

# School of Electronics Engineering, KIIT(DU)

## **Report of Workshops/ Conference/Seminar/Webinar**

The school periodically organizes different types of workshops, seminar, conference of national and international types so as to impart new skill set to the students, faculty members. In this process persons of national and international repute are invited to give the talk on various emerging technology of electronics and Communication filed.

## Chief Patron

Prof. A. Samanta , Founder  
KIIT & KISS, Bhubaneswar, Odisha

## Patron

Dr. S. Acharya, Pro-Chancellor, KIIT University

## Chairperson

Dr. H. K. Mohanty, Vice Chancellor, KIIT University

## Co-Chairperson

Dr. Sasmita Samanta, Registrar, KIIT University  
Dr. S. Nanda, Head CIR, KIIT University

## Program Chair

Dr. S. L. Sharma, Chairman  
PG Programme, KIIT University  
Prof. A. K. Sen, Chairman  
UG Programme, KIIT University  
Dr. A. K. Ray, Dean  
School of Electronics Engineering., KIIT University

## Co-ordination Committee

Dr. A. Datta, Associate Dean  
School of Electronics Engineering, KIIT University  
Dr. U. P. Singh  
School of Electronics Engineering, KIIT University  
Dr. J. S. Roy  
School of Electronics Engineering, KIIT University  
Dr. J. R. Panda  
School of Electronics Engineering, KIIT University  
Dr. S. K. Behera  
School of Electronics Engineering, KIIT University  
Dr. A. Deb  
School of Electronics Engineering, KIIT University  
Prof. G. S. Rout  
School of Electronics Engineering, KIIT University  
Prof. V. Jha  
School of Electronics Engineering, KIIT University



**Dr. Brij Mohan Arora**  
IIT BOMBAY  
Research Interests  
Optoelectronic materials and devices III-IV compound  
semiconductors solar cells



**Dr. Prasant Kumar Sahu**  
IIT BHUBANESWAR  
Research Intrest  
Advanced Modulation Formats and  
Signal Processing Schemes, Communication System Design  
and Modelling, Fiber Optics Device Design and Simulation,  
High Bit-rate System Design, Optical Communication,  
Optical Sensor, Photonic-electronic Signal Processing,  
Speech Signal Processing.



**Dr. Swapan Konar**  
Birla Institute of Technology, Mesra  
Research Intrest  
Photonics, Fiber and Integrated Optics  
Optical Communication  
Nanophotonics  
Nonlinear Dynamics



**Dr. Shailendra Kumar Varshrey**  
IIT Kharagpur  
Research Interests:  
Fiber Optics & Optical Communication;  
Fiber Components and Devices Photonic Crystal Fibers  
Nano-photonics Fiber Optic Sensors Plasmonics,  
Terahertz photonics Quantum photonics,  
mid-IR photonics Opto-fluidics and functional optical fibers



## Convener:

**Prof. Pranaw Kumar**  
Faculty Advisor  
KIIT OSA STUDENT CHAPTER  
School of Electronics Engineering,  
KIIT University, Bhubaneswar

## Venue:

School of Electronics Engineering, Campus- 12, KIIT University,  
Bhubaneswar-24, Odisha

## Important Dates:

8<sup>th</sup> - 9<sup>th</sup> December 2017  
Time: 10:00AM to 5:00PM

OSA<sup>®</sup>  
The Optical Society



OSA  
KIIT Student Chapter

## 3<sup>rd</sup> National Workshop on “Recent Trends in Optics and Photonics Technology”

8<sup>th</sup> - 9<sup>th</sup> December, 2017

Organized by:

KIIT OSA STUDENT CHAPTER

School of Electronics Engineering, KIIT University, Bhubaneswar-24, Odisha



Organized by:-

**KIIT OSA STUDENT CHAPTER**

of

**School of Electronics Engineering,  
KIIT University,  
Bhubaneswar-24, Odisha**

ADDRESS FOR CORRESPONDENCE :-

Prof. Pranaw Kumar  
School of Electronics Engineering, Campus-12,  
KIIT University, Bhubaneswar-751024, Odisha.  
Mobile No. :- 8280062387, 9778391778 Fax No. :-+91-0674-2725453  
Mail Id. :- pranaw.kumar@kiit.ac.in

## About KIIT University

Our KIIT University is an advanced centre for pursuit of knowledge, unfettered by the barriers of nationality, language, cultural plurality and religion. It is in vision to import quality value based education of international standards and imbibing skill for solving real life problems. Equipped with modern amenities, KIIT University has created the environment for the smooth conduction of many mega events. Aesthetic campus of the KIIT University perched in the historic city of Bhubaneswar in idyllic surroundings provide an ambient environment for intellectual pursuit. At KIIT University, we are persistently marching ahead to attain excellence both in innovation, quality and quantity of technical and professional education.

