

PSG College of Technology

A National level
Three-Day
Hands-on Workshop on
Network Simulator 3 (NS3)
14th- 16thFebruary 2019

Organized by
IETE Students' Chapter

APPLICATION FORM

Name (in Block Letters).....
Age & Gender
Designation
Organization
Address for
Communication
.....
Contact No
Accommodation Required(Y/N)
Course Fee
Demand Draft No.&Bank:.....
DD Date

DECLARATION BY THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place:
Date:
Signature of the candidate

Coordinators

Dr. R.Venkateswari
Associate Professor
Department of ECE
PSG College of technology

Mr. N. Saritakumar
Assistant Professor
Department of ECE
PSG College of technology

Registration

Only limited number of participants can be admitted to the workshop. The admission is on first come first serve basis. The **IETE students & members** can avail a **10% discount**. Filled up registration form is to be submitted along with the DD drawn in favor of "PSGCNCE" payable at Coimbatore.

Registration Fee:(Inclusive of GST)

UG / PG Students : Rs. 2000/-
Faculty members and
Research Scholars : Rs. 2500/-
Industry Persons : Rs. 3000/-

The duly filled application forms are to be sent to:

Dr.R.Venkateswari

Associate Professor,
Department of Electronics & Communication Engineering,
PSG College of Technology,
Peelamedu
Coimbatore – 641004
TamilNadu
Email:rvi.ece@psgtech.ac.in Ph: 9894667672



A National Level
Three-Day



Hands-on Workshop on
Network Simulator 3
(NS3)

14th - 16thFebruary2019

Conveners

Dr. S. Subha Rani
Dr. V.Krishnaveni

Organized by

IETE STUDENTS'CHAPTER

PSG College of Technology,
Coimbatore - 641 004

About the Institution

PSG College of Technology, established in the year 1951 by the PSG & Sons' Charities Trust, is an AICTE approved autonomous Institution affiliated to Anna University, Chennai and is ISO 9001:2015 certified. Most of the programmes have been accredited by National Board of Accreditation (NBA). It is one of the most prestigious institutions in the country due to the quality of education it provides. The institution has produced several illustrious alumni who have left a mark in various fields around the globe. The college has signed MoUs with research institutions and industries in order to promote closer interaction with other institutions in the areas of technology development, training of students, curriculum updating and development of state-of-the-art centres.

About ISF PSGCT

The IETE Students' Chapter in PSG College of Technology came into existence in the year 2009. Over the last decade it has grown as one of the prominent student chapters. It conducts several technical and non - technical events throughout the academic year to enrich the technical knowledge of students and thus help produce better engineers who are well equipped to face the stiff competition in the outside world.

About the Workshop

The objective of this workshop is to instruct the participants about the latest technologies in Networking & Wireless Communication and discover how simulation tools like NS3 enable users to perform tasks such as network modelling, performance analysis and R&D by writing their own protocols and algorithms.

The schedule of the workshop is as follows:

Day 1:

- Differences between NS-2 & NS-3
- Overview of NS-3 and Structure of a C++ Program in NS-3
- Simulating point-to-point Networks in NS-3
- Using PyViz and NetAnim for visualizations

Day 2:

- Simulating CSMA networks in NS-3
- Simulating BSS and IBSS in NS-3
- Simulating a hidden node problem in NS-3
- Using TraceMetrics for post processing

Day 3:

- Passing Real Data in NS-3
- Linking Crypto++ library in NS-3
- Sample Example with encryption & decryption
- Adding new modules to NS-3

Resource Person

Dr. Mohit P. Tahlilani,

Department of Computer Science and Engineering,
NITK, Surathkal,
Karnataka,
India.

Pre-requisites

Basic understanding of Computer Networks

Basic Programming Knowledge

Important Dates

Last date for the receipt of

Application with DD : 10th Feb 2019

Date of Intimation regarding Selection : 12th Feb 2019

The details of this programme are available in the website

www.psgtech.edu

Eligibility

This workshop is open to all

- Engineering (UG/PG) students
- Research Scholars
- Faculty Members
- Industry Persons