NITK Surathkal

Since its inception in 1960, National Institute of Technology Karnataka (NITK), Surathkal has established itself as a premier institution engaged in imparting the quality technical education and providing support to research and development activities. NITK has conferred the status of an **"Institution of National Importance"** vide NIT Act No.29 of 2007 by Govt. of India and is consistently ranked as one of the top ten NIT in India. Presently, NITK offers 9 Bachelors, 28 Masters and Doctoral degree programs. The institute is located 22 Km north of Mangalore City along the Kanyakumari-Mumbai NH-66. NITK is committed to enhancing the capabilities and potential of our human resources with the objective of transforming them into leaders in their chosen areas of interest. Our vision is to strive for excellence, be globally competitive in technical education and focus on knowledge assimilation, generation, and dissemination. The year-long activities during the occasion showcased the glorious contributions of NITK in various fields of its activities and projected new initiatives for the coming years.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The Electronics and Communication (E&C) Engineering department was established in the year 1979. The department offers an under graduate program in Electronics and Communication Engineering, a PG program in VLSI design and a PG program in Communication Engineering. In addition to these, it also offers M.Tech (Research) and PhD programs in the three streams of VLSI design, Digital Signal Processing and Communication Engineering which provide a platform for bright graduates and postgraduates to conduct research in state-of-the-art technologies. The department is also a recognized center under the Quality Improvement Program (QIP) of the Government of India. The department has been actively involved in several quality enhancement projects such as Project IMPACT, PI-SSS, EENP, United Kingdom-INDIA REC Project and SMD-VLSI Project during the last two decades. In recent years, the department has embarked on R&D projects funded by central agencies such as MHRD, DIT, Govt. of India and private industries. In addition, the department is involved in consultancy services to the Indian Railways and major public Sector Banks.

ABOUT THE WORKSHOP

The objective of the **IEEE Workshop on Advances in Nanophotonic devices & Sensors - 2020 (IEEE WANS-2020)** is to provide a platform for bringing together global experts and researchers across the India and highlight novel contributions along with various challenges in the field of photonics. For this, we are organizing a one week workshop in the Department of Electronics and Communication Engineering, National Institute of Technology Karnataka, India. Topics of interest include (but are not limited to):

- Nanophotonics and Bio-photonics
- Optical Sensors
- Free Space Optical Communication
- Nonlinear optical phenomena
- Plasmonics
- Integrated photonics
- Optical storage devices and imaging
- Laser Sciences and Ultrafast Optics
- Microwave Photonics

Lectures will be delivered by the faculties & Scientists from IISc, IITs, RRCAT-Indore, CSIR, NITK and Industry experts. This workshop would help participants to understand the recent advances and challenges in the field of photonics. This will also help students to acquire knowledge and choose leading domain of photonics as their future research career.

ELIGIBILITY

The workshop is open to faculties, research scholars and UG/PG students of Electronics & Communication Engineering (also related disciplines). The participants are encourage to apply online or email your applications to ieeewans2020@gmail.com on or before the last date.

REGISTRATION

There is no registration fee for NITK student/faculty but numbers of seats are limited up to 60. For non-NITK participants fees will be charged as mentioned below:

Students: Rs. 1500 + Rs. 270*
Faculty/ Industry staff: Rs. 3000 + Rs. 540*
*18% GST

ACCOUNT DETAILS FOR ONLINE FEE PAYMENT

Account Name: NITK Surathkal
Name of the Bank: State Bank of India (SBI)
Account Number: 37772503911
IFSC Code: SBIN0002273
Branch: NITK Campus; Srinivas Nagar

Online registration link:

https://forms.gle/UPtVmxvbW3o4Fs7d7

REGISTRATION FORM

Name: _____

Designation:_____

Organization: _____

Mailing Address: _____

_____

Mobile: _____

Email: _____

IEEE member: Yes/No

IEEE Membership number (if applicable):

Accommodation Required: Yes / No

(Can be arranged subject to availability and payment)

Payment details **(Only for non-NITK participants):**

Online Transaction-ID details:

Bank Name:

DECLARATION BY THE PARTICIPANT

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the workshop for the entire duration. I also undertake the responsibility to inform the Coordinator sufficiently in advance, in case I am unable to attend the workshop.

Date: **Signature of Applicant**

VENUE

Seminar Hall,
Department of E&C Engg,
National Institute of Technology, Karnataka

NOTE: Online workshop mode may be followed due to COVID-19.

IMPORTANT DATES

Workshop dates: **7th - 11th December 2020**
Last date for receipt of application: **15/11/2020**
Intimation of selection (via e-mail): **18/11/2020**

NOTE: Workshop dates may change as per the COVID-19 situation in December.

CONTACT INFORMATION

Please address all queries and communications to the coordinators also cc your mail to ieeewans2020@gmail.com:

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IEEE Workshop on
Advances in Nanophotonic devices & Sensors
(IEEE WANS - 2020)

7th - 11th December 2020

Sponsored by :

IEEE BANGALORE SECTION

IEEE Mangalore Sub Section

IEEE photonics SOCIETY

Student Branch Chapter NITK

Coordinators

Dr. Mandeep Singh
Prof. Muralidhar Kulkarni

Organized by

Department of E&C Engg,
NIT Karnataka,
Surathkal, Mangalore-575 025