

ABOUT NITK SURATHKAL

National Institute of Technology Karnataka, Surathkal has established itself as one of the top technological institutions in India & is declared as an Institute of National Importance under the NIT Act 2007. Since its inception in 1960 as the Karnataka Regional Engineering College, the Institute is considered as a premier center engaged in imparting quality technological education and providing support to research and development activities. The Institute has a long tradition of research for several decades in both traditional and modern areas of engineering and science.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering, established in the year 1986 has a strong International reputation for its excellence in education and research. It has a rich history and an outstanding record of contributions to the ever-growing field of Computer Science. The department offers degree programs for Bachelors, Masters and Doctorate which are accredited by NBA. The department is a part of the Electrical & Electronics Computer Systems division.

ABOUT WiNG

Wireless Information Networking Group (WiNG) at NITK Surathkal focuses on research in wired and wireless networked systems. The most active research areas include: Network Simulations and Emulations, Linux Queue Disciplines, and Routing, Localization and Security in Underwater Communications. For more details, please visit wing.nitk.ac.in

OBJECTIVES OF THE WORKSHOP

- Understanding the basics of underwater communications
- Building Underwater Communication topologies and setting up simulations
- Knowing agent-based software stack, interactions and message exchange
- Extending UnetStack agent, developing custom agents for Physical layer, MAC and Network layers
- Introduction of network namespaces in the Linux kernel
- Introduction to netperf, iperf, and httpperf
- Introduction to Network Stack Tester (NeST)
- Emulating wireless networks using Linux network namespaces

REGISTRATION FEES

CATEGORY	FEES (INC. OF 18% GST)
STUDENT / RESEARCH SCHOLAR / FACULTY	INR 1180
INDUSTRY PARTICIPANT	INR 2360
FOREIGN PARTICIPANT	USD 60

BANK DETAILS: <https://tinyurl.com/y2wgskac>

On successful payment of the registration fee, participants are informed to **register** their personal and payment details through: <https://tinyurl.com/y23br3ll>

LAST DATE TO REGISTER: 13.12.2020

For more information about the workshop, write to: wing@nitk.edu.in

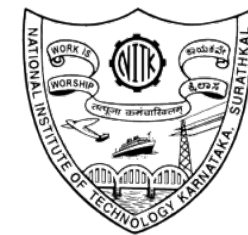
NITK Surathkal WiNG's
10th Workshop on
**Open-source Network
Experimentation
(ONE - 2020)**
14th – 18th December 2020
Virtual Workshop



WORKSHOP CO-ORDINATORS

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Organized by

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