

## WORKSHOP ON

### Recent Trends in photonics Technology

#### OVERVIEW

OSA & SPIE, IIT (ISM) Student Chapter at Department of Electronics Engineering is going to organize a 5-days workshop on 4<sup>th</sup> Recent Trends in Photonics Technology (RTPT 2018) at Indian Institute of Technology (Indian School of Mines), Dhanbad from 03<sup>rd</sup> - 07<sup>th</sup> October, 2018.

RTPT - 2018 is aimed to expose participants to current practices in optical communication, optical networks & emerging areas of photonics such as silicon photonics and microwave photonics. The theory sessions will be followed by hands on training on commercial simulation software giving an enriching experience to the participants.

The present workshop RTPT-2018 is partially supported by **Optical Society of America (OSA) and International Society of Optics & Photonics (SPIE), USA.**

#### ABOUT IIT (ISM), DHANBAD

The Indian Institute of Technology (Indian School of Mines), Dhanbad is a fully residential technical Institute located in the mineral-rich belt of India in the city of Dhanbad, Jharkhand. It was established in 1926 on the lines of the Royal School of Mines, London. It started as an institution to impart mining education flourished into a full-fledged technical institution of international acclaim offering a host of programs like B. Tech., M. Tech., Dual Degrees, M. Sc. Tech, Integrated M.Sc., Integrated M.Sc. Tech. and MBA. In addition, the Institute offers full as well as part time Ph.D. programs, and awards D.Sc. In financial budget speech 2015, Hon'ble

Finance Minister declared ISM to be upgraded into full-fledged IIT from year 2015.

#### ABOUT OSA & SPIE IIT(ISM) CHAPTER

Indian Institute of Technology (Indian School of Mines) Optical Society of America (OSA) and International Professional Society for Optics and Photonics Technology (SPIE) Student Chapters constituted on 17 July 2013 and on 1 November 2013 respectively with active cooperation from students and the effective guidance of the Chapter Advisor. These student chapters' work under the sole guidance of Chapter Advisor, who heads the working committee consisting of primarily student members. The working committee comprises of student members acting as President, Vice-President, Secretary and Treasurer.

These chapters' work with certain objective, which include being one of the largest and active student branches in eastern India and thereafter making its presence felt at the national arena. It also aims at working in close collaboration with the industrial world that would thereby enable the members and participants to contribute with their innovative ideas in the field of optics. The chapters plan to enrich its member base through professional networking by providing career development and technical programming. The objective of these chapters is to raise awareness of optics and science learning through participation in events at its institution and in the local seats of learning. It also plans to disseminate awareness through youth education and outreach activities such as science fairs, laboratory tours and classroom demonstrations. They are non-profit organizations and are world's leading professional association for the advancement of technology.

## DATE & DURATION

03<sup>rd</sup>- 07<sup>th</sup> October, 2018

9:30AM to 5:00PM

Venue: Seminar Hall, Department of Applied Physics, IIT (ISM), Dhanbad, 826 004, Jharkhand.

#### WORKSHOP COORDINATORS

- **Prof. Vishnu Priye**  
Professor  
Faculty Advisor  
OSA & SPIE IIT (ISM) Student Chapter  
Email ID: [vishnupriye@iitism.ac.in](mailto:vishnupriye@iitism.ac.in)
- **Dr. Amitesh Kumar**  
Assistant Professor  
Faculty Treasurer  
OSA IIT (ISM) Student Chapter  
Contact No: 9431166555  
Email ID: [amitesh@iitism.ac.in](mailto:amitesh@iitism.ac.in)
- **Dr. Devendra Chack**  
Assistant Professor  
Faculty Treasurer  
SPIE IIT (ISM) Student Chapter  
Contact No: 9471191821  
Email ID: [devendra@iitism.ac.in](mailto:devendra@iitism.ac.in)

#### STUDENT COORDINATORS

**To join OSA & SPIE IIT(ISM) Chapters and for any query, please contact to:**

- Satish Chandra (JRF)  
Ph:9532997798  
Email ID: [chandra.satish1989@gmail.com](mailto:chandra.satish1989@gmail.com)
- Ritu Raj Singh (JRF)  
Ph:9430766402  
Email ID: [riturajsingh64@gmail.com](mailto:riturajsingh64@gmail.com)

