

## QEEE @ TOCE

Quality Enhancement in Engineering Education (QEEE) is a program funded by MHRD (Ministry of Human Resource and Development) with an objective to enhance the quality of technical education in Under Graduate courses (Bachelors) of Engineering Colleges all over India (outside the IITs and the NITs). A committee under the chairmanship of Prof. Ashok Jhunjunwala has been constituted. The committee is focused on investigating and piloting programs that enhance the quality of education by providing high quality content and use technology to reach both students and faculty. As part of the execution strategy, the first one designed is a program directed at students with an aim to integrate superior external scholastic inputs into current learning and pedagogical practices (The Direct – to – student Program). Five modules are planned under these:

**Live Classes** – Live lectures delivered by IIT Faculty and projected in remote classrooms to all students

**Tutorials** – Enable tutorials by IIT Faculty, supervised by local instructors, provide more engaging experience to students via Live Chat/Video/White board

**Virtual Labs** – Labs in virtual environment to provide practical learning experience to students and run locally at institutes at designated times

**Bridge Programs** – Courses for students to bridge the gaps and enhance their all round development towards employability

**MOOCs(Massively Open Online Courses)** - Subject-wise Recommended MOOCs from multiple providers

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The Oxford College of Engineering, Bangalore is one among the 100 colleges in the country to be chosen to be a part of this pilot program. Although our college is a private self financing, non-TEQIP aided, we have chosen to take part in this initiative so as to expose our students to the latest technology and pedagogical methodologies.

We have subscribed to 11 Live Classes: Computer Org. & Arch, Electromagnetic Fields, Wireless Communication, Engineering Mechanics, Engineering Fluid Mechanics, Geotechnical Analysis, Engineering Thermodynamics, Probability and Statistics, Linear Algebra, Operating systems and Heat Transfer, tutorial for Computer Org. & Arch and two live labs: Digital Signal Processing Lab, Electrical Machines Lab.

The live classes are conducted every Monday-Friday, between 8:00 am – 1:00 pm. The live classes commenced on 27th Jan 2014. In the state of the art seminar hall in the 5<sup>th</sup> floor

We are also enrolled for the MOOC's certification course for Analysis and Design of algorithms offered by Microsoft.

