

Organized by: **FSMI**
Hosted by: **Swecha**
Knowledge Partner: **TalentSprint**

About FSMI:

Free Software Movement of India (FSMI) is a not-for-profit organisation which is a national coalition of various regional and sectoral free software movements operating in different parts of India. FSMI was formed at the National Free Software Conference - 2010 held in Bangalore in 20–21 March 2010. FSMI is a Pan-India level initiative to propagate the idea of free software and popularize the usage of free software. One of the aims of FSMI is to take Free Software and its potential to all classes of computer users including academia, researchers and technologists, and to cater to the demands of Indian society across the digital divide.

<http://www.fsmi.in>

About Swecha:

Swecha is a not-for-profit organization in Andhra Pradesh that has evolved as an organisation of researchers from industry, academia and users of computers who respect computing in freedom. Swecha OS is a working example that provides a computing solution to a population that understands only Telugu there by work in bridging the gap between the computer technology that exists predominantly in English and the Telugu-speaking community of India. The journey so far has been one of the most exciting stories in the history of the Free Software Movement around the world.

<http://www.swecha.org>

National Convention for Academics and Research

With the increased penetration of the computing tools and techniques into modern science and technology, education and technological research are faced with the challenges of not just teaching the conceptual models of S&T but also equip, train and enable students, researchers and industrial work force to handle these in the furtherance of their goals and objectives. An important challenge to this happens to be the ready availability of such tools, ability to study and modify them suitably to the evolving scientific and technological tempers at both individual and institutional levels. Towards fostering this scientific and research temper, enabling and empowering the individuals, **Free Software Movement of India (FSMI)** is organizing the First **National Convention for Academics and Research (NCAR-2010)** for spreading awareness of Free/Libre and Open Source Software (FOSS / FLOSS), provide for a platform for sharing of experiences and views in its use in Academia/Research communities and to foster a collaborate approach to education in developing and improving educational aids including software tools.

The convention will focus on a wide range of topics through dedicated track sessions on academic and research areas like scientific computing and visualization to Indian Language technologies and application specific domains of Mobile, GIS and the like. In addition, it will also host demonstrations, exhibitions, and tutorial sessions for providing hands-on training.

Free Software Movement of India

organizes

National Convention for Academics and Research NCAR -2010

**“Computing Freedom In
Education, Research and
Technology”**

**Science, Technology, Engineering
& Mathematics**

Inaugurated by

H.E Dr. A.P.J Abdul Kalam
Former President of India

16th -18th December, 2010

Hyderabad

<http://ncar2010.fsmi.in>

Parallel Sessions during the Convention:

Session Title	Session Coordinator(s)
FOSS in VLSI and Embedded technologies	Prof. Shankar Prof. Pratap Reddy, JNTU Hyderabad
Geospatial technologies (GIS, Remote Sensing)	Dr. PS Roy , IIRS, NRSC/ISRO, Dehradun
Environmental Simulation and Modelling	Prof. TV Ramachandra, IISc, Bangalore
FOSS in Bioinformatics and Open Source Biology	Prof. Ashoke Ranjan Thakur, West Bengal State University
Mobile Applications: Programming for areas such as health, pollution monitoring	Prof. K. Gopinath, IISc, Bangalore
Scientific computing	Prof. Harjinder Singh, IIIT Hyderabad
Scientific visualization	Prof. K S Rajan, IIIT Hyderabad
Grid computing	Prof. Nandini Mukerjee, Jadavpur University, Kolkata
R and its uses in Scientific Analysis	Dr. Rahul Roy, ISI, New Delhi
FOSS in Networking and Security	Dr. Kishore Kothapalli and Dr. Srinathan, IIIT Hyderabad
Technical aspects of Indic computing	Mr. Kiran Chandra, FSMI & Swecha
Natural Language Processing and Machine Translation	Prof. Rajeev Sangal, IIIT Hyderabad

And Many More. Altogether, 26 sessions will be held. Full details on <http://ncar2010.fsmi.in>

Tutorial Sessions:

Full-day hands on tutorial sessions will be held on 16th December on various Free Software tools:

Moodle, R, Octave for Image and Signal Processing, VLSI & Embedded Systems, Drupal, Geographic Information Systems (GIS), Software Carpentry, GNU/Linux Distribution development, Scripting Tools etc.

Please note that you need to additionally register for the Tutorial of your interest and seats are available on First come First serve basis.

Visit <http://ncar2010.fsmi.in/tutorials> for full list and details of tutorial sessions.

Important Dates

Tutorials : 16th Dec 2010
Convention : 17th-18th Dec 2010

Registration:

For Main Conference [17th and 18th Dec]

Early Bird (before 8th Dec) Rs. 500/-
Last Date (before 15th Dec) Rs. 750/-
Spot Registration Rs. 1000/-

For Tutorials Sessions [16th December]

Early Bird (before 1st Dec) Rs. 2500/-
Last Date (before 15th Dec) Rs. 3000/-

Venue:

The convention will be held in **Hyderabad**, the pearl city of India and home of Swecha.org. For further details including how to reach the venue will be available on the convention portal.

For Registration & Updates:

<http://ncar2010.fsmi.in>

Contact:

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