GL BAJAJ
Institute of Technology & Management
FIND YOUR SPARK

G.L. BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF MECHANICAL ENGINEERING

EDITION
AUG.-NOV.
2025

NEWS LETTER

TANTRA VARTA

CONTENT

ABOUT INSTITUTE

VISION

To be an institute of repute, providing globally competent and socially sensitive professionals.

MISSION

- To equip with the latest technologies to be globally competitive professionals.
- To inculcate qualities of leadership, professionalism, corporate understanding and executive competence.
- To imbibe and enhance human values, ethics and morals in our students.

G L Bajaj Institute of Technology and Management, Greater Noida, is a premier institution affiliated with Dr. A.P.J. Abdul Kalam Technical University. Renowned for its practical learning, innovation, and research, it offers modern infrastructure, expert faculty, and strong industry ties, ensuring excellent placements and holistic student development for career and societal contributions.

ABOUT DEPARTMENT

Vision

To evolve as a department of repute, providing valuable resources for industrial and social needs of the nation.

Mission

- To impart state of the art facilities in the area of Mechanical Engineering and provide skillful training to faculty, staff and students.
- To bridge the industry academia gap by providing domain specific knowledge that suits the industrial requirements.
- To create conducive environment for self-learning.
- To inculcate moral and social responsibility towards society.

Program Educational Objectives (PEOs)

- Excel in industries and higher education through analytical and technical skills.
- Design and develop reliable systems in order to meet social and environmental needs.
- Apply the concepts of Robotics and automation in manufacturing industries.
- Provide solution to the problems related with HVAC and automobiles.

Program Specific Outcomes (PSOs)

- Analyze the critical problems related to Mechanical design and provide their solutions.
- Simulate virtual environment for manufacturing through knowledge of CAD, CAM and CAE software.
- Evaluate issues related with Mechanical & Automotive Engineering through practical exposure.
- Apply the fundamentals of Thermal Engineering to design Refrigeration, Heating, Ventilation and Air Conditioning systems (R-HVACs).

DIRECTOR'S MESSAGE

MESSAGE FROM DIRECTOR, GLBITM

DR. PREETI BAJAJ

Welcome to G. L. Bajaj, where academics and activities seamlessly blend to shape future technocrats and business leaders. Our vision is to become a leading center for teaching, research, and innovation in Engineering and Technology through unwavering commitment to quality education and training.

At GL Bajaj, we instill strength of character, confidence, technical competence, and leadership in our students. This is achieved through a dedicated faculty, a state-of-the-art library, advanced labs, and modern teaching methods that make learning engaging and effective. Recognizing the challenges posed by globalization and rapid technological advancements, GL Bajaj proactively adapts to equip students with the skills and knowledge needed to excel in a competitive, ever changing world.

Our enviable academic record and exceptional placement success are a testament to the versatile talents of our student community. Beyond academics, we promote faculty development, seminars, workshops, and conferences to ensure continuous growth and development for both students and faculty. I warmly invite you to join GL Bajaj, where your journey toward innovation, excellence, and lifelong success begins. Together, let us shape a future full of opportunities and achievements.

HOD'S MESSAGE

MESSAGE FROM HOD, ME
DR. V. R. MISHRA

The Department of Mechanical Engineering at G. L. Bajaj Institute of Technology & Management, Greater Noida, was established in 2005 and offers a 4-year B.Tech. program.

The department is equipped with state-of-the-art laboratories, including Thermodynamics, Fluid Mechanics, CAD/CAM, Heat and Mass Transfer, Refrigeration & Air-Conditioning, Automobile Engineering, and more, as per AICTE guidelines.

To bridge the industry-academia gap, several Centres of Excellence have been established, including the Design Innovation Centre, CIM, Aerodynamics, HVAC-R, Robotics & Automation, and the SAP Learning Hub.

