

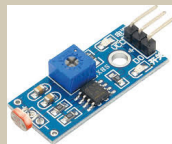


5 Day Faculty Development Program (FDP)

under

AICTE Training and Learning (ATAL) Academy

SENSOR TECHNOLOGY



Organised by:

Department of Physics
The University of Burdwan
Burdwan 713 104
West Bengal

Date:

23-26 September 2020

Last Date for Application:

14 September 2020 (17:00 hrs)

Platform: Google Meet

(Link To be shared)

Application Link:

<https://atalacademy.aicte-india.org/signup>

Local Organising Committee

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Dr Anindya BOSE

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Increasing demand in the modern society for automation, security, and comfort leads to new types of sensor systems. Growing macro trends in the fields like IoT, mobile technology, unmanned machines has dependence on sensors; sensor systems and the diversity in the applications are ever-increasing. To keep up with these new requirements, the understanding, design and integration of sensors in a complex system is essential to provide novel approaches and solutions offered by the recent developments in science and technology. The FDP is designed to discuss the emerging topics with support from experts in Industry, Research Organisations and Academia.

The broad topics covered (not limited to) will be:

- | | |
|-------------------------------------|------------------------------|
| Modern Materials for Sensors | Various types of Sensors |
| Android Devices as Sensors | Sensor for Biomedical Use |
| Microcontroller-Sensors Integration | Sensor based Applications |
| Sensor Data, Telemetry and Cloud | Sensor and Signal Processing |
| Sensor in Automobile | Sensor in IoT |

Tentative List of Speakers:

- [Dr Binoy K Das](#), Director, ITR, DRDO Chandipur
 - [Prof P K Chakrabarti](#), Dean Faculty of Science, BU
 - [Prof Dinesh Manandhar](#), CSIS, Univ of Tokyo, Japan
 - [Prof R Ghatak](#), E&CE, NIT, Durgapur
 - [Dr Mrinal Kanti Mondal](#), E&CE, IIT, Kharagpur
 - [Dr Surajit Kundu](#), E&CE, NIT, Sikkim
 - [Dr Sweta J Shah](#), EE, SVNIT, Surat
 - [Dr Debabrata Biswas](#), Bankura University, Bankura, West Bengal
 - [Mr Varadarajan Krish](#), Managing Director, Induct India
 - [Mr Hemanth Kumar H D.](#), Director, BD, V3Novous, Bengaluru
 - [Mr Parno Ghosh](#), CIO, UNO MINDA group, New Delhi
- No registration fees.
 - Interested candidates should register **before 14 September 2020 (17:00 hrs)**
 - The program would be completely **online during 22-26 September 2020** on **Google Meet** platform
 - **Maximum Participants: 150.** Up to 30% participants from the host Institution.
 - The program will cover theoretical, practical and application aspects.
 - The participants would take part in a test at the end of the program.
 - Course Completion Certificate would be issued to participants with 80% or more attendance AND 60% or more marks in the test
 - **For more details:** <https://atalacademy.aicte-india.org/signup>

Tentative Program Schedule

(22- 26 September 2020)

Application Link: <https://atalacademy.aicte-india.org/signup>

Last Date of Application: 14 September, 2020

Date/ Day	10:30-12:00	12:15-13:45	13:45-14:30	14:30-16:00	16:10-17:40
22/09/2020 (Tuesday)	Registration and Inauguration	Keynote Address Lecture #1	BREAK	Lecture #2	Reserve
23/09/2020 (Wednesday)	Lecture #3	Lecture #4		Lecture #5	Virtual Hands On: Case studies
24/09/2020 (Thursday)	Lecture #6	Lecture #7		Lecture #8	Networking (Optional)
25/09/2020 (Friday)	Lecture #9	Lecture #10		Lecture #11	19:00 – 20:00 pm
					Virtual Cultural Program (Optional)
26/09/2020 (Saturday)	Lecture #12	Lecture #13		Lecture #14	16:10-17:10
			Test and Evaluation		Valediction

About the University of Burdwan: <http://www.buruniv.ac.in/>

Department of Physics, The University of Burdwan: <http://phys.buruniv.ac.in>

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