## About the School of Electronics Engineering

School of Electronics Engineering, established in 1998, offers full time four year programs leading to B.Tech degree in Electronics & Telecommunication Engineering, Electronics & Electrical Engineering, Applied Electronics & Instrumentation Engineering, Electronics and Computer Science and Electronics & Control Engineering and two - year program leading to M.Tech Degree in Communication system Engineering, VLSI & Embedded System Engineering and RF and Microwave Engineering. School of Electronics Engineering is equipped with the latest state -of -the art equipment imparting quality education. It has a term of dynamic and qualified faculty members from elite institutes like IITs, NITs and other reputed Universities with proven credentials, which attract quality students from all over the country. The School has student professional chapters like KIIT OSA STUDENT CHAPTER. The school has a tradition for arranging invited lectures and sponsored projects to bridge the gap between the industry and the institute.

## About Bhubaneswar

Bhubaneswar, the capital city of Odisha, is also popularly known as the "Temple city of India". Being the seat of Tri Bhubaneswar or "Lord Lingraj", Bhubaneswar is an important Hindu pilgrimage centre. Hundreds of temples dot the landscape of Old Town, which once boasted of more than 2000 temples. Bhubaneswar is the place where temple building activities of Odishan style flowered from very inception to its fullest culmination extending over a period of over one thousand years. The new Bhubaneswar with its modern buildings and infrastructure perfectly complements its historic surroundings. With facilities to cater to every type of visitor, Bhubaneswar makes an ideal tourist destination.



## About the symposium

Once again, KIIT OSA STUDENT CHAPTER, at KIIT University, Bhubaneswar will host the annual workshop on "RECENT TRENDS IN OPTICS AND PHOTONICS TECHNOLOGY" to be held on 8<sup>th</sup> and 9<sup>th</sup> December 2017. Optical Science and Photonics are areas of growing importance that are too often missing from traditional undergraduate science and engineering curricula. It is to be noted that aspects of optics and photonics, often are picked up as side topics in undergraduate and post graduate courses. KIIT OSA STUDENT CHAPTER is organizing a workshop with an aim to bring together theorist and experimentalist working across a wide range of optics and photonics together. This workshop will provide a forum for both faculty and students to learn from basics to the latest works in the field of optics and photonics.

## Registration Fee

Student/Research Scholars	:Rs. 500/-
Faculty Members (From KIIT University)	:Rs. 600/-
Faculty Members	:Rs. 700/-

*No Registration Fee required for OSA members.*

## Mode of Payment

Payment can be made by cash during or before Registration.

## Topics

The main objective of this workshop is to focus on the recent trends and innovative technologies in the field of optics and photonics. The workshop will be elaborating the following topics:-

- ❖ Basics of Photonic Crystal Fiber.
- ❖ Issues in designing Photonic Crystal Fiber.
- ❖ Future of photonics in communication fields.
- ❖ Free space optical communication.
- ❖ Challenges of free space optical communication.
- ❖ Opto-electronics
- ❖ Silicon solar cells and modules.



## Registration Form 3<sup>rd</sup> National Workshop

on

"Recent Trends in Optics and Photonics Technology"

8<sup>th</sup> - 9<sup>th</sup> December, 2017

Organized by:

KIIT OSA STUDENT CHAPTER

School of Electronics Engineering, KIIT University, Bhubaneswar-24, Odisha

Name: .....

Designation: .....

Organization: .....

Address: .....

Tel. No. with STD Code: .....

Fax: ..... Mobile No: .....

Email: .....

Date: .....

Signature



Help Desk :

**BINAYAK ANAND**

President

KIIT OSA STUDENT CHAPTER

Contact No. :- 8093319903

Mail Id. :- binayak0612@gmail.com

Follow us on Facebook:- "KIIT Optical Society of America"

<https://www.facebook.com/KIIT-Optical-Society-of-America-1643023335957095/>