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Dr. D.K. Kaur,
FE Coordinator, SAE

Convener

Prof. A. N. Adapanawar
Head, IT Dept. SAE
Mob: 9922932719
Email: adapanwar@sinhgad.edu

Course coordinators

Mrs. P. Y. Pawar
Mobile: 9922426638
Email: poonam.y.pawar@gmail.com

Mrs. A. S. Shinde
Mobile: 9422653543
Email: archana.shinde46@gmail.com

Organizing Committee

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Mr. S. L. Bangare (9922939201)
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Ms. D. R. Anekar (9922939328)
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FACULTY DEVELOPMENT PROGRAM

on

Network Simulation using NS2 and Omnet++ for Wireless Networks

(08th Oct to 12th October,2012)

**Department of Information Technology
Sinhgad Academy of Engineering, Pune 48**

(Approved by AICTE, Affiliated to University of Pune)

Coordinators
Mrs. P.Y.Pawar
Mrs. A.S. Shinde

ABOUT THE INSTITUTE

Sinhgad Technical Education Society's Sinhgad Academy of Engineering Kondhwa (bk.), Pune was established in 2005 and has become synonymous with high Quality Engineering Education. S.T.E. Society was established in the year 1993 by Prof. M.N. Navale with the aim of imparting Quality Technical Education. The 77 model Institutions under the society, catering to multifarious disciplines, bear shining testimony to the magnitude of Prof. Navale's vision and relentless pursuit for excellence. The college offers bachelor degree programs in Electronics and Telecommunication Information Technology,, Computer Engineering, Civil Engineering   and Mechanical Engineering and two year masters degree courses mechanical,   Electronics & Telecommunication and Computer Engineering . The institute is approved by All India Council for Technical Education (AICTE), New Delhi, and Directorate of Technical Education (DTE) and is affiliated with University of Pune. The college has consistently   excelled   in   academics   and extracurricular activities. The aim of the institute is to develop a center of excellence with harmonious environment and to initiate the innovative abilities of students and also to equip the leadership qualities of students
.

COURSE OBJECTIVES

1. NS2 and Omnet++ provide better way for network simulation.
2. Bridges the gap between academics and IT industry.
3. Promotes Ph.D. , Research and Development activity

ELIGIBILITY

Faculty members of Engineering and polytechnic colleges recognized by AICTE are eligible to attend the course.

COURSE CONTENTS

Pre-requisite: Knowledge of computer network technology.
 This FDP aims to include the following:
* Wired and wireless Network Simulation, trace file format and analysis
* WSN and other network simulations, Some tools to be used with NS-2
* Package embedding and development in NS-2
* Basics of Omnet++, wired and   Wireless Simulation in Omnet++

REGISTRATION

Candidates   should   complete   the   enclosed registration form, and send it by mail or fax to the Coordinators. Confirmation of eligible candidates will be on a first come first served basis upto a maximum of 40 candidates.

Registration fees:
Rs. 2000/- (Payment mode: Cash/D.D) .DD should   be   drawn   in   the   name   of 'Sinhgad Academy of Engineering', payable at Pune. The completed registration forms should be submitted to the Coordinators up to 25th, Sept 2012.

Faculty Development Program On

Network Simulation using NS2 and Omnet++ for Wireless Networks

Registration Form

Name: _____

_____

E-mail:_____

Designation:_____

Institution: _____

_____

Address for correspondence: _____

_____

Phone No.:_____

 Fax: _____ _____

D.D. No._____ Date: _____

Amount_____ Bank: _____

Branch:_____

Accommodation Required - Yes / No
(Please take photocopy of form, if required)

Signature	**Signature of Sponsoring**
of Applicant	**Authority with Seal**