

TEQIP Workshop on Advanced Robotics

15 – 19 March 2016

Faculty Feedback

Workshop

<i>Questions</i>	<i>Excellent</i>	<i>Good</i>	<i>Ordinary</i>
Clarity of communication about workshop	11	01	00
Organization of the sessions	09	03	00
Quality of lectures	12	00	00
Quality of posters	03	06	00
Effectiveness of discussions	08	04	00
Effectiveness of learning experience	08	04	00
	<i>Appropriate</i>	<i>Short</i>	<i>long</i>
Duration of workshop	09	01	01
	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to have more such sessions?	10	01	00
Would you like e-lectures by experts on special topics?	10	01	00
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"> ➤ The topic to be covered the hardware of the robotics. ➤ Swarm Robotics, Algorithms for mobile agents. ➤ Artificial Intelligence ➤ Mobile agents, Swarm Robots ➤ Multi body dynamics jacobions , Image processing for robotics applications. ➤ Robot Programming Languages(software), Robot controls in detail(hardware and sotware) ➤ Humanoid Robots, Simulation tools for Robotics ➤ Parallel Manipulators 		
Additional Suggestions	<ul style="list-style-type: none"> ➤ The course should be covered 50:50 basis of hardware and software about the robotics. ➤ While selecting participants, preference should be given to researchers working in the domain. ➤ Could have arranged some hands on Robotics simulation softwares. 		

Teaching

Which subjects do you teach?	<ul style="list-style-type: none"> ➤ CAD, CAM, Kinematics. ➤ Design & Analysis of Algorithms, Graph Theory, Optimization mobile computing. ➤ Sensors & Actuators Artificial Intelligence ➤ Networking & distributed systems. ➤ Computer Science ➤ CALDAM, Robotics, Machine Design ➤ Cyber Security. ➤ Industrial Robotics, Artificial Intelligence, Robotics & m/c vision ➤ Robotic Engg. Machine Desing. ➤ Discrete Mathematics. ➤ Distributed Systems & Parallel computing, Cryptography, robotics, Unix/Linux. ➤ Mech. Measurements & signal Processing Solid Mechanics Design. 			
What is average student to teacher ratio in your institute?	<ul style="list-style-type: none"> ➤ 10:01 ➤ 08:01 ➤ 10:01 ➤ 30:01 ➤ 20:01 ➤ 20:01 ➤ 15:01 ➤ 20:01 ➤ 12:01 			
Questions	YES		NO	
Do you have additional support for teaching (tutors, graders, teaching Assistants, etc)?	06		05	
Do you give class projects for UG classes?	09		02	
Do you give class projects for PG classes?	09		02	
Do you have sufficient resources for laboratory courses?	07		05	
	Sufficient		Inadequate	
Is the library/journal/e-connection support adequate?	09		03	
	Definitely	May be	No	
Would you like to have common (TEQIP) repository of course material?	12	00	00	
Would you like to visit IITK to participate in and develop course material (existing or new)	09	03	00	
Would you like to participate in creation of the repository material (course files/lab. Manuals/question bank/etc)	08	04	00	
	e-courses	Workshops	Content	none

How can IITK effectively help you prepare for teaching?	05	09	03	00
How can TEQIP help improve your teaching?	<ul style="list-style-type: none"> ➤ By organizing workshops/PG students & teachers & short term courses for UG students. ➤ Conducting workshops. ➤ Attending such courses will definitely help us in reorienting our teaching and also generate ideas for project work. The networking with people will also improve our domain. ➤ Access to e-library, e-journals, experimental facilities of IITK can be provided by some means. ➤ By providing e-courses and by organizing workshops. 			

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)?	09	03	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?	11	01	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	12	00	00
Do you want special-topic conferences?	06	04	00
How can TEQIP help improve your research?	<ul style="list-style-type: none"> ➤ Providing supports for attending conferences to present papers or attending the conferences. ➤ Got the scope to know about the research challenges and open problem. ➤ Such programs give us the opportunity to meet with people working in our area of interest and to know first hand information about the research and developments related to area of interests. ➤ By organizing such workshops. ➤ Organize events for of the art research areas and research happening around the world and access to all e-resources of IIT's to TEQIP Institutions. ➤ Conducting workshops and e-lectures. ➤ By allocating small funds to the researchers for their small projects in robotics. ➤ 		

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?

Ans: 9 candidates says yes.

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) ?

Ans: 10 candidates says yes.