

TEQIP Workshop on Control Techniques and Applications

19-23 September 2016

Faculty Feedback

Workshop

<i>Questions</i>	<i>Excellent</i>	<i>Good</i>	<i>Ordinary</i>
Clarity of communication about workshop	05	02	00
Organization of the sessions	05	02	00
Quality of lectures	06	01	00
Effectiveness of discussions	04	03	00
Effectiveness of learning experience	05	02	00
	<i>Appropriate</i>	<i>Short</i>	<i>long</i>
Duration of workshop	03	04	00
	<i>Definitely</i>	<i>Maybe</i>	<i>No</i>
Would you like to have more such sessions?	05	01	01
Would you like e-lectures by experts on special topics?	04	02	01
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"> • Optimal control, intelligent control, model predictive control, optimization techniques. • Fuzzy control, automatic automobile control. • MARC, MPC 		
Additional Suggestions	<ul style="list-style-type: none"> • Totally theoretical based course, so requires some hands on experience. • Hands on sessions could have improved the quality of the workshop. All the lecture sessions were mostly theoretical except some demo videos. • Food variations were desirable. • Some hands on session should introduce (at least 1-2 hrs/day) helpful to me to learn how advance control system do work. • Variations of food. • Sliding mode controller, Flat Output, Neural Controllers. • Some hands on are required to go into insight of the topic. 		

Teaching

Which subjects do you teach?	<ul style="list-style-type: none"> • Process instrumentation and control • Microprocessor & microcontroller, Digital Electronics, Elementary & Remote Control, Soft Computing. • Microprocessors, Control Theory, Circuit Communication Theory. • Control System • Robotics, Machine Vision, Automation, Artificial Intelligence. • Process Control & Instrumentation. 			
What is average student to teacher ratio in your institute?	<ul style="list-style-type: none"> • 10:01 • 20:01 • 17:01 • 15:01 			
Questions	YES	NO		
Do you have additional support for teaching (tutors, graders, teaching Assistants, etc)?	06	01		
Do you give class projects for UG classes?	07	00		
Do you give class projects for PG classes?	05	01		
Do you have sufficient resources for laboratory courses?	05	02		
	Sufficient	Inadequate		
Is the library/journal/e-connection support adequate?	07	00		
	Definitely	May be	No	
Would you like to have common (TEQIP) repository of course material?	06	01	00	
Would you like to visit IITK to participate in and develop course material (existing or new)	05	02	00	
Would you like to participate in creation of the repository material (course files/lab. Manuals/question	05	02	00	
	e-courses	Workshops	Content	none
How can IITK effectively help you prepare for teaching?	04	04	02	

How can TEQIP help improve your teaching?	<ul style="list-style-type: none"> • By adopting different teaching style • More workshops and short term courses can be arranged to get to know about the modern sensing & control techniques. • To learn more advance topic to improve quality of teaching himself and helpful to our students. • By conducting more. • The style and method of lectures under TEQIP workshop is useful to me in improving the teaching method.
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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 (via TEQIP)?	06	00	00
Would you like to share/use research in fra-structure at IITK, if made available?	06	00	00
Would you like to conduct collaborative research with IITK?	05	01	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	06	00	00
Do you want special-topic conferences?	05	01	00
How can TEQIP help improve your research?	<ul style="list-style-type: none"> • Learning advanced version & different topic and recent research work. • Research grants may be given for aspiring short term projects. • Visit to eminent research lab may be arranged to bridge the gap in research. • Industries which focus on modern sensing & control techniques, visit to there is also required where we will get to know the requirement of the moment. • By giving these opportunities here. • Obviously the topic of lecture session has diversified the outline of future research can be diverted. 		