

# **Workshop on Scilab & LaTeX**

**February 25-27, 2010**

**Organised by**

**Department of Computer Applications  
Union Christian College, Aluva**

**Sponsored by**

**National Mission on Education through ICT**

**In Association with**

**IIT Bombay**

**SPACE, Trivandrum**

**Bhaskaracharya Prathisthana Insitiute, Pune**

**Online Registration : Website**

**<http://c11.space-kerala.org/fsc>**

## **Workshop Theme**

The workshop will consist of lectures and hands-on sessions in LaTeX and Scilab. LaTeX is a document preparation system that can produce good-looking documents without much difficulty, especially technical documents that contain equations. LaTeX is essential to prepare neat documents containing mathematical equations. A number of journals prefer papers to be submitted in LaTeX and several universities require theses to be made using LaTeX.

Scilab is a software package for numerical computations providing a powerful open computing environment for engineering and scientific applications. Designed with compatibility to Matlab in mind, most scripts written for Matlab can be run directly in Scilab. Scilab includes hundreds of mathematical functions with the possibility to add programs interactively from various languages such as C, C++ and Fortran. It has sophisticated data structures (including lists, polynomials, rational functions, linear systems, and so on), an interpreter and a high level programming language.

## **Target Audience & Registration Process**

Registrations are restricted to Science, Engineering and IT faculties from Colleges/ Universities / Centres for Higher Education. The registration fee for 3 day workshop is **Rs.250/-** [Without Accommodation] and **Rs.450/-** [With accommodation]. The registration fees includes Workshop Kit, Working Lunch and refreshments. Registration can be done by taking DD/Cheque in favor of **The Principal, UC College, Aluva and send the same to: Mr. Bruce Mathew, Sr. Lecturer, MCA Department, U C College, Aluva 683102. Online Registration can be done through our website <http://c11.space-kerala.org/fsc>**

## **Organisers**

**U C College** : Union Christian College, established in 1921, is a premier educational institution in Kerala imparting quality higher education. The college has made significant contributions over several decades in providing to the society and industry talented and dedicated individuals who have strived untiringly for the national objectives of peace, freedom and prosperity.

**FOSEE Project IIT Bombay** : IIT Bombay was established in 1958, at Powai, Mumbai. Today the Institute is recognised as one of the centres of academic excellence in the country. Over the years, there has been dynamic progress at IIT Bombay in all academic and research activities, and a parallel improvement in facilities and infrastructure, to keep it on par with the best institutions in the world. Institutes in positions of excellence grow with time. The FOSSEE project enables the students and faculty of Science and Engineering colleges, institutes and universities across India to use Open source Software tools for all their computational needs, thereby improving the quality of instruction and learning.

**Bhaskaracharya Pratishthana Institute** : Bhaskaracharya Pratishthana is a Pune based Institute founded in 1976 by the world famous Indian Mathematician Prof. Shreeram Abhyankar for conducting research in Higher Mathematics. The Pratishthana publishes Bona Mathematica, a pedagogical journal in Mathematics for college/university students and teachers. Besides this regular activity the Pratishthana holds annual / bi-ennial conferences/Workshops in some research areas in higher mathematics attended by Indian/Foreign scholars and Professors.

**SPACE, Trivandrum** : SPACE, the Society for Promotion of Alternative Computing and Employment is an initiative of a community of software professionals and technologists aspiring to build a novel IT industry that is creative and socially relevant. SPACE envisages to bring the benefits of Information and Communication Technologies (ICT) to a larger section of society by promoting employment and development through FOSS.

## **Last Date for Registration : Feb 15, 2010**

### **For any Clarifications : Contact**

Mr. Bruce Mathew, Senior Faculty, MCA Dept., Union christian College , Alwaye-Kerala.

Ph: +91-9447209932 Office : 04842603533 Email Id : [bruemathew@gmail.com](mailto:bruemathew@gmail.com).