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HOD, Mechanical Engineering.

Co-ordinators:

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General Manager (Rtd.), Cochin Shipyard Ltd.

Three Day Staff Development Programme

on

Research Opportunities and Challenges in Advanced Materials and Manufacturing.

Jointly Organized by



The Institution of Engineers India Kochi Local Center, Kochi.

And



Department of Mechanical Engineering
Federal Institute of Science and
Technology (FISAT)
Hormis Nagar, Mookkannoor P.O

Hormis Nagar, Mookkannoor P.C Angamaly, Kerala - 683577

June 8 - 10, 2016



About the Institution

Federal Institute of Science And Technology is a self-financing Engineering College, established and run by the Federal Bank Officers' Association Educational Society (FBOAES). The FBOAES is an initiative of the Federal Bank Officers Association (FBOA), the representative body of the officers of the Federal Bank. Established in the year 2002, FISAT has carved a niche for itself in the professional education sector of India with the motto "Focus on Excellence".

About the Department

The department of Mechanical Engineering was established in the year 2009 and has grown significantly and currently offers a post graduate course in Computer Integrated Manufacturing in addition to B.Tech degree course in Mechanical Engineering.

The department allows its students to customize their courses to meet their objectives and career goals which provide opportunities to learn fundamental and advanced technologies with sufficient practical knowledge.

About the Associating Organization

The event is being organized in association with The Institution of Engineers (India), Kochi Local centre.

The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is a multidisciplinary professional body that encompasses 15 engineering disciplines and provides a global platform to share professional interest.

Established in 1920, with its headquarters at Kolkata, IEI has served the engineering fraternity for over nine decades and has membership strength of nearly 1 million. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. IEI functions among professional engineers, academicians and research workers and has been inextricably linked with the history of modern-day engineering.

Programme Objectives

The proposed Staff development programme envisages on channelizing the potential of young researchers and their supervisors to concentrate on research and development of advanced materials and their manufacturing.

- To provide a platform for interactions among established and budding researchers.
- To accelerate the process of research in advance materials to support the *Make in India* initiative.

Course Contents

Current advancements in the research of new and advanced materials and their manufacturing will be explored. The areas of concentration includes but not limited to

- Tribology
- · Nanomaterials.
- Biomaterials.
- Composites.
- Heap Leaching.

Resource Persons

The resource faculty will be drawn from IITs, NITs and other premier research institutions. This Staff Development Programme is being organised to benefit faculties, practising engineers and students interested to take up research assignments in the field of material science and manufacturing.

Who Shall Attend?

The Staff Development Programme is aimed at the multifaceted audiences from ,

- Academic Faculty Members
- Research Scholars
- Professionals from Research Institutes.
- Members of Institution of Engineers (India).

Registration Details

- A scanned copy of the filled in registration form shall be sent to the coordinator through e-mail on or before 25-05-2016 to ensure participation and the selected candidates will be intimated on or before 31-05-2016.
- There is no Registration Fees; however the participants are required pay a sum of Rs 500/- (refundable) after selection to discourage last minute cancellations.
- No TA/DA will be provided to the participants, however they can avail college bus facility from selected destinations.
- Limited accommodation facilities are available for Outstation participants on prior request at payable basis.
- Further details and registration form are available at www.fisat.ac.in