A NAAC Accredited Institution

KINGS
COLLEGE OF ENGINEERING
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Affiliated to Anna University, Chennai

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IQAC

7.05.2020

REPORT ON FACULTY DEVELOPMENT PROGRAMME
ORGANIZED IN ASSOCIATION WITH IITB

IQAC in association with IIT, Bombay is **organized Faculty Development Programme for our faculty members**. All faculty members attended the course on the scheduled days. **1 common course and 1 department specific course was chosen for this Summer FDP.**

FDP titles & Objective

Date	Course	Course Objective	Branch(es) & number of participants
29.04.20	Latex-Workshop	Open source software that helps in preparing paper for publication with notations, plots etc.	All branch faculties(78)
04.05.20	e-Sim	Open source EDA tool for circuit design, simulation, analysis and PCB design	ECE,EEE Faculties (18+9)
	R	Open-source language for analytics and data science	CSE faculties(12)
	OpenFoam	Open source/ free CFD (Computational Fluid Dynamics) software available for solving and analyzing problems and to create a real world fluid flow movie. Open source equivalent to FLUENT. Widely used in Academics and is gaining popularity in Industry as well- Companies including AUDI, Tata Steel, Volkswagen, and Govt. agencies like BARC	CIVIL & MECH faculties (11+15)
	Applications of GeoGebra	Interactive Geometry, Algebra and Calculus application for Research Scholars.	Maths faculties (9)
	ExpEYES	Experiments for Young Engineers and Scientists. It is used to perform basic Physics and Electronics experiments.	Physics faculties (2)
	Jmol Application	To create 3D chemical, crystal and biomolecules structures. Very useful to teach and learn abstract chemistry concepts.	Chemistry faculties (2)

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING – "OPEN FOAM" ONLINE WORKSHOP SESSION 04.05.2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(29.04.20)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP ON "R" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(04.05.20)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LATEX spoken tutorial workshop on 29-04-2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

eSim online spoken tutorial workshop on 04-05-2020

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL,
IITB(29.04.20)

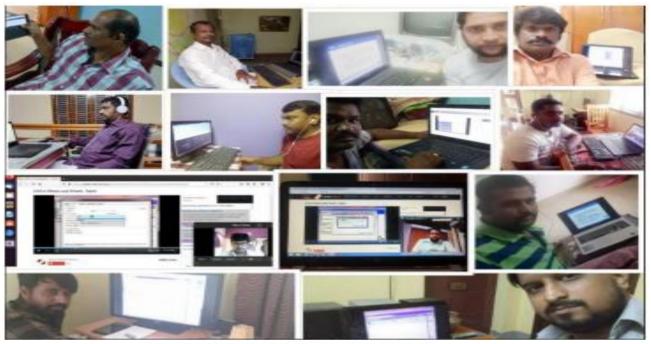**FDP ON "e-SIM" IN ASSOCIATION WITH SPOKEN TUTORIAL,**
IITB(04.05.20)

DEPARTMENT OF MECHANICAL ENGINEERING
FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(29.04.20)

DEPARTMENT OF MECHANICAL ENGINEERING
FDP ON "OPENFOAM" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(4.05.20)