

# Event Schedule

Fri, Nov 24, 2017

8:00am

## Registration & Morning Breakfast

🕒 8:00am - 9:30am, Nov 24

📍 Side Entrance

Beakfast will continue in dinning hall (Entrance from side gate).

9:00am

## Inaugural Ceremony

🕒 9:30am - 10:00am, Nov 24

📍 Auditorium

10:00am

## Keynote Session

🕒 10:00am - 11:00am, Nov 24

📍 Auditorium

Session Chair: **Prof. A K Nigam**, TIFR, Mumbai

Session Co-Chair: **Dr. Govind Prasad Kothiyal**, Former Head, Glass and Advanced Ceramic Division, BARC, Mumbai

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## 2 Subsessions

- **CHALGOGENIDE COMPOUNDS AS PROMISED MULTI-FUNCTIONAL OPTOELECTRONIC MATERIALS FOR IR SPECTRAL RANGE**

🕒 10:00am - 10:30am, Nov 24

📍 Auditorium

- **Low Field Tunable Microwave Absorption in Magnetic, Multiferroic and Superconducting Materials**

🕒 10:30am - 11:00am, Nov 24

📍 Auditorium

11:00am

**Networking Time (High Tea)**

🕒 11:00am - 11:30am, Nov 24

📍 Dinning Hall

### Invited Session-I

🕒 11:30am - 1:30pm, Nov 24

📍 Auditorium

Session Chair: **Prof. Michal Piasecki**, Jan Dlugosz University, Poland

Session Co-Chair: **Dr. Chintamani Das**, Programme Officer (BSC), BARC, Mumbai

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### 4 Subsessions

- **Bioactive Nano-crystalline Silcophosphates: Role of additives**

🕒 11:30am - 12:00pm, Nov 24

📍 Auditorium

- **New aspects of microwave absorption in Ni-Mn based Heusler alloy thin films**

🕒 12:00pm - 12:30pm, Nov 24

📍 Auditorium

- **Insulating properties of ZnO based glass ceramic - A potential material for the applications in PDPs**

🕒 12:30pm - 1:00pm, Nov 24

📍 Auditorium

- **Emergent metallic layer, superconductivity, magnetism, defects and Lifshitz transition in the oxide hetero-interface**

🕒 1:00pm - 1:30pm, Nov 24

📍 Auditorium

### Poster Session –I (Parallel)

🕒 11:30am - 1:30pm, Nov 24

📍 First Floor Gallery

**This session covers Paper id**

**A-0001 to A-0261**

● 1:00pm

### Lunch

🕒 1:30pm - 2:30pm, Nov 24

📍 Dinning Hall

● 2:00pm

### YAA Presentation

🕒 2:30pm - 4:30pm, Nov 24

📍 Auditorium

Session Chair: **Prof. P. N. Gajjar**, Department of Physics, Gujarat University, AHMEDABAD

Session Co-Chair: **PROF. A. S. PATRA**, Professor & H.O.D. Department of Physics, Sidho-Kanho-Birsha University, Purulia, West Bengal

### Poster Session -II (Parallel)

🕒 2:30pm - 4:30pm, Nov 24

📍 First Floor Gallery

**This session covers Paper id**

**A-0262 to A-0435 & B-All**

4:00pm

### Networking Time (Tea Break)

🕒 4:30pm - 4:45pm, Nov 24

📍 Dinning Hall

### Poster Session - III

🕒 4:45pm - 6:45pm, Nov 24

📍 First Floor Gallery

**This session covers Paper id**

**C-All, D-All, E-All**

7:00pm

### Cultural Programme

🕒 7:00pm - 8:00pm, Nov 24

📍 Auditorium

Cultural program will performed by professional artist. Participants can also give their performance.

8:00pm

### Dinner

🕒 8:00pm - 9:30pm, Nov 24

📍 Dinning Hall

Sat, Nov 25, 2017

8:00am

### Morning Breakfast

🕒 8:00am - 9:00am, Nov 25

📍 Dinning Hall

9:00am

### Invited Session-II

🕒 9:00am - 11:00am, Nov 25

📍 Auditorium

Session Chair: **Prof. Vijaya Srinivasu Vallabhapurapu**, University of South Africa, Pretoria, South Africa

Session Co-Chair: **Prof. N. Veeraiah**, Department of Physics, Acharya Nagarjuna University, Nagarjunanagar

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### 4 Subsessions

- **Magnetic and Magneto-caloric properties of magnetic antiperovskites: Potential Functional material**

🕒 9:00am - 9:30am, Nov 25

📍 Auditorium

- **Magnetism of Nano-Crystalline Zn ferrite thin films.**

🕒 9:30am - 10:00am, Nov 25

📍 Auditorium

- **In-situ formed surface film on the control of corrosion of alloys**

🕒 10:00am - 10:30am, Nov 25

📍 Auditorium

- **Integration of FTTH and Ethernet Transmission in a WDM PON using Reflective Semiconductor Amplifier and Polarization Multiplexing**

🕒 10:30am - 11:00am, Nov 25

📍 Auditorium

### Poster Session - IV (Parallel)

🕒 9:00am - 11:00am, Nov 25

📍 First Floor Gallery

**This session covers Paper Id**

11:00am

### Networking Time (High Tea)

🕒 11:00am - 11:30am, Nov 25

📍 Dinning Hall

### Invited Session-III

🕒 11:30am - 1:30pm, Nov 25

📍 Auditorium

Session Chair: **Prof. Shiv Prasad**, IIT, Bombay, Mumbai

Session Co-Chair: **Prof. Ananthakrishnan Srinivasan**, Deptt. of Physics, IIT  
Guwahati, Guwahati

### 4 Subsessions

#### ● ULTRAFAST OPTICS FOR INNOVATIVE SPECTROSCOPIES

🕒 11:30am - 12:00pm, Nov 25

📍 Auditorium

#### ● State of Art Model of Thermal Diode and Thermal Transistor - Basic Building Blocks for Controlling Flow of Phonons at Low Dimension

🕒 12:00pm - 12:30pm, Nov 25

📍 Auditorium

#### ● Multifunctional Nanocrystalline Ferroelectric Glass-ceramics: Synthesis, Properties and Applications

🕒 12:30pm - 1:00pm, Nov 25

📍 Auditorium

#### ● MoS<sub>2</sub> Based Ultrafast and Reversible NO<sub>2</sub> Sensor

🕒 1:00pm - 1:30pm, Nov 25

📍 Auditorium

### Poster Session - V (Parallel)

🕒 11:30am - 1:30pm, Nov 25

📍 First Floor Gallery

**This session cover Paper ID**

**H-070 to 129, I-AII, J-AII**

1:00pm

### **Lunch**

🕒 1:30pm - 2:30pm, Nov 25

📍 Dinning Hall

● 2:00pm

### **Poster Session - VI**

🕒 2:30pm - 4:00pm, Nov 25

📍 First Floor Gallery

**This session cover paper Id**

**K-All, L-All**

● 4:00pm

### **Networking Time (Tea Break)**

🕒 4:00pm - 4:30pm, Nov 25

📍 Dinning Hall

### **Valedictory Session**

🕒 4:30pm - 5:00pm, Nov 25

📍 Auditorium