



**WORKSHOP
ON**



REGISTRATION FORM

Name :
Qualification :
Designation :
Department :
Institution :
Address :

Contact Ph. No :
E-mail ID :
(Please give your institute ID only)
Payment Details:

DD No : Date :
BANK : Amount :
PLACE :
Date :

Applicant's Signature

REGISTRATION DETAILS

The workshop is open to the faculty of Academic Institutions, Scientists, UG/PG students and Research Scholars of Science and Engineering streams.

REGISTRATION FEE Rs.1000

The registration fee should be paid in the form of Demand Draft in favour of "The Principal, SSN College of Engineering", payable at Chennai. The registration form can be downloaded from www.ssn.edu.in and the filled in form should reach the coordinator's email on or before 20th March 2015 without fail. Delegates can avail the college transport facilities to attend the workshop

All participants are requested to bring their own laptops with Windows OS for the hands-on session and furnish their institute e-mail id only for allocation of valid license failing which they will have to share with other participants.

ADDRESS FOR COMMUNICATION

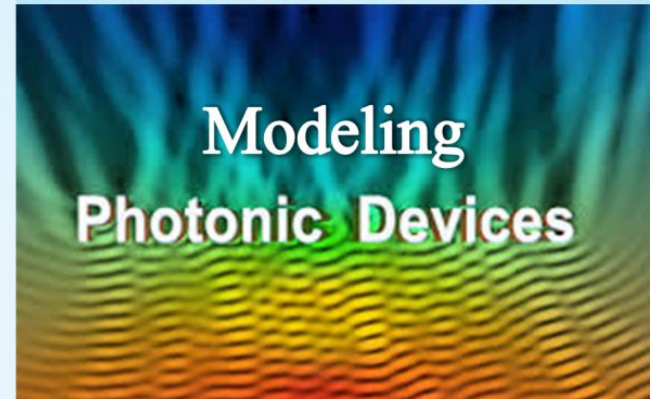
**Dr. Prita Nair / Dr. Premanand C
Dept. of Physics / Dept. of ECE**

SSN College of Engineering

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Kalavakkam - 603 110
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**WORKSHOP
ON**



30th - 31th March 2015

Coordinators

Dr. Prita Nair & Dr. Premanand C

Conveners

Dr. A.Rajalakshmi & Dr.Radha S

**Departments of Physics & ECE
SSN College of Engineering
Rajiv Gandhi Salai (OMR),
Kalavakkam – 603 110.**

SSN INSTITUTIONS



Sri Sivasubramaniya Nadar College of Engineering is the realization of the vision of Padma Bhushan Dr. Shiv Nadar, Founder & Chairman - HCL, to create a center of excellence in education and research accessible to people of all economic strata. SSN has evolved into an institution of repute in the last 19 years with SSNCE becoming a top ranked College under the dynamic guidance of Ms. Kala Vijayakumar, President SSN Institutions and good governance of Principal, Dr.S.Salivahanan.

SSN, which offers a distinctive combination of finest undergraduate, graduate and research programs, accomplished faculty members and world class facilities on a sprawling 250 acres of sylvan surroundings is the most preferred destination of aspiring engineers in Tamil Nadu and other states. SSN places emphasis on nurturing interdisciplinary research and full 360 degree development of its students

DEPARTMENTS OF PHYSICS & ECE

The Departments of Physics and ECE were established in SSN's formative year, 1996. The Physics department has 9 faculty members actively involved in research in various fields like crystal growth, photonics, luminescence studies, nano materials, radiation physics and underwater acoustics. Apart from catering to the basic science courses of all engineering streams, the department which is a recognized Research Center of Anna University, offers fulltime/part-time PhD programs and have been executing projects sponsored by DST, DRDO, BRNS, AICTE, NRB and IGCAR along with internally funded projects.

ECE is a DST-FIST sponsored department with 43 faculty members and is also a recognized Research Centre of Anna University. The department offers B.E, M.E and PhD level programs and is also actively involved in projects sponsored by DST, DRDO, AICTE, IGCAR and INTEL.

Both Physics and ECE departments have a rich tradition of interdisciplinary research and have jointly set up collaborative labs, the Optical Research & Networks lab and the National MEMS Design Centre. Physics and ECE has on its own, the Centre for Crystal Growth & Physical Sciences Research Lab and the Wireless Technology Lab respectively.

WORKSHOP THEME

The limitations of conventional technologies in terms of speed, capacity and accuracy has elevated the importance of photonics to that of the key-enabling technology for the future, catering to the major challenges in the modern world - developing economical green energy, high speed communication networks, managing healthcare costs and quality, ensuring security in cyberspace, and much more. This year 2015 is therefore celebrated as the International Year of Light.

The objective of this workshop is to help the participants understand and assimilate, the principle, theory, operation and system integration of some photonic devices that form the cornerstone of high speed communications systems through hands-on simulation and modeling.

RESOURCE PERSONS

Experts from academia, and industries will be guiding the participants through the workshop sessions.

WHO CAN ATTEND THE WORKSHOP

- (I) Research scholars and students
- (ii) Teachers and Academicians
- (iii) Scientists and other industrial researchers