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FIVE DAYS
FACULTY DEVELOPMENT PROGRAM
ON
Network Simulator 2 (NS-2)
( 14th – 19th October 2011 )

Organized by
Department of Computer Engineering
Sinhgad College of Engineering,
Pune-41
About Sinhgad College Of Engineering:

Sinhgad College of Engineering was established in 1996 by Prof. M. N. Navale. The college is approved by All India Council for Technical Education (AICTE) and is affiliated to University of Pune. It has been awarded ‘A’ grade by Directorate of Technical Education (DTE).

About The Department Of Computer Engineering:

The Department of Computer Engineering was established in 1996. The department started postgraduate course of M. E. (Computer Engineering), Specialization in Computer Networks in 2008. The department is the first to start this specialization in University of Pune.

About The Course:

The objective of this course to train the faculties and researchers from various institute on the Network Simulator (NS2).

Prerequisite:

Basic understanding of Computer Network
This course gives the hands on and day wise contents are as follows:

NS2 is open source discrete event simulator. It provides substantial support for simulation of TCP, routing and multicast protocols over wired and wireless networks. NS2 is globally popular network simulator for research and modelling communicating networks.

Daywise Schedule:

Day I & II:
- Linux installation and Basics

Day III:
- NS-2 Installation and configuration
- NS-2 Basics
- NS-2 Components
- Simulation of various protocols
- TCP,UDP applications, Network layer protocols
- Post processing methods
- Trace file analysis

Day IV:
- AD-HOC network
- AODV, DSDV, DSR
- Ad-hoc routing protocol comparison
- Graph tools

Day V:
- Wireless simulation
- Wi-Fi, zigbee, Wimax, Sensor
- Modifying Existing Protocol
- Implementing New Protocol

Registration Details:
Limited to forty seats on first come first serve basis.
Course package includes the Tea, Breakfast, Lunch, course material/DVD, certificate and stationary.
Registration fees: Rs. 3000/- Only cash or DD should be drawn on the name of: “Principal, Sinhgad college of Engineering, Pune-41”, payable at pune.

The completed application form in the prescribed format along with DD/Cash must reach the coordinator through proper channel on or before 1st October 2011 Registration details are available on website :www.sinhgad.edu and send registration details to coordinator sajoshi.scoe@sinhgad.edu

Sinhgad College of Engineering
Department of Computer Engineering
Organizes
FIVE days FDP, Network Simulation 2 (NS2)
14th October 2011 – 19th October 2011

REGISTRATION FORM

Name:______________________________
Designation:________________________
Department:_________________________
Name of Institute:_____________________
Address for Correspondence:____________
_____________________________________
_____________________________________
_____________________________________

Email id:____________________________
Phone: (R)_____________ (M)___________
D.D. No.:__________________ Date:__________
Name of the Bank and Branch:__________
_____________________________________
Signature of Participant:________________

Seal of the Institute:
Place :________________ Date:____________