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Dr. Hemalata Jena  
Asst. Prof., SME, KIIT

### Co-Convener

Dr. Ramanuj Kumar  
Asst. Prof., SME, KIIT

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Dr. B.B. Nayak  
Asst. Prof., SME, KIIT

Dr. A. Panda  
Asst. Prof., SME, KIIT

Dr. R.R. Behera  
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Dr. M. Ukamanal  
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Prof. M. Jena, KIIT

### Registration Fee

Faculty/ Research Scholar : Rs. 500/-

Students: Rs. 500/-

Defence Forces / Law Enforcement

Agencies / Statutory Authorities: Rs. 500/-

Industry and others: Rs. 1000/-

\*Registration Fee is Non Refundable  
Certificate will be issued only for the  
registered participants. It can be directly  
send to the participant's mail-id.

### How to Apply?

\* Directly click the link given below and enter  
all the details. Incomplete application will not  
be entertained.

[https://docs.google.com/forms/d/e/  
1FAIpQLSeyMGZ6DI0MtpSCh1IS3ouimb01eF-  
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\* Please keep a copy of registration form with  
you for future corresponding.

**\*For Online transfer, Payment towards  
registration fees should be made through  
on-line transfer. The bank details for  
payment of fee are as follows:**

**Account Name- KSOT Projects**

**Account Number- 50111785297**

**Bank- Allahabad Bank, KIIT Branch, Patia,  
Bhubaneswar**

**IFSC code - ALLA0212027**

## ONE WEEK ONLINE FDP

on

### **Advanced Materials (Fabrication, Characterisation and Applications)**

(20<sup>th</sup>-25<sup>th</sup> July) 2020



### Organized by:

School of Mechanical Engineering  
KIIT Deemed to be University  
Bhubaneswar-24, Odisha, India.

### Address For Communication:

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**SCHOOL OF MECHANICAL ENGINEERING**  
**KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)**  
**Deemed to be University**  
(Established U/S 3 of UGC Act, 1956)  
Bhubaneswar, Odisha, India  
**AN INSTITUTION OF EMINENCE**

## About KIIT

Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar is among India's most sought-after universities, attracting students from all over India and more than 53 countries to pursue professional and technical education. It has built its reputation as the most student-friendly university, anchored on the principles of Compassion and Humanity. With a diverse student body of 30,000, it is on its way to becoming an international hub for quality professional and technical education. The Govt. of India has recognized KIIT Deemed to be University an 'Institution of Eminence' (IoE). It is the first self financing university in the Eastern India to be ranked by the Times Higher Education World University Rankings and QS BRICS World University Rankings. The University has been ranked 2nd among all self-financing institutions of the country in Atal Ranking of Institutions on Innovation Achievements (ARIIA) of MHRD, Govt. of India. KIIT offers globally recognised bachelor's, master's and doctoral degree programmes in 200 plus disciplines, spanning engineering, medicine, management, biotechnology, law and more. -Detailed information about KIIT and KISS University can be obtained from:

<http://www.kiit.ac.in>, <http://www.kiss.ac.in/>

## About School of Mechanical Engineering:

The School of Mechanical Engineering, KIIT Deemed to be University possesses highly qualified and experienced faculty members from various IITs, NITs and other reputed institutions. The UG/PG students and Doctoral scholars get opportunity to involve themselves in high-end research work to build skills beyond curriculum. The current consultancy and research & development areas of the school include jet and spray impingement heat transfer, droplet and spray combustion, computational fluid dynamics, mechanical systems design & optimization, biomass and biofuels (synthesis, analysis and optimization), vibration and machine condition monitoring, metamachining, metal matrix/polymer matrix composites (fabrication and characterization), metal forming. We have to our credit a good number of publications in reputed SCI/Scopus indexed journals, patents and projects funded by bodies like AICTE, DST, DRDO, Institution of Engineers (IE), Govt. of India.

## About the FDP

The aim of the FDP is to provide in-depth knowledge of Advanced materials, their fundamental characteristics, synthesis, characterization and applications in the advancement of Science and Technology in different domains. The FDP will focus to create a platform between Academia and Industry to fill the gap between research in laboratory and its industrial application.

These activities will provide the participants an exposure to the state-of-the-art techniques used worldwide in the area of Functional materials and Material Science. This will also provide a platform for the participants to interact with the leading scientists and technologists and benefit from their vast experience in the area.

This FDP will be very helpful for all level of students (UG, PG as well as Research Scholar), Faculty members, Research scientist and Industry personnel who are working in the area of Materials, their synthesis, characterization and applications. The targeted audiences are from across the country.

### **This FDP will cover the following topics :-**

- Advance Functional Materials (AFMs)
- Nanomaterials, Biomaterials, Smart Materials
- Polymer, Ceramics, Composite Materials, Ferrous & Nonferrous Materials.
- Synthesis and Characterization Techniques
- Applications
- Prospects in the relevant area

## Invited Speakers

1. Dr. Parag Bhargava,  
Professor, IIT Bombay
2. Dr. Pranab Goswami,  
Professor, IIT Guwahati
3. Dr. Nabin K. Dhal,  
Chief Scientist, CSIR-IMMT, Bhubaneswar
4. Mr. Subhasish Ray (IPESS),  
Controller of Explosives, PESO, Kolkata
5. Dr. Sushant Rath,  
General Manager, SAIL R&D, Ranchi
6. Dr. Shrabanee Sen,  
Principal Scientist, CGCRI, Kolkata
7. Dr. Radhakanta Satpathy,  
Scientist-G, DMRL (Hyderabad)
8. Dr. Smrutiranjana Parida,  
Associate Professor, IIT Bombay
9. Dr. Alok K. Satapathy,  
Professor, NIT Rourkela
10. Dr. Smita Mohanty,  
Principal Scientist, CIPET Bhubaneswar
11. Dr. Bhabani K. Satpathy,  
Professor, IIT Delhi
12. Dr. Arun K. Pradhan,  
Associate Professor, IIT Bhubaneswar



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