REPORT

SCILAB: An open source software for academics and research

Department of Computer Science & Engineering, Amity School of Engineering and Technology, organized a Faculty Development Programme (FDP) on "SCILAB: An open source software for academics and research" on **12th July 2016.**

The FDP was organized in associated with The Spoken Tutorial project of MHRD, Govt. of India run by IIT Bombay; which is about teaching and learning a particular FOSS (Free and Open Source Software) via an easy audio-visual tool.

The FDP aimed at stimulating discussions on various research applications and new directions in the field of SCILAB which is an open source software, very useful for modeling, computing and simulation purposes. It could also be useful in data analysis and applied numerical work in both research and teaching.

The workshop incorporated topics like SCILAB : Introduction, Vector Operations, Matrix Operations, Scripts and Functions, Conditional Branching, Iteration, Plotting 2D graphs, XCOS Introduction, File handling, User Defined Input and Output, Integration, Solving Nonlinear Equations, Linear equations Gaussian Methods, Linear equations Iterative Methods, Interpolation, ODE Euler methods, Control systems, Discrete systems, Calling User Defined Functions in XCOS

The day's proceedings commenced with the inaugural session at 10:00 a.m., Seminar Hall Ground Floor, ASET Block. Prof. (Dr.) D. D. Shukla, Director ASET and Convener of the FDP welcomed the participants through his address. Dr. A. K. Dua, Dy. Director ASET and Co-Convener of the FDP expressed through his address the need for conducting such FDPs, followed by the address of Prof. H. S. Sharma, HOD Civil. Mr. Anil Saroliya, The coordinator of the FDP briefed about the Spoken Tutorial Project of MHRD and explained the basics about SCILAB through his presentation. The training was conducted through a 2 hour FDP in computer labs.

The day concluded with the valedictory session where the participation certificates were distributed to the participants. 47 participants from ASET and AIIT participated in the FDP.

The conduction of FDP was coordinated by Mr.Anil Saroliya, Mrs.Preeti Gupta, Mr.Sanjay Jain, Mr.Jitendra Rajpurohit from the Department of Computer Science & Engineering, ASET.

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Amity University Rajasthan
IIT Bombay
Faculty Development Program
Scilab
12th July, 2016
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National Mission on Education through ICT, MHRD, Govt. of India
http://spoken-tutorial.org
Seminar Hall

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