



National Science Day -2021 Celebration
National Webinar
on
Raman Effect and Fiber Optics Revolution
under the aegis of
Public Outreach Center of Pt. Ravishankar Shukla University, Raipur, C.G.

28th February 2021

Time : 10:00 AM

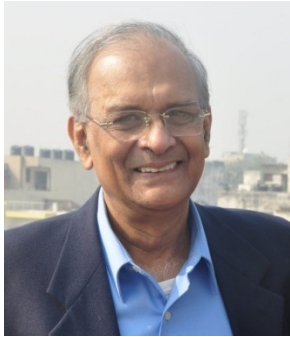
Organized by
SOS in Electronics and Photonics,
Institute of Renewable Energy Technology and Management,
Pt. Ravishankar Shukla University, Raipur, C.G.

About the Webinar

National Science Day is celebrated with great enthusiasm on 28 February to commemorate the discovery of Raman Effect on the same day in 1928 by Indian physicist and Nobel Laureate Sir Chandrasekhara Venkata Raman in India. Raman received the Nobel Prize in 1930 for his work on the scattering of light. The day is celebrated as one of the prominent science fests in India every year, during which students of various schools and colleges demonstrate motley of science projects and national and state science institutions exhibit their latest researches. The occasion is also widely spread a message about the significance of scientific applications in the daily life of the people.

The webinar will address the overview of Raman Effect and emerging field of fiber optics. The Webinar aims to highlight emerging in fields in the topic which can be used effectively in the classrooms and laboratories situations to promote a holistic learning experience for the students. The goal of this webinar is to bring teaching, learning, experimenting, researching and practicing communities together and provide a platform for imparting, sharing and experimenting various developments/trends according to need of present day and future.

About the Speaker



OSA Fellow Ajoy Ghatak is currently a NASI Meghnad Saha Distinguished Professor of National and International repute. He received MSc from Delhi University and Ph.D. from Cornell University. He is the recipient of many awards including CSIR Bhatnagar award for outstanding contributions in physical sciences, SPIE Educator award for unparalleled global contributions to fiber optics research and his tireless dedication to optics education worldwide, OSA Esther Hoffman Beller Award for outstanding contributions to optics education; OSI Amita De award for life long research contributions in the field of optics and dedicated service to the optics community, and ICO Galileo award. Most recently, he received the 2020 Sang Soo Lee Award from OSA “for his seminal role in the development of fiber optics and guided wave photonics and for pioneering optics educations in India.”

He has published extensively in the general area of optical waveguides and quantum well structures. The methods developed by him have been used by many researchers. He is author of many books including textbooks on OPTICS (translated to Chinese and Persian); Fiber Optics and Optical Electronics.

About Department

School of Studies in Electronics & Photonics is a bridge that connects pure, basic science like physics or material science with engineering practices. Faculty and students in applied science employ fundamental physical principles to create innovative new technologies. These novel solutions are then handed off to engineering disciplines to be refined, enhanced and used to address important societal problems.

Institute of Renewable Energy Technology & Management (IRETM) is one of its kinds in central India region to cover diverse issue of solar, wind, biomass, geothermal and other renewable sources.

Chief Patron

Prof. (Dr.) Keshari Lal Verma
Hon'ble Vice-Chancellor
Pt. Ravishankar Shukla University, Raipur, C.G.

Advisers

Dr. Kallol Kumar Ghosh
Director Public Outreach Centre
Dean, Faculty of Science
Pt. Ravishankar Shukla University, Raipur, C.G.

Prof. Girish Kant Pandey
Registrar
Pt. Ravishankar Shukla University, Raipur, C.G.

Coordinator

Prof. Sanjay Tiwari
Professor and Head,
S.O.S in Electronics and Photonics,
Institute of Renewable Energy Technology and Management,
Pt. Ravishankar Shukla University, Raipur, C.G.

Local Organizing Committee

Dr. Kavita Thakur

B. G. Krishna

G. S. Rathore

Dr. A.K. Verma

Sweta Minj

Ankita

Neha dewangan

Naman Shukla

Important Information about Webinar

- **No Registration Fee**
- **Registration Link: <https://forms.gle/u4bZi7rUEUtSaS3g9>**
- **Every Participant will get e-certificate on attending the webinar and filling the Feedback form**
- **Webinar Link:**

Contact us @ photonicelexprs@gmail.com