics like this. ➤ The learning can be enhanced if a provision is made to invite individual expert along with lectures by research. ➤ By workshop video lectures ➤ By having such type of workshops ➤ By allowing us to attend more & more events & by asking to generate similar work. ➤ By organizing a workshop we get exposure. ➤ Providing adequate fund to NITs. ➤ What's the going on in TEQIP, inform us frequently. 		

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)?	22	01	00
Would you like to share/use research infra- structure at IITK, if made available?	21	02	00
Would you like to conduct collaborative research with IITK faculty?	22	01	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	22	01	00
Do you want special-topic conferences?	22	01	00
How can TEQIP help improve your research?	<ul style="list-style-type: none"> ➤ By performing such events across the nation and in every institute. ➤ Conducting these types of session at out institute (NIT's) too. ➤ Conducting similar workshop in different fields of research. ➤ TEQIP can provide the various specialized faculties to students to conduct specific research. ➤ More than the workshop certain technical programmes may be organized like to be posted as technical assistant that may benefit building the practical part. ➤ Through TEQIP many talks of expert persons have been arranged so definitely, its helpful. ➤ Attending this kind of workshop enhanced our research ➤ By conducting workshops & seminar like these. It would definitely help me in my research. ➤ By providing not only facility, but providing experience of the others who are in same field form long time. ➤ By providing us knowledge through conducting workshop and seminars. ➤ By offering students with various courses. ➤ By organizing advance of level workshop on specific topic. (related to robotics) ➤ Providing more fund to NITs. ➤ It should be transparent to anyone 		

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?

Yes: 06

Maybe : 02

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) ?

Yes: 06

Maybe : 01