# One-Day Workshop on
# - "Introduction to Scientific Computing using Python (ISCP)"

The FOSSEE (Free and Open Source Software in Education) IIT project is part of the National Mission on Education through Information and Communication Technology (ICT), Ministry of Human Resources and Development, Government of India. FOSSEE project promotes the use of FOSS tools to improve the quality of education in our country. It aims to reduce dependency on proprietary software in educational institutions. Encourages the use of FOSS tools through various activities to ensure commercial software is being replaced by equivalent FOSS tools. It is helpful to develop new FOSS tools and upgrade existing tools to meet requirements in academia and research.

We as an Department of Information Technology organised a remote live assisted 1-Day workshop on "Introduction to Scientific Computing using Python (ISCP)" on 10th August 2017 for the students of Third Year (TE). It was a full day workshop starting at 9:00 a.m. and ending at 6:00 p.m. FOSSEE team has developed an Open Source Python-Django based web application to conduct online programming as well as MCQ based quizzes. It is an online solution to test the practical skills of students in various programming platforms like Python, C, C++, Java, Scilab & Bash. All resource materials were shared with the institute prior to the workshop. The video lectures for workshop were downloaded and broadcasted in the room where the participants were seated. FOSSEE support personnel were available on chat during the workshop providing live technical assistance . All Q&A sessions were answered by the FOSSEE team remotely. Quizzes were conducted using the Yaksh online test platform maintained by FOSSEE, IIT Bombay. The test activity was also monitored live through webcam and on a video portal. FOSSEE team had issued certificates to all passing candidates as per marks secured in the quizzes.

**Faculty Co-ordinator**                                      **HOD (INFT)**

Prof. Dimple Bafna                                             Prof. Nileema Pathak

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