

About the Institute



Rajiv Gandhi Institute of Technology, Mumbai is established in the year 1992 by Manjara Charitable Trust and in a short span of time has established itself as a progressive and dynamic institute in the field of engineering and management education. The institute is affiliated to Mumbai University and offers courses for Bachelor of Engineering in Mechanical Engineering, Computer Engineering, Information Technology, Electronics and Telecommunication and Instrumentation Engineering. It is approved by All India Council of Technical Education (AICTE), New Delhi. The Directorate of Technical Education, M.S., Mumbai has awarded grade 'A' to the institute. It's an ISO 9001:2008 institution.

About The Department

The Department of Instrumentation Engineering is established in 1992. The department provides effective knowledge and aims at developing skills in understanding and applying the instrumentation used to measure, record and control process variables. The faculty actively participates in research and consultancy work.

Department has highly qualified, committed and motivated staff members. It has well equipped laboratories and other infrastructural facilities to cater the needs of budding engineering graduates.

NATIONAL WORKSHOP ON SCILAB AND IT's APPLICATIONS

January 02 – 06, 2012

Organized by

Rajiv Gandhi Institute of Technology, Mumbai

in association with

“FOSSEE project, Indian Institute of Technology Bombay, Mumbai”



Venue:

Department of Instrumentation Engineering

RAJIV GANDHI INSTITUTE OF TECHNOLOGY,

Mumbai

Off Juhu Versova Link Road,

Behind HDFC Bank, Andheri(W),

Mumbai – 400 053

ABOUT THE WORKSHOP

Scilab is an open source cross-platform numerical computational package and a high-level numerically oriented programming language. It can be used for signal processing, statistical analysis, image enhancement, fluid dynamics simulation, numerical and modeling and simulation of explicit and implicit dynamical. MATLAB code, which is similar in syntax, can be converted to Scilab. Scilab is one of several open source alternatives to MATLAB.

This workshop is partially funded by Indian Institute of Technology Bombay (IITB), Mumbai. All the resource persons, study material will be provided by IITB. At the end of the workshop the participation certificates will be issued by IITB to all those who pass an online test. Sample question may be found at <http://scilab.in/question>. Others will get an attendance letter.

TOPICS TO BE COVERED:

- Various mathematical and statistical operations
- Electrical circuit simulation
- Image and video processing
- Digital signal processing and filter design
- Artificial neural network (ANN) toolbox
- Wavelet toolbox
- Control system and Application to industrial automation

LIST OF RESOURCE PERSONS

1. Prashant Dave, IIT Mumbai
2. Manas Ranjan Das, IIT Mumbai
3. Shalini Shrivastav, IIT Mumbai
4. Madhu N.Belur, IIT Mumbai
5. Mukul Kulkarni, IIT Mumbai
6. Mani Bhushan, IIT Mumbai
7. Anuradha Singhania, IIT Mumbai

Chief Patron

Shri. Amit Deshmukh
(Executive Trustee, Manjara Charitable Trust)

Mrs. Aditi Amit Deshmukh
(CEO, Manjara Charitable Trust)

Patron:-

Dr. Udhav V. Bhosle
Principal and Director (Technical)
Email: udhavbhosle@gmail.com

Convener:-

Prof. S.P.Sadala (H.O.D Inst)
Email: satyamsadala@gmail.com

Coordinators:-

Prof.G.K.Shende (98694 03845)
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Organizing Committee:-

1. Prof R.G.Sharma
2. Prof N.S.Chame
3. Prof A.B.Bedke
4. Prof P.B.Gawande
5. Prof Deepak Gala
6. Prof Dipali Joshi
7. Prof Hiral Shah
8. Prof Pravin Karpuriya
9. Prof Chhaya Hinge
10. Prof Nikita Naik
11. Prof Anuja Kadam

REGISTRATION FORM

National Workshop on Scilab and Its Applications

02nd to 06th January, 2012

MCT's Rajiv Gandhi Institute of Technology, Mumbai

Juhu-Versova Link Road, Andheri (W),
Mumbai-400 053

Name : _____

Designation: _____

Specialization: _____

Experience (in yrs): _____

Affiliation / college: _____

Address for correspondence: _____

Email: _____

Tel (O) : _____ (R): _____

Fax No. : _____ Cell No.: _____

Details of Payment:

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(DD Should be in the favour of "Principal, RGIT, Mumbai)
(Xerox additional copies of this form, if needed)

Signature of participant

Signature of the Sponsoring
Authority

REGISTRATION

Intending participants of the workshop may kindly send the completed registration form to the Convener / Coordinators at the address below.

Registration Fees:-

Academic Institution:- Rs. 1,500/-

Research Institution:- Rs. 2,000/-

Industry Person:- Rs. 2,500/-

(Please note that no TA / DA will be provided to the participants. Accommodation will be provided for outstation candidates on request and at payment)

Last date for Registration:- 23rd December 2011

Address for correspondence:-

The Convener / Coordinators
Department of Instrumentation Engineering
MCT's Rajiv Gandhi Institute of Technology
Off Juhu – Versova Link Road, Behind HDFC Bank,
Versova, Andheri (West)
Mumbai- 400 053

MAHARASHTRA

E- mail: nwscia2012@gmail.com

Website: www.mctrgit.ac.in

Phone No.:- 022-26707025 /26 / 27/ 28 Ext.:- 114

Fax No.:- 022-26707026

How to reach:- Nearest Suburban station railway, Andheri
From Andheri station (west),
Best Bus No.:- 221 (RGIT)