WELCOMING OUR NEW COLLEAGUES

Dr. B.N. Agrawal
Ph.D.
Prof (MED)

Dr. Prabhat Ranjan
Ph.D.
Asst. Prof (MED)

Dr. Ashish Kr. Singh
Ph.D.
Asst. Prof (MED)

Mr. Ritik Kumar
Diploma.
Lab Assistant (MED)

STUDENT ACHIEVEMENTS

Dassault Systèmes has awarded the distinguished 3DSwymer Associate certification to **Deo Manthan**, acknowledging his strong command of the 3DEXPERIENCE platform and its collaborative digital environment. Conferred on October 31, 2025, this certification highlights his capability to integrate design, engineering, and project workflows with precision and efficiency. As a certified 3DSwymer Associate, **Deo Manthan** stands out as a forward-thinking professional equipped to contribute to next-generation product development and innovation-driven engineering practices.

STUDENT ACHIEVEMENT

Bhavesh Krishna S. Pillai won the Best Prototype award at MEDHA 2025 – Medical Device Hackathon (Stage 1) held from 7–8 October 2025 by BETIC, IIT Bombay and GL Bajaj Institute of Technology & Management, Greater Noida. His innovative medical device prototype was recognized for its practical application and design excellence.

PLACEMENT HIGHLIGHTS

Mr. Yash Verma
UNO MINDA

Ms. Shivam Kumari
Blue Star

Mr. Shubham Tiwari
Blue Star

PLACEMENT HIGHLIGHTS

Mr. Ayush Chauhan
Blue Star

Mr. Aman Saxena
Blue Star

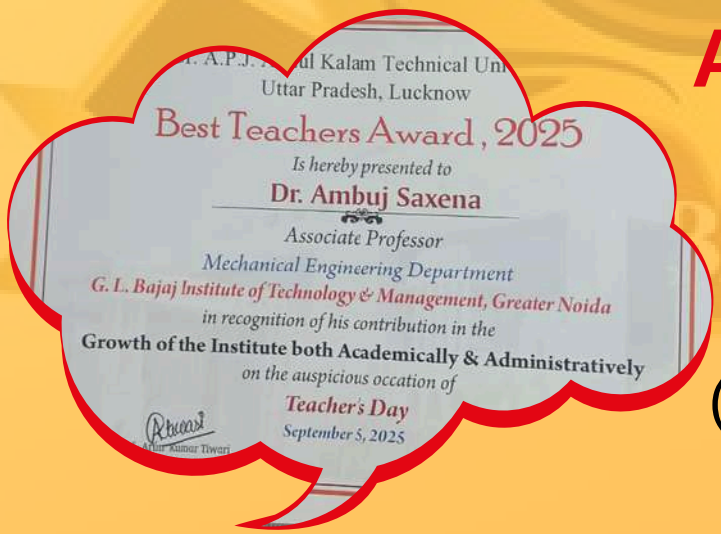
Ms. Priti Kumari
Saint gobain package:- 6.6 ctc
Lenskart package:- 5.5 LPA
munters:- 6 Ctc
SMS:- 5.6 LPA

STUDENT PARTICIPATION



The Department organized an Innovation & Entrepreneurship Outreach Program in an offline mode, engaging 45 students and 4 faculty members over a 3-hour session. The event aimed to promote innovation, entrepreneurship, and IPR awareness among school students through interaction with Atal Tinkering Labs and School Innovation Councils. It successfully fostered creativity, a problem-solving mindset, and a basic understanding of intellectual property rights.

FACULTY ACHIEVMENTS



AKTU Best Faculty Award 2025

Dr. Ambuj Saxena, Associate Professor (Mechanical Engineering), received the AKTU Best Faculty Award 2025

FACULTY ACHIEVMENTS

Global Educators Excellence Awards 2025

Mr. Rohit Sahu, Assistant Professor, Mechanical Engineering

- Honoured with Best Teacher Award 2025
- Awarded at Global Educators Excellence Awards 2025
- Recognition for exceptional dedication and excellence in education
- Award ceremony held on 5th October 2025.

FACULTY ACHIEVMENTS

Bharat Education Excellence Awards 2025

Mr. Rohit Sahu, G. L. Bajaj Institute of Technology & Management, Greater Noida

- Conferred with Kalpa Acharya Award
- Honoured at the Bharat Education Excellence Awards 2025 (5th Edition)
- Recognition for exemplary contribution to the Research & Education sector
- A proud moment bringing distinction to GL Bajaj Institute of Technology & Management.

