

Registration Fee

IEEE Members	: Rs. 1000
IEEE Photonics/ComSoc Members	: Rs. 900
IEEE Student Members	: Rs. 600
Non IEEE Members	: Rs. 1250
Students	: Rs. 750

Registration Details

Participant can make the payment either by taking a Demand Draft or by NEFT. The DD should be in favour of "IEEE Student Chapter" payable at Bengaluru. Bank Details for NEFT Transfer

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Last date for registration - 22nd March 2016



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AMRITA
VISHWA VIDYAPEETHAM
UNIVERSITY
Established u/s-3 of UGC Act 1956
BENGALURU CAMPUS



Workshop on

Trends & Developments in Photonics and Optical Communications (TDPOC-2016)



Organized by

Dept. of ECE

Amrita School of Engineering
Kasavanahalli, Carmelaram P. O.
Bengaluru – 560 035

28th - 29th
March, 2016

About Amrita Vishwa Vidyapeetham

Amrita Vishwa Vidyapeetham University is a multi-campus, multi-disciplinary research university that is accredited 'A' by NAAC and is ranked as one of the best research universities in India. The university is spread across five campuses in three states of India – Kerala, Tamil Nadu and Karnataka, with the University headquarter as Ettimadai, Coimbatore.

The university continuously collaborates with top US and EU universities including Ivy League for regular student exchange programs, and has emerged as one of the fastest growing institutions of higher learning in India. The university is managed by the Mata Amritanandmayi Math.

About Amrita School of Engineering, Bengaluru

The Amrita School of Engineering, Bengaluru offers B.Tech. programs in five disciplines and M.Tech. programs in six disciplines. The school also admits full time and part time for pursuing PhD in all the area. The university has been awarded 20 seats PhD scholarship under Vishweshwaraya PhD scholarship from DST, Govt. of India. Curriculum is framed with extensive industry input. All programs are credit-based. Departments are equipped with modern laboratories, design tools and software

packages. Emphasis is laid on continuous evaluation of students. Faculties serve as class advisors and mentors to students.

The school has faculty strength of nearly one hundred and fifty. Several faculties have come to Amrita with rich experience from leading organizations and universities. The school traces its roots to the Amrita Institute of Technology & Science that was started in 2002 with a vision to produce quality engineers with an attitude of service, for the benefit of the society and nation.

About Department of ECE

The Department of Electronics and Communication Engineering (ECE) offers four year B.Tech. Degree courses in ECE and EIE branches, two year M.Tech. Courses in VLSI Design and Communication Engineering & Signal Processing and Ph.D. Programmes. The Department is equipped with excellent Infrastructure, Laboratories and Research facilities. It has well qualified, experienced and dedicated faculty to impart fundamental and applied knowledge in various domains of Electronics Communication and Instrumentation.

About the workshop

Aim: To increase the awareness on recent trends and developments on Photonics and Optical Communications and explore the prospective area of emerging applications. The workshop also aims to encourage and promote research interest in related areas.

Need: In India, photonics & optoelectronics fields are emerging and have tremendous scope. The areas like photonic nano sensors, optic & opto-electronics design is growing. However, not much awareness is noticed either in academia or industries. This workshop is an attempt to cater to the academicians and students to improve their familiarity and increase their interest in Photonics related areas. Also the forum that can be created through this workshop will help promote research collaborations between academia and industry.

Topics: The focussed topics in the area of Photonics, Nano Sensors, Optical Networks (Gigabit data), Emerging Optical Wireless such as Free Space Optics and Novel Visible light communications are being planned. A hands-on session with simulation tool RSoft is also included in the workshop

Speakers

Dr. Bishnu Pal

(Former Prof. IIT Delhi, Currently @ Tech Mahindra Technology Centre, Hyderabad)

Dr. G Hegde (Centre for Nano-Science and Engineering, IISc, Bangalore)

Dr. Kanwarjit Singh (Vice Chairman Technical, Tejas Networks)

Dr. T Srinivas, (IISc)

Dr. Yogesh Prasad (ISRO Satellite Centre, Bangalore)

Dr. Sai Siva Gorthi (IISc)

Dr. Navin Kumar (Amrita Vishwa Vidyapeetham, Bangalore)

Dr. Preetha Saran (Oxford College of Engineering, Bangalore)

