

Five Days
Online Short Term Course
On
**The Applications of Engineering
concept and Practices to Medical
fraternity for future generations**
to be held on
20th April 2024 - 24th April 2024



Organized by
**Department of Mechanical Engineering
National Institute of Technology
Manipur**

Chief Patron

Shri Bajrang Lal Bagra
Hon'ble Chairperson, BOG

Patrons

Prof. (Dr.) Kh. Manglem Singh
Hon'ble Director, NIT Manipur
Prof. Khumukcham Tomba Singh
Hon'ble Registrar, NIT Manipur

Coordinator:

Dr. Anil Kumar Birru, Associate Professor,
Head, Department of Mechanical Engineering
Contact: 8787786339; 8331866984
Email : birruresearch@gmail.com

Dr. Sabindra Kachhap, Assistance Professor
Department of Mechanical Engineering

Course Introduction:

The integration of engineering concepts and practices into the medical field holds immense potential for future generations, promising revolutionary advancements in healthcare. From the development of cutting-edge medical devices like imaging systems and surgical robots to the use of biomechanics for designing better treatments and materials, engineering is driving innovation. Biomedical imaging techniques enable non-invasive visualization for early disease detection and treatment planning, while biotechnology and AI are revolutionizing drug discovery and personalized medicine. Additionally, 3D printing is paving the way for customized implants, prosthetics, and tissue engineering solutions. These advancements are reshaping healthcare, making it more precise, efficient, and accessible, and are poised to transform the medical landscape for generations to come.

Resource Person:

- **Dr. Yambem Jina Chanu**, Associate Professor
Department of Computer Science and Engineering.
- **Dr. Khelchandra Thongam**, Associate Professor
Department of Computer Science and Engineering.
- **Dr. Sunil Panday**, Associate Professor
Department of Mathematics .
- **Dr.Sanasam Surendra Singh**,Associate Professor
& HOD, Department of Mathematics.
- **Dr. Anil Kumar Birru**, Associate Professor & HOD
Department of Mechanical Engineering.

Important Dates

- Registration Deadline: **18th April 2024**
- Course duration: **20 - 24th April 2024**

Account Details for Fee payment & GST number:

Name: **Director NIT Manipur IRG**
A/c No: **60330100000143**
Bank Name: **Bank of Baroda (IRG)**
Branch: **NIT Manipur Campus**
IFSC code: **BARBONITMAN**
GSTIN: **14AAAGN0032J3ZR**

Registration Fees:

Participants	Registration Fees (in Rs)	Total Payable (Fee + GST) (In Rs)
Students	100/-	118/-
Academician	350/-	413/-
Industrial Personnel	500/-	590/-

- * For spot registration extra Rs 100/- with GST will be charge, i.e. payable amount of **Rs 118/-**.
- * The Registration is compulsory for all participant and the fee paid is **non-refundable**.

Registration form:

<https://forms.gle/eDRMze8wKpUPF5PS7>

Convenor

- **Dr. Huirem Neeranjan Singh**,
Assistant Professor,
Department of Mechanical Engineering
- **Dr. Khundrakpam Nimo Singh**
Assistant Professor,
Department of Mechanical Engineering

Advisory Committee

- **Prof. Rajesh Kumar Bhusan**, Professor,
Department of Mechanical Engineering
- **Dr. Prabhat Kumar**, Assistant Professor,
Department of Mechanical Engineering
- **Dr. Thokchom Subhaschandra Singh**,
Assistant Professor, Department of
Mechanical Engineering
- **Dr. Maibam Bindya Devi**, Assistant Professor
Department of Mechanical Engineering
- **Dr. Ashutosh Kumar Singh**, Assistant
Professor, Department of Mechanical
Engineering

- Student Coordinator:**
- **Th Kheljeet Singh**
 - **P Vicky Kumar**
 - **Bokka Syam Babu**