

## Workshop on Python Programming at Rajalakshmi Engineering College



A three day workshop on Python Programming was organized by the Student Branches of IEEE, IEEE Computer Society & Computer Society of India of Rajalakshmi Engineering College (REC), Chennai during 20-22, Dec 2010. The workshop was supported by IEEE Madras Section and IEEE Computer Society, Madras Chapter.

Python is an open source, high-level and powerful programming language that is well suited for scientific computing. The aim of the workshop was to provide training to the students on the use and benefits of Open Source Software and the following aspects of Python Programming was covered:

- Introduction to Python programming
- Control structures
- Functions & Modules
- File Handling, Matrix & Arrays
- Scientific Tools & Applications

The workshop started with welcome address by Dr. S. Renganarayanan, Principal, REC. The introductory talk about the workshop was given by Dr. Sheila Anand, Executive Committee Member, IEEE Madras Section & Treasurer, IEEE Computer Society, Madras Chapter. The workshop comprised of lectures interleaved with hands-on training.

The workshop was conducted by members from the Indian Linux User Group, Chennai and the resource persons were:

- Mr. T. Shrinivasan, Collabnet Inc., Coordinator, Indian Linux User Group, Chennai
- Mr. B. Sriram Collabnet Inc.
- Mr. B. Swaminathan, REC
- Mr. Benedict Jayaprakash Nicholas, REC
- Mr. M. Anand Raj, REC

The workshop was well attended and 35 students from various engineering colleges and universities from TamilNadu participated in the workshop. The Chennai college participants were from Aarupadai veedu Institute of Technology, Bharath University, Jaya Engineering College, Jeppiaar Engineering College, Rajalakshmi Engineering College, Rajalakshmi Institute of Technology, Sri Sai Ram Engineering College, SSN College and Vels University and Muthayammal Engineering College, Namakkal.

The workshop received an excellent feedback from the participants and they had appreciated the method of delivery, model programs and the hands-on exercise. The participants were provided with course material and other reading material in a DVD. Mr. Rahul Sundaram, Red Hat India Pvt. Ltd. provided Fedora -14 Linux DVD to all participants.

The valedictory address was delivered by Prof P Kumar, Secretary, CSI, Chennai Chapter and Prof M. Palanivel, IEEE Student Branch, REC handed over the certificates to the participants for their successful completion of the workshop.