



IITB Sensor Workshop: Sensing the World

March 5 - 6, 2021

Sensors are ubiquitous in our lives. They have improved all aspects of our lives including health, smart homes, automotives, industries, agriculture etc. The purpose of this workshop is to bring together experts who work in varied aspects of sensors and systems starting from sensor's design, materials, theories, fabrication and developing real time applications using sensor interfacing, software, algorithm, data analysis, etc. The workshop would not only provide a platform to showcase the activities going on in the institute in the sensors domain, but would also bring in experts from industries and other academic institutions to gauge the current developments and opportunities in this domain. Through the panel discussions, the workshop would try to understand the challenges, needs of specific technologies and leverage on the existing expertise to bring out the solutions that potentially would enhance socio-economic growth.

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Friday, March 5, 2021 | 9:00 AM – 5:30 PM

Keynote Speaker



Prof. Navakanta Bhat
Dean, Division of Interdisciplinary Studies, IISc

Sensor Theory, Materials, Design, Fabrication



Prof. C. Subramaniam
IIT Bombay



Prof. Amit Agrawal
IIT Bombay



Prof. Kasturi Saha
IIT Bombay



Prof. Hsiao-Wen Zan
NCTU, Taiwan



Prof. Anil Kumar
IIT Bombay



Prof. Prasanna Gandhi
IIT Bombay

Sensor Interfaces, Signal Processing, Packaging



Prof. Pradeep Dixit
IIT Bombay



Prof. Pramod Murali
IIT Bombay



Prof. Swaroop Ganguly
IIT Bombay



Prof. Ajit Rajwade
IIT Bombay



Prof. Ravi Gudi
IIT Bombay



Prof. Mrinal Kumar
Ohio State University

Panel Discussion

Translating sensor research into products in India



Dr. Suraj Rengarajan
Applied Materials



Prof. Vasant Kumar
Cambridge University



Prof. Ravi Gudi
IIT Bombay



Mr. Runal Dahiwade
Peppermint



Mr. Shashank Kumar
Multi Nano Sense Technologies



Ms. Poyni Bhatt
SINE, IIT Bombay

Saturday, March 6, 2021 | 9:00 AM – 5:30 PM

Keynote Speakers



Prof. V. Ramgopal Rao
Director, Indian Institute of Technology, Delhi



Dr. Nilesh M. Desai
Director, Space Applications Centre (SAC), ISRO

Sensor Applications for Industry 4.0



Prof. Siddharth Tallur
IIT Bombay



Dr. Ajay Agarwal
CSIR-CEERI



Dr. Nitin S. Kale
Nanosniff



Dr. T. N. Satish
DRDO - GTRE

Sensor Applications for Society



Prof. Rajesh Zele
IIT Bombay



Prof. Soumyo Mukherji
IIT Bombay



Prof. Suparna Mukherji
IIT Bombay



Prof. Maryam Shojaei
IIT Bombay



Prof. Rohit Srivastava
IIT Bombay



Prof. Debjani Paul
IIT Bombay



Prof. Rinti Banerjee
IIT Bombay



Prof. Dipti Gupta
IIT Bombay

Panel Discussion

Sensing the future of ubiquitous sensing



Dr. Alpana Dubey
Accenture



Dr. Chandrashekhar Nair
Bigtec Labs



Dr. Ajay Agarwal
CSIR-CEERI



Dr. Beena Rai
TRDDC, TCS



Prof. Amit Agrawal
IIT Bombay



Prof. Ajit Rajwade
IIT Bombay

Workshop Conveners:

Prof. Swaroop Ganguly, Electrical Engineering
Prof. Dipti Gupta, Metallurgical Engineering & Materials Science

For further details/clarifications, please contact:

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