



IIT Indore

Chemical Sensors: Principles, Technologies and Applications



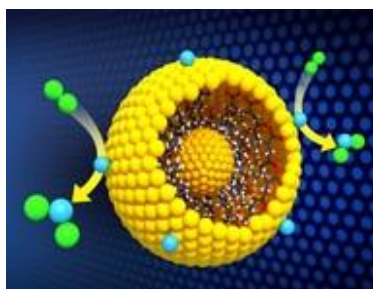
Ministry of Human
Resource Development
Government of India

The development of effective devices for the identification and quantification of chemical substances for process control, environmental monitoring and other advanced applications, is a growing need. The sensitivity and selectivity of such devices can be tailored to a particular application by modifications to the chemical structure of the sensing layer. This course will introduce participants to the recent development in chemical sensing technologies. The course will focus on (1) The classification of various sensors, and (2) the characteristics/mechanism of sensors. Participants will also have an opportunity to have hands on experiments with sophisticated instruments at IIT Indore.

Registrations Open

To Register Please Visit

<http://gian.iiti.ac.in/register.php>



Important Dates

Course Duration
July 1-9, 2016

Last Date of Registration
June 25, 2016

The Faculty



Prof. Giovanni Neri is Full Professor of Chemistry at the Department of Engineering of the University of Messina. His research interests includes the synthesis, characterization and application of nanostructured materials for different typologies of chemical sensors (electrical, acoustic (QCM and SAW), colorimetric and electrochemical sensors), for applications in industrial processes control, medical diagnostics, automotive and environmental fields.



Dr. Parasharam M. Shirage is Ramanujan Fellow at Indian Institute of Technology, Indore in Centre of Materials Science & Engineering. His research interests includes nanomaterials from mechanism to applications, superconductors, single crystal growth, novel advanced functional materials, materials under high pressure and high temperature, energy conversion and storage.

Participation Fees

Participants from India:	
Industry/ Research Organizations:	Rs. 10,000:00
Faculties/Scientist:	Rs. 4,000:00
Students:	Rs. 2,000:00
SAARC Countries	US \$100:00
Non-SAARC Countries:	US \$500:00

Please find payment details
<http://iiti.ac.in/GIAN/>

For more details please contact

Dr. Parasharam M. Shirage

Principal Coordinator
Centre for Materials Science and Engineering
Indian Institute of Technology Indore-453552
INDIA

Phone: +91-731-2438739
Mob: +91-7875222331
Email: pmshirage@iiti.ac.in,
paras.shirage@gmail.com

Food & Accommodation

- *Accommodation Limited in IIT Indore Hostel on payment and First Come First Serve basis*
- *Registration Fees does not include Food and Accommodation*