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Vice Chancellor,
The ICFAI University Tripura

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The ICFAI University Tripura

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Principal, ITS
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Dr. Subodh Debbarma, HoD, ME
Dr. Palash Dey, HoD, CE

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Dr. Mrinmoy Dhar, Asst. Professor, ME
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Dr. Manish Sakhlecha, Professor, CE
Dr. Piya Biswas, Asst. Professor, CE
Dr. Amit Kumar Rana, Asst. Professor, ME
Dr. Payel Deb, Asst. Professor, ME
Dr. Subhrajyoti Deb, Asst. Professor, CE
Dr. Prasenjit Saha, Asst. Professor, CE
Prof. Bipul Sen, Asst. Professor, CE
Prof. Supradip Saha, Asst. Professor, CE
Prof. Ramu Debnath, Asst. Professor, CE
Prof. Srinjoy Roy, Asst. Professor, CE
Prof. Pritam Majumder, Asst. Professor, ME

Registration Fee:

For internal participants:

No registration fees

For external participants: Rs. 500/-

Last Date of Registration: 14.07.2023

Registration link:

For Internal participants:

<https://forms.gle/i61xstBETfFXNo1w9>

For External participants:

<https://forms.gle/quF5ewFQTNemYUN77>

Resource Persons:

Dr. Ram Naresh Rai

Professor, Department of Production Engineering
NIT Agartala

Dr. Syed Arshad Hussen

Professor, Department of Physics
Tripura University

Dr. Ajoy Kumar Das

Professor, Department of Mechanical Engineering
NIT Agartala

Dr. Partha Pratim Sarkar

Associate Professor, Department of Civil
Engineering NIT Agartala

Dr. Debdulal Tripura

Associate Professor, Department of Civil
Engineering NIT Agartala

Er. Ambarish Chatterjee

Principal Consultant
FCP Index & Connections Pvt. Ltd.

Five Days
Multidisciplinary Faculty Development
Program (FDP)
On
"Sustainable Engineering: Integrating
Multidisciplinary
Approaches for a Greener Future"

Date: 17th to 21st July, 2023



Organized By
Department of Mechanical Engineering
&
Department of Civil Engineering
ICFAI University Tripura
Venue: Auditorium, IUT

Theme of the FDP

Interdisciplinary Collaboration: Explore the importance of interdisciplinary collaboration in engineering and emphasize the need for engineers from different fields to work together to tackle complex sustainability challenges.

Sustainable Design and Innovation: Discuss the principles of sustainable design and innovation and highlight how engineering disciplines can contribute to the development of eco-friendly technologies, materials, and systems.

Renewable Energy: Renewable Energy: Focus on renewable energy sources, such as solar, wind, hydro and geothermal, and examine how different engineering disciplines can contribute to the design, implementation, and optimization of renewable energy systems.

Sustainable Infrastructure: Sustainable Infrastructure: Discuss the role of engineering in developing sustainable infrastructure, including green buildings, eco-friendly transportation systems, and efficient waste management strategies.

Resource Conservation and Waste Reduction: Explore strategies for resource conservation and waste reduction in engineering processes and systems, such as efficient use of materials, recycling and upcycling practices and minimizing energy consumption.

By choosing the topic of sustainable engineering and integrating multidisciplinary approaches, this FDP will foster collaboration, knowledge exchange, and inspire educators to incorporate sustainable engineering principles into their curriculum. It will equip participants with the necessary tools and understanding to develop sustainable solutions and contribute to a greener future through their engineering expertise.

About The Institute:

The ICFAI University, Tripura (referred to hereafter as the University) was established in 2004 through an Act of State Legislature (Tripura Act 8 of 2004). The University has been approved by the University Grants Commission, under Section 2(f) of the UGC Act, 1956. The ICFAI University, Tripura is a member of The Association of Commonwealth Universities (ACU), London, UK, Association of Indian Universities (AIU), New Delhi, India, The Institution of Engineers (India) and Association of Management Development Institutions in South Asia (AMDISA), Hyderabad. The University has accreditations of the following regulatory authorities: Bar Council of India (BCI), National Council for Teachers Education (NCTE), Distance Education Bureau (DEB) and NAAC. The University offers Bachelor, Master and Doctoral programs in management, finance, science and technology, information technology, education, law and other areas.

Faculty of Science and Technology:

The faculty of Science and Technology (FST) is a constituent of The ICFAI University, Tripura. It has been established to promote quality education, research, training and consultation in the field of science and technology with a global perspective to meet the challenges of the fast changing trends in the field and to match international standards.

About the Mechanical Engineering Department:

The department of Mechanical Engineering started its journey in the year 2010. Since its inception, the department is credited for development of state of the art. The department has produced worldwide competent Mechanical Engineers capable of contributing the society through innovation and working in the multi-disciplinary fields. The department aims to provide the students with a perfect blend of intellectual and practical experiences that helps them to serve our society and address a variety of needs and good human beings. The department has dedicated itself in development of state of the art technologies and is continuously pushing the boundaries of excellence.

About the Civil Engineering Department:

The department of Civil Engineering started its journey in the year 2008. The department has produced worldwide competent Civil Engineers capable of contributing the society through design, construction and maintenance of the physical and naturally built environment. The department aims to provide quality education and research facilities for industrial and societal needs.

About the FDP:

The topic for the multidisciplinary Faculty Development Program (FDP) in engineering is centered around sustainable engineering and the integration of multidisciplinary approaches to address the pressing challenges of creating a greener future. This FDP aims to explore how various engineering disciplines can collaborate and synergize their efforts to develop sustainable solutions that minimize environmental impact, conserve resources and promote long-term viability.

Account Details:

Account name: The ICFAI University Tripura
Account number: **50200031551468**
HDFC Sakuntala Road Branch
IFSC: **HDFC0004059**

