

**JIS College of Engineering**  
A Report  
on  
**Quality Enhancement in Engineering Education(QEEE)**  
Session( Jan-Apr and Aug-Nov 2017)

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Quality Enhancement in Engineering Education(QEEE) program conducted by IIT Madras is a real time and synchronous technology integration of superior external scholastic inputs into current pedagogical practices. One of the important concern area of the program is to deliver well developed content by the IIT faculty to the students of engineering colleges. There are four modules in this program viz. Live Class, Coursepack, Live Labs, Bridge Programs. The details are given below: .

➤ **Live Class:**

IIT faculty deliver live lecture classes to participating colleges. The schedule of lectures are sent to colleges priorly and notifications are provided before start of each session.

➤ **Coursepack:**

A supplement study material with lecture notes, live class videos, discussion forums, assessment and evaluation tools to serve as a reference material for QEEE courses.

➤ **Live Labs:**

To provide virtual hands-on experience to students on experiments undertaken remotely. It creates an opportunity to work on a real lab experiment tailored to suit their syllabus and curriculum.

➤ **Bridge Programs:**

To bridge the gap between the initial skills of individuals and what they need to enter and succeed in postsecondary education and career-path employment.

JIS College of Engineering is taking part as an active participant from the very inception of this program started from 2014(Jan-Apr Session). Students from various departments opt their respective courses under the guidance of Local faculties. The Evaluation components are given below:

➤ **Quiz**

Auto Evaluated Multiple Choice Questions.

➤ **Assignments**

A set of problems which are to be worked out by students and evaluated by the local faculty.

➤ **Proctored Exam**

At the end of the topic, a proctored quiz is conducted. This quiz is auto evaluated comprising of multiple choice and short answer (fill blanks) questions, about 10-20 questions covering the entire topic taught. The results of this quiz are captured and students performance in the topic is assessed.

On successful completion of the evaluation process the students are able to get the certificates issued by IIT Madras which acts as a value addition in their curriculum vitae.

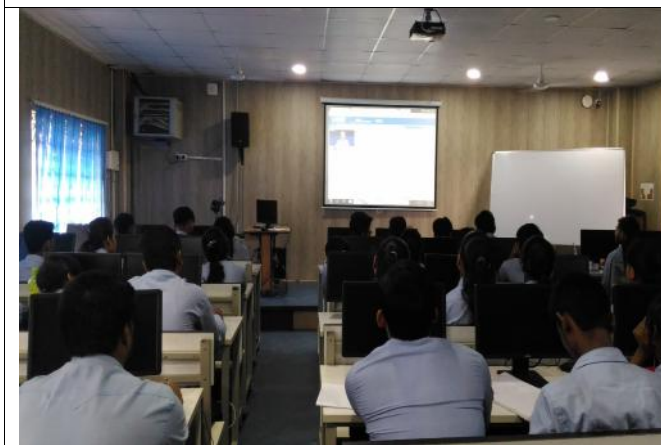
The courses conducted from Jan to November 2017 are given below:

<b>Session(Jan to Apr 2017)</b>					
<b>Sl</b>	<b>Course Name</b>	<b>Dept</b>	<b>Local Faculty</b>	<b># Students enrolled</b>	<b>Conduction Date</b>
1	Software Process and Management	CSE/IT	Mrs Sonali Bhattacharyya	50	24/01/ 2017, 25/01/ 2017 27/01/ 2017
2	Routing Algorithms - Computer Network	CSE	Mr Soumyabrata Saha	61	16/02/2017, 17/02/2017, 10/03/2017




The courses conducted from Aug to November 2017 are given below:

<b>Session(Aug to Nov 2017)</b>						
<b>Sl</b>	<b>Course Name</b>	<b>Department</b>	<b>Local Faculty</b>	<b>Students enrolled</b>	<b>Task Performed</b>	<b>Conduction Dates</b>
1	Programing Style-programming and Data Structure	IT/CSE	Madhusmita Mishra & Apurba Paul	61	Live classes, Quiz1, Quiz2, Proctored Quiz. Assignment1,Assignment2, Proctored Assignment.	17-8-2017 22-8-2017 24-8- 2017
2	Memory and IO-Advanced Computer Architecture	CSE	Madhuchhanda Dasgupta & Sumanta Chatterjee	61	Proctored Quiz , Proctored Assignment	31-8-2017 7-9-2017 14-9-2017
3	Baseband Communication-Digital Communication Techniques	ECE	Anirban Ghosal	61	Live classes, Proctored Quiz , Proctored Assignment	12-9-2017 13-9-2017 14-9-2017
4	Induction Machines: Theory-Electrical Machines	EE	Suparna Pal & Basudeb Dey	63	Live classes, Quiz1,Quiz2, Proctored Quiz , Proctored Assignment	18-9-2017 21-9-2017 22-9-2017
5	Design with OPAMP - Linear Integrated Circuits	EE	Suparna Pal	49	Live classes, Proctored Quiz. Proctored Assignment	25-10-2017 27-10-2017 31-10-2017

Some pictures (QEEE 2017program)



## Sample Certificates

 <b>MHRD</b> Govt. of India	<b>QUALITY ENHANCEMENT IN ENGINEERING EDUCATION (QEEE)</b>	 <b>QEEE</b> <small>Quality Enhancement in Engineering Education</small>
<p>This is to certify that <b>ADIT JANA</b> has <b>excelled</b> in the module <b>Memory and IO</b> of the course <b>Advanced Computer Architecture</b> delivered by <b>Prof. Venkatesh TG, IIT Madras</b> through the QEEE program held in Aug-Nov 2017.</p>		
A program conducted by IITM under the auspices of MHRD	 _____ Chairperson, QEEE Dr. Ashok Jhunjunwala Professor, IIT Madras	



**QUALITY ENHANCEMENT IN ENGINEERING EDUCATION  
(QEEE)**



This is to certify that  
**ALI SHIRAZ AKHTER**  
has **excelled** in the module  
**Programming Style**  
of the course **Programming and Data Structures**  
delivered by **Prof.Rajib Mall, IIT Kharagpur**  
through the QEEE program held in Aug-Nov 2017.

Chairperson, QEEE  
Dr.Ashok Jhunjunwala Professor, IIT Madras