



**One Day Workshop
on
Advances in Light based Technologies**

31st May, 2018

Sponsored by TEQIP III



**Coordinators
Dr. Sourabh Roy
Dr. P. Abdul Azeem**

**Organized by
Department of Physics
National Institute of Technology
Warangal – 506 004
Telangana state, india**

Resource person:

**Prof. R. M. Vasu, IISc Bangalore
Prof. P. Pradeep, NIT Calicut
Prof. D. Roy, IISc Bangalore**

Registration is open to:

This workshop is open for science and engineering faculties, research scholars and PG students aspiring for research and academics.

How to Apply:

The interested candidates can inform their willingness by sending an email to sroy@nitw.ac.in. The fee details are given below. The candidates are requested to pay online in following address. However the spot registration is possible with prior information.

Registration Fees:

Category	Fees
Delegates from Academic and R&D Institutes	Rs. 500/-
Delegates from Industry	Rs. 1000/-

Account Details:

Account name	TEQIP III Funds
A/C No.	37583198741
Bank	SBI
Branch	REC Warangal (NIT Campus)
IFSC	SBIN0020149

For any queries regarding this workshop, please contact the Coordinators.

Dr. Sourabh Roy and Dr. P Abdul Azeem
Associate Professors
Department of Physics
National Institute of Technology, Warangal
Telangana State, India
Ph: 8332969473, 8332969474

About the Workshop

The developments of light based systems are inevitable for current needs of technology. The research and development of light based technologies are looking for more and more efficiency by tackling many challenges. However application wise the field is vast and there are huge opportunity, the workshop will address the developments of light based technologies for biomedical imaging and renewable energies. The invited speakers will highlight the recent trends, challenges and future prospects of those technologies.

Brief profile of the Department of Physics:

The Department of Physics is involved in teaching UG and PG students of Engineering and Science Programs. The department has highly qualified, motivated and experienced faculty, who guide Ph.D. Scholars. The department offers a three year M.Sc. (Tech.) Engineering Physics program with specializations in Photonics, Electronics and Instrumentation. The department is actively engaged in research and having a number of sponsored R & D projects. The areas of research include Photonics, Material sciences, Nanomaterials, Glasses and Glass ceramics, Biomaterials, Ferroelectrics, Magnetic materials, Polymer degradation studies, Electronics, Biomedical Instrumentation and Radiation physics. The department has liaison with reputed industries and R&D organizations like BEL, CSIO, ELOIRA, etc.

About NIT Warangal and Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 31 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study on the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and laboratories.