Course Fee

Participants	Course Fee
PG Students	Rs. 4,000
Research Scholars	Rs. 6,000
Faculty members, Scientists and Person from Industries	Rs. 8,000

*The course fee does not include charges for meals and accommodation.

Accommodation

Accommodations is available at EDC (limited)/ISM Hostel on payment basis.

How to Apply

Applicants are requested to download the registration form and send the hard copy of the registration form along with the Demand Draft by post to the Course Coordinator by **26th Feb, 2016**. The Demand Draft should be drawn in favor of "**Registrar, ISM Dhanbad**", payable at **Dhanbad**.

Contact Details

Dr. Chiranjeev Kumar
Course Coordinator
kumar.c.cse@ismdhanbad.ac.in

&

Dr. Haider Banka
Course Co-Coordinator
haider.banka@gmail.com

INDIAN SCHOOL OF MINES

Short-Term course on

Network Protocols and their Simulation using NS-2

3-5 March 2016

REGISTRATION FORM

Name: _____

Designation: _____

Organization: _____

Gender: _____

Educational Qualification: _____

Address for Correspondence:

_____
_____
_____

Mobile No: _____

E-mail ID: _____

Accommodation Required: (Yes/No?): _____

Experience: _____

Teaching: _____

Others(Specify): _____

Details of Demand Draft (DD):

Amount: _____

DD Number: _____

Date: _____

Date: **Signature of Applicant**

Short -Term Course

on

Network Protocols and their Simulation using NS-2

03-05 March, 2016

Organized by

Department of Computer Science & Engineering

INDIAN SCHOOL OF MINES DHANBAD

www.ismdhanbad.ac.in

Importance and Scope

Network Simulator (ns2) is an open-source event-driven simulator designed specifically for research in computer communication networks. This is the most widely used simulator used by engineers and researchers in academia and industry for simulation of wired and wireless networks. This short term course on Network Protocols and their Simulation using NS-2 is laboratory oriented, in which hands on training will be given. The main focus is on participants become capable enough to write their own simulation model, test them and draw conclusions.

Course Contents

The short term course aims to include the following topics:
- NS-2 Introduction & Installation
- Wired Network Creation
- Trace File Analysis
- Wireless Network Creation
- Mobility Model & Energy Model
- Performance comparison of MANET Routing Protocol
- C++ & OTcl Interaction
- Add New Agent, New Queue Model
- New Routing Protocol Design
- Case study with Lab practice

Who Can Attend?

PG Students, Research Scholars, Faculty members, Scientists and persons from industries

About ISM Dhanbad

ISM Dhanbad, a fully residential university is situated in Jharkhand, India and it was established in 1926 on the model of Royal School of Mines, London. Apart from earth and mineral science departments of national and international reputation, the institute has expanded with diverse branches in engineering including Computer Science and Engineering, Electronics Engineering, Electrical Engineering, Mechanical Engineering, and also Master of Business Administration.

About Department

The Department of Computer Science and Engineering was established in the year 1997 to keep abreast with the recent technological advancements in the field of Computer Science and Information Technology.

The department offers two under graduate courses namely B. Tech in CSE and Dual Degree in CSE. The admission of these two courses is through IIT-JEE (Advanced). The department also offers two M.Tech course in CSE and CSE with Specialization of Information Security. The admission of M.Tech is through GATE. The department offers Ph.D in CSE and presently more than 60 full time scholars are working in various research topics. The department runs several sponsored projects from the government organizations like CSIR, MIT and UGC. The department organized International Conferences RAIT-2014, RAIT-2012, National Seminars RAIT 2009 and RAIT 2007. At regular basis, department used to conduct workshop in the filed of Computer Science. To know more about the department, please visit at http://www.ismdhanbad.ac.in/computer-science-engineering/

About Location

ISM is well connected by rail and road. The School is located at a distance of about 3 KMs from Dhanbad Railway Station in Jharkhand State. Dhanbad station is on grand chord of Eastern Railways and well connected with Howrah, Delhi, Lucknow, Aligarh, Mumbai, Tata Nagar and Ranchi etc.