

Workshop for Computer Science Teachers

Summary of Faculty Feedback

Knowledge Incubation for TEQIP

14-16/07/2014

Workshop session

Questions	Excellent	Good	Ordinary
Clarity of communication about workshop	12	09	03
Organization of the sessions	13	11	00
Quality of lectures	14	10	00
Effectiveness of discussions	10	13	01
Effectiveness of learning experience	07	16	01
	Appropriate	Short	long
Duration of workshopss	02	22	00
	Definitely	Maybe	No
Would you like to have more such sessions?	18	06	00
Would you like e-lectures by experts on special	20	04	00
Suggest specific topic that you would like additional expert lectures on	<ul style="list-style-type: none"> •Software Engineering, DBMS •Artificial Intelligence, Networking •Basic/fundamental courses of computer science. •Detailed workshop on Math for Computer Science. •Fuzzy logic. •Fractional Image Compression. •AI, Image Compression. •Computer Organization and Architecture. •Cryptography. •Cloud Computing. •Wired/Wireless Computer Networks\ •Realty on proving correctness of algorithms and Data Structures. •Advance topics in algorithms and data structures. •Machine Intelligence, Soft Computing. •Image Processing. •Data Structure. •Computer Organization, Computer Graphics. •Theory of Computation , Algorithms. 		

Additional Suggestions

- Rather than having many courses workshop can be on specific course for a week which will be helpful to faculties from different interests.
- Workshop duration should be at least a week.
- Duration of workshop should be more(one week or two week).
- Less number of subjects, but complete
- Workshop should be based on topics, not subject based.
- There should be some handouts of the topic.

Teaching

<p>Which subjects do you teach?</p>	<ul style="list-style-type: none"> •Software Engineering, Data Structure •Operating system, OOAD, Data Analytics •Discrete Mathematics, Theory of Computation. •AI, TOC, DAA •Network Security, Computer Network. •Cloud Computing, Computer Network •Discrete Math, Theory of Computation •C, Computer Organization and Architecture •Computer Programming •Algorithm, Shell Programming, Data Structure •DIP, Computer Graphics •AI, CAO, C •DS, Operating system and fundamentals of computer. •TOC •Discrete Mathematics TOC •Computer Networks, DBMS •Compiler Algorithms •Network Security & Cryptography •C, DS, Programming. •Artificial Intelligence, Object Oriented System •Digital and Logic Design, DIP •Principle of Programming Language, C •Computer Organization, DS •DS, Algorithms
<p>What is average student to teacher ratio in your institute?</p>	<p>18:1 15:1 15:1 15:1 20:1 15:1 90:1 90:1 18:1 20:1 50:1 20:1 60:1 12:1 25:1 15:1 09:1 15:1 18:1</p>

Questions	YES	NO		
Do you have additional support for teaching (tutors, graders, teaching Assisttants, etc)?	09	12		
Do you give class projects for UG classes?	21	03		
Do you give class projects for PG classes?	16	08		
Do you have sufficient resources for laboratory courses?	16	08		
	Sufficient	Inadequate		
Is the library/journal/e-connection support adequate?	10	12		
	Definitely	May be	No	
Would you like to have common (TEQIP) repository of course material?	20	02	00	
Would you like to visit IITK to participate in and develop course material (existing or new)	22	02	00	
Would you like to participate in creation of the repository material (course files/lab. Manuals/question bank/etc)	19	05	00	
	e-courses	Workshops	Content	none
How can IITK effectively help you prepare for teaching?	11	18	11	00
How can TEQIP help improve your teaching?	<ul style="list-style-type: none"> •By organizing more workshop. •To impart better teaching for our students, such as motivating to a particular topic for study. •Courses, Subject contents, and the semester in which subject is included should be common to all TEQIP Institute and regular workshop for teaching improvement, assignment, exam paper, and evaluation method. •By providing the help in course content to faculty member. •By providing exposure interaction with good faculties like at IITs. •Provide funds to organize workshop. •To conduct faculty development programme. •In depth knowledge of subject; advance topics, current trends in research. •Give some knowledge of some very difficult topics. •Via workshop and seminars. •Organizing more workshops with specific fields separately. •By conducting subject special workshops. •By conducting workshops, e content, online courses, expert lectures. •Through interactive teaching and discussion. •Through workshops, faculty exchange programme. 			

Research

Questions	Definitely	Maybe	No
Would you like to visit an IIT for a visiting-faculty/post-doctoral fellow ,if offered(via TEQIP)?	14	09	01
Would you like to share/use research infrastructure at IITK, if made available?	22	02	00
Would you like to conduct collaborative research with IITK?	18	06	00
Would you like lectures by experts (Indian and international) on niche research areas/topics?	21	03	00
Do you want special-topic conferences?	19	05	00

How can TEQIP help improve your research?

- By sharing knowledge, it really helps to improve research.
- Industry interaction: by providing an interface.
- By financing the research in area of interest of person specific.
- To share research area of IITK and involve faculty from different institute in the collaborative research.
- By providing the collaborative research with different institute.
- By interaction with researchers at top institutes like IITs and utilizing the research infra-structure.
- Sometimes by supporting us financially now a days conference fees are really high. So if TEQIP can help us in this control it would be great.
- Provide funds to organize workshop.
- To provide financial support to visit conference/conference.
- Data repository; international journalist and conference papers, books, research grants, projects.
- It helps to gain new idea of research.
- By organizing conference, workshop e-lectures etc.
- Extra guide related to his field.
- By conducting workshop in my research area.
- By allowing us to come and work with the IITK faculty members for some time.
- By providing us with access to journals exchange of faculty, collaborative research with.
- Getting new projects.
- Developing skill to teaching and learning.
- By facilitating collaborative research projects between my institute and IITs
- Workshops on research topics.