IMPORTANT DATES

- Last Date of Application Submission: November 10, 2014
- Notification: November 14, 2014
- Confirmation: November 20, 2014

BOARDING & LODGING

Boarding, lodging and travel expenses shall be borne by the participants. Limited shared accommodations may be available in the Institute Guest House on first come first served basis. Several good hotels are available in and around Durgapur. Participants may contact directly or through the coordinator(s) for accommodation in Hotels. No TA/DA will be paid to the participants by NIT Durgapur.

REGISTRATION FEES

Registration fees for Faculty members, Person from Industry and Research Organisation : **Rs. 3000/-**

Research Scholar, M.Tech Students : **Rs. 1000/-**

Registration fee includes study/lecture materials, refreshment and lunch for 5 days during the course.

Registration fee should be paid in the form of Demand Draft in favour of the Director, NIT Durgapur, and payable at Durgapur.

Patron :

Prof. T. Kumar, Director, NIT Durgapur

Advisory Committee :

Prof. P. P. Gupta, Dean (R&C)

Prof. K. C. Ghanta, Coordinator TEQIP-II

Prof. A. K. Meikap, Nodal Officer (Academic) TEQIP-II

Col. (Retd.) P. S. Sandhu, Registrar

CONTACT PERSONS:

Dr. Pronab Roy
Phone No.: +91-9434788153
Email: pronabroy@rediffmail.com

Mr. Jaydeep Howlader
Phone No.:+91- 9434788178
Email: howlader_j123@yahoo.com

Dr. Pinaki Pal,
Phone No.:+91-9434788193
Email: pinaki.math@gmail.com

TEQIP-II Sponsored SHORT TERM COURSE on

Scientific Computation and Documentation using Open Source Softwares

(SCDOSS 2014)

December 01 to 05, 2014

Organized By :

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur - 713209, W.B., India
Website : www.nitdgp.ac.in

COURSE COORDINATORS :

Dr. Pronab Roy, Assistant Professor, Department of Civil Engineering

Mr. Jaydeep Howlader, Assistant Professor, Department of Information Technology

Dr. Pinaki Pal, Assistant Professor, Department of Mathematics

ABOUT THE INSTITUTE

National Institute of Technology Durgapur (NITD) is a leading technical institute offering undergraduate, postgraduate and doctoral programmes in various disciplines of engineering, technology, science, social science and management. The education system is holistic with equal importance being attached to allround development of the students. NITD was established as a Regional Engineering College (REC) in 1960 as a joint venture of the Government of India and Government of West Bengal. REC Durgapur was converted to NIT Durgapur under the full administrative and financial control of the Ministry of Human Resource Development of Government of India with a Deemed University status on 3rd July, 2003. Subsequently NITD has been given the status of a University by the UGC Act. The Institute was declared an Institute of National Importance by the Government of India on August 15, 2007. The city of Durgapur is recognized as one of the fastest developing Tier II cities in the national scenarios. Durgapur is situated at a distance of about 180 km from Kolkata. It is located right on the major railway and expressway (NH-2) connecting Kolkata to Delhi and Durgapur can be reached from Kolkata (and vice versa) in 2 hrs. 30 mins.

ABOUT THE SHORT TERM COURSE

The movement of Open Source (OS) was started during January 1998, when Netscape announced to make the source code for their web browser, Navigator, freely available. Open Source Softwares (OSS) refer to; release the softwares with source code under the open-source license, so that anybody is allowed to modify, share it with others, use it to develop new systems/software/platform or market it under certain conditions. The greatness of OSS is the 'freeness'. The 'freeness' doesn't mean priceless, but the freedom to use, understand, reproduce and develop. However there are several softwares and computational utilities which are indeed free (like Scilab, LaTeX, Gnuplot, Libre Office, etc). The OSS are as efficient and reliable as any other commercial softwares. Affordability, availability of source code and the freedom of choice have made open source a preferred platform for many organizations and also individuals. Over the past decade OSS have become popular within the technology users in India.

This short term course will focus to introduce few OSS and their various applications in research and academic purposes. It will provide the opportunity to address and express the advantages, usefulnesses and benefits of the OSS to the community. The objectives of the short term course are: awareness on open OSS, introducing some of the OSS and various applications of OSS for scientific computation, documentation and technical paper writing.

TOPICS TO BE COVERED

1. Introduction to Free & Open Source Softwares, Open Source distribution
2. Computational softwares: Scilab, Python, Fastest Fourier Transform in the West (FFTW), Java (Cryptox)
3. Scientific Document Processing tools: LaTeX, Gnuplot, Xfig, Beamer package etc.
4. Office Document Processing tools : Liber Office, Gnumeric, Calc
5. Paper writing with IEEE / Springer / ACM cls.

RESOURCE PERSONS

The resource persons constitute faculty members from NIT Durgapur and various guest speakers from other reputed institutions.

WHO CAN ATTEND SCDOSS 2014

SCDOSS 2014 is aimed to attract and bring together Faculty Members, Teaching Assistants and Research Scholars from Academics and Institutions recognized by AICTE, UGC or equivalent. The participants will be benefited immensely and will fill free to use open-sources through close interactions/discussions with the resource persons/experts of the respective field during the lecture sessions as well as in laboratory sessions.

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

TEQIP-II Sponsored
(SCDOSS 2014)
December 01 to 05, 2014
REGISTRATION FORM

NAME (in block) : ....

Designation : ....

Department : ....

Organization : ....

Address : ....

....

....

Tel/Fax : ....

Email : ....

Registration Fee :...

DD No.................................... Date : ....

<div align="center">Signature with Date</div>

SPONSORSHIP CERTIFICATE

The applicant is hereby sponsored and will be permitted to attend the above short term course, if selected.

Date:

<div align="center">Signature and seal
of the sponsoring authority</div>