FACULTY ACHIEVMENTS

Dr. Ashutosh Mishra, Faculty of Mechanical Engineering at G. L. Bajaj Institute of Technology and Management, Greater Noida, was honored with a Certificate of Appreciation for his significant contribution as Session Chair at the 3rd Biennial International Symposium on Fluids and Thermal Engineering (FLUTE-2025). The symposium, organized by the Department of Mechanical Engineering, Amity School of Engineering & Technology, Noida, was held on 7th–8th August 2025 under the theme "Innovations and Future Directions in Renewable Energy Harvesting and Sustainable Thermal Systems." His recognition highlights the institute's commitment to advancing research and academic excellence in emerging areas of thermal and renewable energy systems.

FACULTY ACHIEVMENTS

Dr. Ashutosh Mishra, Associate Professor, Department of Mechanical Engineering, G. L. Bajaj Institute of Technology and Management, Greater Noida, successfully participated and qualified as a teaching faculty in the Employability Skill Development Program introduced by JSW MG Motor India Pvt. Ltd. under the MG Nurture initiative in August 2025. This program, conducted in collaboration with upGrad Enterprise, aimed at enhancing employability-focused training and bridging industry–academia gaps, thereby empowering faculty to better mentor students for future career opportunities.

FACULTY ACHIEVMENTS


AMITY UNIVERSITY
UTTAR PRADESH
3rd Biennial International Symposium on Fluids and Thermal Engineering
(FLUTE - 2025)
Theme: Innovations and Future Directions in Renewable Energy Harvesting and Sustainable Thermal Systems
07th to 08th August 2025
Organised by
DEPARTMENT OF MECHANICAL ENGINEERING
Amity School of Engineering & Technology, Noida
presents
CERTIFICATE OF APPRECIATION
to
Dr. Shivam Mishra
GL Bajaj Institute of Technology and Management, Greater Noida, India
in recognition of significant contribution as
Session Chair
in the symposium FLUTE 2025

Dr. Shivam Mishra, Faculty of Mechanical Engineering, G. L. Bajaj Institute of Technology and Management, Greater Noida, was honoured with a Certificate of Appreciation for his significant contribution as Session Chair at the 3rd Biennial International Symposium on Fluids and Thermal Engineering (FLUTE-2025). The event, organized by the Department of Mechanical Engineering, Amity University, Noida, was held on 7th–8th August 2025 under the theme "Innovations and Future Directions in Renewable Energy Harvesting and Sustainable Thermal Systems." His role as Session Chair added great value to the academic discourse of the symposium.

FACULTY ACHIEVMENTS

NPTEL Course

We are pleased to share that **Dr. Brahma Nand Agrawal** has completed the NPTEL–AICTE Faculty Development Programme funded by the Ministry of Education, Government of India. He completed the 8-week course titled: "Accreditation and Outcome-Based Learning" (Aug–Oct 2025) with a consolidated score of 60%. This FDP, conducted by IIT Madras under the coordination of Prof. Andrew Thangaraj, focuses on enhancing teaching quality, understanding accreditation frameworks, and implementing outcome-based education practices.

FACULTY ACHIEVMENTS

NPTEL Course

We proudly acknowledge **Dr. Shivam Mishra** for completing the NPTEL–AICTE Faculty Development Programme funded by the Ministry of Education, Government of India. He completed the 4-week FDP course titled: "Product Design and Development" (Jul–Aug 2025) with an excellent consolidated score of 71%. This course, coordinated by Prof. Andrew Thangaraj from IIT Madras, focuses on modern product design methodologies, innovation strategies, and development practices essential for engineering education and industry readiness.

