

## “Two Days Workshop in NS2/NS3 “ 23rd & 24th September

### Registration Form

Name:.....  
Institution:.....  
Department:.....  
Year: .....

Address:.....  
Mobile:.....  
E-mail ID:.....  
Amount:.....  
DD No/Transaction No.....  
Date:.....

### Registration Details

- ◆ Registration charges per participant: Rs 2000/- (+GST)
- ◆ Registration charges include course fees, certificate of participation and tea.
- ◆ Registration charges will be accepted in the form of online payment/DD/Cash along with duly filled registration form.
- ◆ Payment and registration should be done before **15<sup>th</sup> September 2017**
- ◆ DD should be drawn in favor of “Vishwakarma Institute of Technology” payable at Pune . Also softcopy of registration form and scanned copy of DD/receipt should be emailed to [ranjana.jadhav@vit.edu](mailto:ranjana.jadhav@vit.edu) or [nilesh.patel@vit.edu](mailto:nilesh.patel@vit.edu)

Online payment should be done in following account

Account Name	VISHWAKARMA INSTITUTE OF TECHNOLOGY, Pune
Bene Bank Name	CENTRAL BANK OF INDIA
Bene Bank Branch	JEDHENAGAR BRANCH, BIBWEWADI, PUNE 411 037
Bene Bank A/C NO.	3087149857
IFSC Code	CBIN0282402
Branch Code	282402

### Chief Patrons

**Shri Rajkumarji Agrawal**  
Chairman, BRAC, Pune

**Shri Bajrangdas Lohiya**  
Vice Chairman, VI, Pune

**Shri Bharat Agrawal**  
Managing Trustee, BRAC, Pune

**Prof. (Dr.) Rajesh Jalnekar**  
Director , VIT, Pune

### Conveners

**Prof. (Dr.) Premanand P. Ghadekar**  
Head , Department of IT and MCA,  
VIT, Pune

### Workshop Coordinators

**Prof. Ranjana S. Jadhav**  
Assistant Professor,  
[ranjana.jadhav@vit.edu](mailto:ranjana.jadhav@vit.edu)  
**Mob: 7020829863**

**Prof. Nilesh Patel**  
Assistant Professor,  
[nilesh.patel@vit.edu](mailto:nilesh.patel@vit.edu)  
**Mob: 8421222642**

Bansilal Ramnath Agarwal Charitable Trust's  
**Vishwakarma Institute of Technology, Pune**  
(An Autonomous Institute affiliated to Savitribai Phule Pune University)



## Two Days Workshop On “Two Days Workshop in NS2”

(23rd<sup>th</sup> & 24<sup>th</sup> September 2017 )

Organized by  
Department of IT and MCA



## About The Institute and Departments

Vishwakarma Institute of Technology, Pune, a highly commendable private institute, occupies a place of pride amongst the premier technical institutes of the western region of India. Established in 1983, financed and run by Bansilal Ramnath Agarwal Charitable Trust, it is affiliated to Savitribai Phule Pune University. The institute runs 9 Under Graduate, 8 Post Graduate & 6 Ph.D. programs which are affiliated to the university. The institution has been awarded ISO 9001-2008 certification by BSI, India & granted autonomous status since academic year 2008-2009. The institute has marched towards the pinnacle of glory through its remarkable achievement & laurels in the field of engineering education.

The **Department of Information Technology & MCA** runs UG program along with MCA caters to the ever increasing needs of technical brilliance in all allied areas of information technology such as Software testing and automation, image processing and data analytics.

## About the workshop

NS2 is the most popular open source Network Simulator. NS2 is an object-oriented, discrete event driven network simulator that mainly finds its application in the networking related academic researches to simulate wired and wireless networks. It uses C++ and OTcl (a Tcl script language with Object-oriented extensions) as its programming language. Tcl is a command line tool C++ script executes any of the networking protocols whereas OTcl script enables the users to manage the simulation scenario and schedule the events. OTcl supports certain features that C++ lacks. Therefore, NS2 couples these two scripts to improve its efficiency.

The main purpose of this "workshop in NS2/NS3" is to create awareness and enrich knowledge for research scholars, faculty and students in the area of Network simulation using NS2. This training is aimed at enhancing the skill and knowledge in the fields of networks and also to understand about the current research opportunities in it. From the days of its first release it has excited the minds of researchers, students, network practitioners opened up many possibilities for doing simulation of different protocols before they are actually implemented in real time. NS2 (network simulator) is used by many researchers for doing research in computer networks MANET, WSN, VANET, IoT, IoV, etc.,

## About the Speakers



- ◆ Mr. Shital Kothari is Founder & Director of Ocular Systems LLP, NS-2 Academy, & Adz91 Digital Ads Pvt Ltd.
- ◆ An experienced executive with a strong background in global environments, extensive industry knowledge and a firm understanding of business model.
- ◆ Shital is a proven leader with experience as an academic, entrepreneur, business executive, and effective engineering chief.
- ◆ Shital Kothari is a seasoned engineer and entrepreneur with over 5 years of experience in management and academia.
- ◆ Before starting NS-2 Academy, Mr. Kothari founded several IT companies including Ocular Systems LLP, Adz91 Digital Ads Pvt Ltd. Mr. Shital had worked with Plazma Robotics Company, handling profiles creation and code generation for FANUC & KUKA (Plasma Metal Cutting Robots) with LS language, automation of different control systems with computer interfaces for KADANA INTERNATIONAL, DUBAI, U.A.E.

## Excellence in

- ◆ Leading the current research work in our lab focuses on performance analysis and Simulation of Next Generation Mobile Communication Systems such as LTE, WiMAX, 4G Wireless Systems and Protocol design for MANET, Cognitive Radio, Energy Aware WSN, Co-operative Communications, Mesh Networks and Spectrum Management.

- ◆ Strong expertise with NS2 network simulator with experience in implementing a new routing algorithm as well as LTE RLC layer.
- ◆ Work experience for protocols in Layer 2 and up in the OSI stack including work in LTE (Long Term Evolution) networks, 802.11/GSM/UMTS, TCP/IP protocol stack, Routing/Switching algorithms, Security and Authentication Mechanism and Mobile IP fundamentals.
- ◆ Started forums, blogging on <http://ns2academy.in/> to help NS2, NS3 developers.

## For registration contact:

**Prof. Ranjana S. Jadhav**

Assistant Professor,  
[ranjana.jadhav@vit.edu](mailto:ranjana.jadhav@vit.edu)  
Mob:7020829863

**Prof. Nilesh Patel**

Assistant Professor,  
[nilesh.patel@vit.edu](mailto:nilesh.patel@vit.edu)  
Mob: 8421222642

## Venue

Conference Hall,  
Department of Computer Engineering,  
Vishwakarma Institute of Technology,  
666, Upper Indira Nagar, Bibwewadi, Pune  
411037

**Website: [www.vit.edu](http://www.vit.edu)**