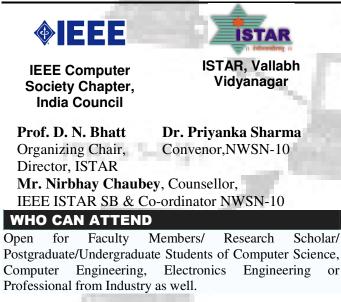
National Workshop on Simulation of Networks using NS2 Simulator [NWSN-2010]

Date: Friday, 24 September & Saturday, 25 September 2010

In association with



Numbers of the Delegates are limited to 50 only.

ORGANISED BY :

IEEE ISTAR STUDENT BRANCH



Near V. P. Science College Vallabh Vidhyanagar, Gujarat Pin- 388 121, INDIA Phone: +91-02692-234 955 Mobile: 9898447350 E-mail: ieeeistarsbvvn@gmail.com URL: www.ewh.ieee.org/r10/gujarat

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ABOUT IEEE ISTAR STUDENT BRANCH

On 19th July 2006, IEEE HQ, USA and IEEE Region 10 (Asea Pacific) approved its full fledge an IEEE Student Branch at ISTAR, the branch was inaugurated on 16th September 2006 by Dr. C. L. Patel, Chairman, Charutar Vidya Mandal, Vallabh Vidyanagar, ISTAR SB is the eighth student branch of the IEEE in Gujarat.

ABOUT THE WORKSHOP

Looking at the tremendous interest from academia and industry to use NS2 Network simulator in the research field of Wired, Wireless and Satellite communications Networks, we organize NWSN-2010. During the last decade simulation has become a very powerful and an important tool for planning, designing and controlling complex system. Nowadays an error in real life costs a lot of money. Computer Simulations is a practical approach to the quantitative analysis of a network. Network simulators serve a variety of needs. Compared to the cost and time involved in setting up an entire test bed containing multiple networked computers, routers and data links, network simulators are relatively fast and inexpensive. They allow researcher/engineers to test scenarios that might be particularly difficult or expensive to emulate using real hardware for instance, simulating the effects of a sudden burst in traffic or a DoS attack on a network service.

The main aims of the workshop is to provide the participants an in depth knowledge of NS2, simulating scenarios for wired/ wireless networks. add new functionality to NS, analyzing and processing simulation output/trace file, and plotting graph showing result.

ORGANISING COMMITTEE		
Ms. Denisha Jarsania	Mr. Rakesh Ramnani	
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	Mr. Ashwin Kanani	
	Web Master, IEEE ISTAR SE	

EXPERT FOR THE WORKSHOP

- 1. Dr. Sanjay Srivastava, Professor of DA-IICT, Gandhingar
- 2. Prof. Tejas Vasavda, Computer Engineering, ADIT, Vallabh Vidyanagar

And other elite faculty (from repurted institute) who are specialized in the Networking and NS2 Network Simulator.

REGISTRATION FEES		
	1,200 Rs. /-	
FACULTY :	1,500 Rs. /-	
INDUSTRY PROF. :	1,800 Rs. /-	
IEEE STUDENT MEMB. :	600 Rs. /-	
OTHER STUDENTS :	800 Rs. /-	

ABOUT NS2 NETWORK SIMULATOR

NS-2 is a very popular discrete event Network Simulator which is widely used in the research field of Wired. Wireless and Satellite Networks across both academia and industry as a way of designing, testing and evaluating new and existing protocols and architectures, and has also proven a very useful tool for teaching purposes.

NS-2 comes fully equipped of protocols, models, algorithms and accessory tools. NS-2 is an open source network simulator which is freely available for academic research purpose. Therefore, in terms of scientific acceptance, number of tools/modules and cost, NS-2 would be a sort of ideal choice.

NS-2 started as a variant of the REAL network simulator in 1989 and has since been supported by the Virtual InterNetwork Testbed (VINT) project that is a DARPA-funded research project whose aim is to build a network simulator. The first version of NS was for wired networks but the demand to support wireless networking made the Monarch Group to create new version NS-2. NS-2 uses two languages C++ to implement protocols and Object Oriented Tcl (OTcl) for configuration and simulation the scripts.

National Workshop on Simulation of Networks	DD/Cheque No	:IMPORTANT NOTE: Filled up Registration Form along with the Fee
using NS2 Simulator [NWSN-2010]	DD Issuing Bank	should be sent or submitted to
Date: Friday, 24 September &	DD Date	Mr. Parag Moteria,
Saturday, 25 September 2010		Organising Secretary of the NWSN-10, Lecturer of MCA Department, ISTAR,
	Amount:	V.V.Nagar-388120, Mobile: +91-9428466873,
:REGISTRATION FORM:		9428727770, 9033113928, 9898689271
Full Name: (In which certificate will be issued) -	(Participant's Signature)	E-mail: paragmoteria@gmail.com, ieeeistarsbvvn@gmail.com
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Qualification	The second second	IMPORTANT DATE
Institution/University:	The second second	Call for Participation Starts: 1 st August 2010
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	Head of the Dept.).	Confirmation List: 17 th August 2010
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	the Workshop.	the continuous dynamic leadership of Late Shri
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favour of "IEEE ISTAR Student Branch" payable	Accomodation: Accomodation may be provided on request (On chargeable basis).	H.M. Patel (ICS retired) and presently of Dr. C.L.Patel, the present Chairman of CVM. ISTAR
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