FACULTY ACHIEVMENTS


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

SURESH PRATAP

for successfully completing the course

Product Design and Development

with a consolidated score of 73 %

Online Assignments	21.67/25	Proctored Exam	51/75

Total number of candidates certified in this course: 1255

Prof. Kaushik Ghosh, Professor(Chemistry) Coordinator CEC

Jul-Aug 2025

(4 week course)

Prof. Ranjana Pathania, Professor (BSBE) Coordinator (NPTEL)

Indian Institute of Technology Roorkee

swayam

NPTEL Course

We are delighted to share that Mr. Suresh Pratap has successfully completed the NPTEL Online Certification course funded by the Ministry of Education, Government of India.

He completed the 4-week course: "Product Design and Development" (Jul–Aug 2025), earning the prestigious Elite certification with a consolidated score of 73%.

His performance included: Online Assignments: 21.67 / 25

Proctored Exam: 51 / 75

This course, offered by the Indian Institute of Technology Roorkee, focuses on innovation, product lifecycle planning, and modern development methodologies essential for engineering and industrial applications.

FACULTY ACHIEVMENTS

NPTEL Course

We are pleased to announce that **Mr Rohit Sahu** has completed the NPTEL–AICTE Faculty Development Programme, funded by the Ministry of Education, Government of India.

He completed the 12-week course titled:

"Mechanical Behaviour of Polymers and Composites" (Jul–Oct 2025) with a consolidated score of 56%.

This FDP, coordinated by Prof. Andrew Thangaraj from IIT Madras, focused on the mechanical characteristics, deformation mechanisms, and structural applications of polymers and composite materials—key areas in modern materials engineering.

FACULTY ACHIEVMENTS


DELHI TECHNOLOGICAL UNIVERSITY

COMMENDABLE RESEARCH AWARDS

Presented for Excellence in Research to

Ranjeet Kumar Singh

Department of Mechanical Engineering

In recognition for the research during the year 2024

RESEARCH & INNOVATION EXCELLENCE AWARDS-2025

Prof. Girish Kumar, Dean (R&D)

Prof. Prateek Sharma, Vice Chancellor

SEPTEMBER 19, 2025

Commendable Research Award – DTU

The Department of Mechanical Engineering proudly congratulates **Mr. Ranjeet Kumar Singh** on being honored with the Commendable Research Award by Delhi Technological University (DTU) under the Research & Innovation Excellence Awards-2025. The award was conferred in recognition of his excellence in research during the year 2024, acknowledging his significant contributions to advanced materials and mechanical engineering research. This prestigious recognition reflects his sustained efforts in high-quality research, publications, and innovation, and brings great pride to the department and the institution. The award was presented on 19 September 2025, underscoring DTU's commitment to promoting impactful and meaningful research.

FACULTY ACHIEVMENTS

ORIGINAL

INTELLECTUAL PROPERTY INDIA

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No : 462185-001

तारीख / Date : 13/06/2025

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *DEVICE FOR LASER-ASSISTED PRECISION WELDING* से संबंधित है, का पंजीकरण, श्रेणी 15-09 में 1.Girendra Bhati 2. Dr. Gyanendra Kumar Singh 3.Dr. Abhishek Kumar 4.Colonel Anil Kumar Singh 5.Dr. Rajeev Kumar 6.Vimal Kumar 7.Ajoy Kumar Nandy 8.Rohit Sahu के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-09 in respect of the application of such design to *DEVICE FOR LASER-ASSISTED PRECISION WELDING* in the name of 1.Girendra Bhati 2. Dr. Gyanendra Kumar Singh 3.Dr. Abhishek Kumar 4.Colonel Anil Kumar Singh 5.Dr. Rajeev Kumar 6.Vimal Kumar 7.Ajoy Kumar Nandy 8.Rohit Sahu.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Design Patent Grant

- **Issuing Authority: The Patent Office, Government of India**
- **Design Number: 462185-001**
- **Title: DEVICE FOR LASER-ASSISTED PRECISION WELDING**
- **Class: 15-09**

Applicants / Inventors:

Girendra Bhati, Dr. Gyanendra Kumar Singh, Dr. Abhishek Kumar, Colonel Anil Kumar Singh, Dr. Rajeev Kumar Singh, Vimal Kumar, Ajoy Kumar Nandy and **Rohit Sahu**

