

Newsletter

MANUFACTURING OUTLOOK

December, 2023

Department of Mechanical Engineering has been committed to providing cutting-edge engineering education, specifically suited for prospective mechanical engineers since 2012. Mechanical Engineering undergraduate program emphasize teaching and research heavily, with the goal of advancing the subject and demonstrating our steadfast dedication to creativity and academic success

DEPARTMENT OF MECHANICAL ENGINEERING



**Thakurpukur, Samali, B.H Road
Kolkata - 700104, West Bengal, India.**

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/9874155125**

RECENT ACHIEVEMENTS

SIX PATENTS IN LAST YEAR

By
Dr. Dipankar Sarkar,
Dr. Abhijit Bhowmik & MD. Farid Hossain



RECENT EVENTS HIGHLIGHTS

MOOC'S Attended
by Faculty Members
in 2023

OTHER REMARKS
The FDP is conducted in online mode. Participants are advised to have a Laptop or Desktop with proper internet connectivity. There is **NO REGISTRATION FEE** for the program. Registrations will be on a first come first serve basis. The **co-course** will be sent through an email to all the registered participants who have attended above 80% attendance & have scored at least 80% marks in the Test.

Important Dates
Registration Start From: 06 May, 2023. Last Date for Receiving Registration: 22nd May, 2023. Intimation of Selection: 28th May, 2023.

ORGANIZING COMMITTEE
Dr. N.C. Das, Professor, IIT, Department of Mechanical Engineering, IIT
Department
Mr. Anil Kumar, Assistant Professor, IIT
Department
Mr. Pratik Das, Assistant Professor, IIT
Department
Mr. Animesh Chakrabarti, Assistant Professor, IIT
Department
Mr. S. Saha, Assistant Professor, IIT
Department



FAUCON
Mr. Sumit Sarkar
Chairperson
Dean Institute of Technology

Dr. Dipankar Sarkar
Principal
Dean Institute of Technology

CONVENOR
Mr. Abhijit Bhowmik
Assistant Professor, IIT
Dean Institute of Technology

CO-CONVENOR
Mr. Animesh Chakrabarti
Assistant Professor, IIT
Dean Institute of Technology

ADVISORY COMMITTEE
Dr. Pratik Das
Professor, IIT
Department of Mechanical Engineering
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Three Days Online Faculty Development Program (FDP) on
RECENT ADVANCES AND CHALLENGES IN AUTOMOTIVE SECTOR
25th - 27th May, 2023



Organized by
DEPARTMENT OF MECHANICAL ENGINEERING

Dream Institute of Technology
Approved by AICTE & affiliated to MAKAUT
Accredited by NAAC
Sector, Kolkata-700104

Journal of Materials Research and Technology
Volume 12, January-February 2023, Pages 1181-1187

Evaluation of constitutive equations for modeling and characterization of microstructure during hot deformation of sintered Al-Zn-Mg alloy

Abhijit Bhowmik¹, Animesh Chakrabarti¹, S. S. Saha¹, Pratik Das¹, Dipankar Sarkar¹, A. K. Das¹, A. K. Das¹, A. K. Das¹, A. K. Das¹, A. K. Das¹, A. K. Das¹

Home > International Journal on Internet for Design and Manufacturing (IJIDM) > Article

Analysis of physical, mechanical and tribological behavior of Al7075-fly ash composite for lightweight applications

Original Paper | Published 17 October 2023
11870 | Check for updates

Abhijit Bhowmik, Animesh Chakrabarti, S. S. Saha, Pratik Das, Dipankar Sarkar, A. K. Das, A. K. Das, A. K. Das, A. K. Das, A. K. Das, A. K. Das

Dept. of Mechanical Engineering, Prerona

DREAM POPULAR LECTURER SERIES

Prospects and Challenges of Alternative Fuels in the Automobile Sector

Invited Talks
Dr. Prasanta Majumder
Assistant Professor (Senior Grade),
Faculty of Mechanical and Technical Sciences (FMTS),
Chennai, Tamil Nadu, India
Google Scholar Link: <https://scholar.google.com/citations?user=...>

Dept. of Mechanical Engineering, Prerona

DREAM POPULAR LECTURER SERIES

Basis of Electro Discharge Machining (EDM)

Invited Talks
Dr. Biplob Bhattacharjee
Assistant Professor,
Department of Mechanical Engineering,
Chennai Institute of Technology,
Egmore, Chennai,
Tamil Nadu, India. <https://www.researchgate.net/publication/...>

Home > Journal of Materials Engineering and Performance > Article

Tribological Characteristics of Spark Plasma Sintered Al-6 wt.%SiC Composite Explored by Gray-Fuzzy Optimization Approach

Original Research Article | Published 3 July 2023
11870 | Check for updates

V. S. S. Venkatesh, Pratik Das, S. S. Saha, A. K. Das, A. K. Das, A. K. Das, A. K. Das, A. K. Das, A. K. Das, A. K. Das

Seven Journal Paper in 2023
by
Dr. Abhijit Bhowmik

STUDENT PARTICIPATION & ACHIEVEMENT

Student Visit to
BIRLA INDUSTRIAL & TECHNOLOGICAL MUSEUM

Training and Internship

Final Year students have Undergone
Industrial Training and internships



Major Recruiter in Last Year



Last Year Placement 77%

Innovative B.Tech Projects



Low Cost EDM Setup



Abrasive Jet Machine



Gutter Cleaner

ABOUT US

MISSION OF THE DEPARTMENT

VISION OF THE DEPARTMENT

To be a top ten recognized Department of Mechanical Engineering in the Eastern Region providing excellent academic ambience producing Mechanical Engineers capable of serving Nation and the World.

M1: To provide the most effective teaching learning ambience with emphasis on student centric learning

M2: To remain constantly aligned with relevant industries to prepare job-ready graduates through offering training in line with Industry 4.0 and obtain collaborative projects and consultancy from industry

M3: To provide excellent training opportunities for faculty to remain constantly updated in their knowledge and skills.

M4: To encourage innovation and entrepreneurship by setting incubation center

Departmental Laboratory Facilities

- Engineering Graphics and Design Laboratory
- Workshop/Manufacturing Practices Laboratory
- Practices Of Manufacturing Processes Laboratory
- Practices Of Manufacturing Processes and Systems Laboratory
- Machine Drawing I & II Laboratory
- Mechanical Engineering Laboratory-I (Thermal)
- Mechanical Engineering Laboratory-II(Design Lab.)
- Mechanical Engineering Laboratory -III (Advanced Manufacturing Technology)

HOD's Message



Dr. Priti Shukla

Professor, Mechanical Engg. Deptt.

"One of the top departments in Kolkata is the Mechanical Engineering Department at DIT. We have been improving the quality of education since we were founded in 2012, and we firmly support the principle of outcome-based education"

Major Softwares Facilities



AUTOCAD



AUTODESK®
3DS MAX®



AUTODESK®
FUSION 360™



MATLAB

Ragging Free Campus
Student Credit Card facility
Interest Free Private Finance

SCHOLARSHIP FACILITY

You Learn-We pay

For more details contact: 033 24980376

