



About QEEE:

Quality Enhancement in Engineering Education (QEEE) program sponsored by MHRD, Government of INDIA through IIT – Madras under the chairmanship of Professor Ashok Jhunjhunwala.

The Committee for Reforms in Technical Education under the chairmanship of Professor Ashok Jhunjhunwala, IIT Madras, has been constituted by the Ministry of Human Resources and Development (MHRD) with a mandate to bring about comprehensive reforms in technical education to enhance the quality of Indian engineering education and bridge the quantity-quality gap. This pilot project is designed to improve the quality of education delivered to students by making available high quality pedagogical resources to all students through technology – Direct to Student Program and empowering teachers/educators. QEEE is Direct to Students interactive program with IIT Professors of concerned area, who were rated best by IIT students for the last three years

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) started participating in this Pilot program from the second phase. Many of our students and faculty got benefited with this program.

Modules:

QEEE is Direct to Student interactive program with an aim to integrate superior external scholastic inputs into current learning and pedagogical practices. The program consists of five modules planned to be delivered through an educational platform (software/hardware) developed for this purpose.

These modules are:

Live Lectures: Live classes are Direct to Student interactive program with IIT Professor. Students who have registered for the course have direct interaction with course instructor from IIT classroom.

Course pack: 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.

Evaluation: Evaluation of students will be done based on are of three components

- **Quiz:** Auto Evaluated Multiple Choice Questions.
- **Assignment:** 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 in assessed.

Number of students Benefited till Phase – V (January 2016 – April 2016)

Phase	Duration of Phase	Subjects registered	Students regiostered
II	August 2014 – October 2014	7	250
III	January 2015 – April 2015	5	174
IV	June 2015 – November 2015	5	176
V	January 2016 – April 2016	5	170

GRIET QEEE Team:

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