- **Date of Registration: 13/06/2025**
- **Date of Issue: 08/10/2025**
- **Validity: 10 years from date of registration (extendable as per Designs Act, 2000 & Designs Rules, 2001)**

FACULTY ACHIEVMENTS

ORIGINAL

INTELLECTUAL PROPERTY INDIA

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

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RESAERCH & PUBLICATIONS

S.No.	Publication Details	Indexing	Publication Date
1	• Authors: Arun Kumar, Gurpreet Singh, Shubham Sharma, Shashi Prakash Dwivedi, Changhe Li, **Ambuj Saxena**, Teku Kalyani, Manish Sharma, Ankur Kulshreshta, Yashwant Singh Bisht, Ehab El Sayed Massoud, & Abhinav Kumar • Title: Synergistic Mechanisms in Magnetic Abrasive Finishing Process: Optimizing Precision and Internal Roundness of Inconel-718 Superalloys for Aerospace Applications • Name of Journal: Journal of Materials Engineering and Performance • Publisher: Springer US	SCIE	6/8/2025
2	• Authors: **Abhishek Pandey, Nagendra Kumar Maurya,** Dharmendra Kumar Shukla, & Kailash Narayan Pandey • Title: Self-Healing Capabilities in Epoxy UF–DCPD Composites by • Investigating Fracture and Scratch Properties • Name of Journal: Polymer Engineering & Science • Publisher: John Wiley & Sons, Inc.	SCIE	5/9/2025
3	• Authors: Souvik Singh Rathore, **Shivam Mishra**, Vishesh Ranjan Kar, & Sanjay • Title: Response Surface Methodology-Based Optimisation of Intercooled Gas Turbine Featuring Ceramic Matrix Composite Blades • Name of Journal: Thermal Science and Engineering Progress • Publisher: Elsevier	SCIE	7/9/2025

RESAERCH & PUBLICATIONS

S.No.	Publication Details	Indexing	Publication Date
4	• Authors: Anurag Singh, Vineet Singh, **Vishwa Ratna Mishra**, & Vaibhav Trivedi • Title: Optimizing the Performance of the Air-Cooled Microchip by the Heat Sink • Name of Journal: Asia-Pacific Journal of Chemical Engineering • Publisher: Wiley	**SCIE**	25/9/2025
5	• Authors: Pradyut Anand & **Suresh Pratap** • Title: Enhancing the Mechanical Performance of Sustainable High-Performance Concrete Using Thermally Treated Natural Fibers: Experimental Evaluation and Machine Learning-Based Predictive Modeling • Name of Journal: Construction and Building Materials • Publisher: Elsevier	**SCIE**	26/9/2025
6	• Authors: Rahul Sharma, Ashish Kumar Srivastava, Rahul Chaurasia, & **Ambuj Saxena** • Title: Effect of Graphene Reinforcement and Process Parameters on the Hardness, Tribological, and Thermal Properties of Friction Stir Additively Manufactured Al2024 and AZ31B • Name of Journal: Canadian Metallurgical Quarterly • Publisher: Taylor & Francis	**SCIE**	2/10/2025

RESAERCH & PUBLICATIONS

S.No.	Publication Details	Indexing	Publication Date
7	• Authors: **Ranjeet Kumar Singh** and Ramesh Chandra Singh • Title: Optimization of Process Parameters to Minimize the Wear Loss of Al7075 T6/B4C Composites Developed by Stir Casting Process • Name of Journal: Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science • Publisher: SAGE	**SCIE**	4/10/2025
8	• Authors: **B.N.Agrawal**, P.K.S. Nain, M. Faateh, G.Choudhary • Title: Analysis of Honeycomb-Designed Sandwich-Like Structures Under Compression by Using ANSYS Software • Book Title: Recent Advances in Mechanical Engineering (FLAME 2024) • Publisher: Springer, Singapore	**Scopus**	8/10/2025
9	• Authors: **B.N.Agrawal**, P.K.S. Nain, M. Faateh, G.Choudhary • Title: Analysis of Honeycomb-Designed Sandwich-Like Structures Under Compression by Using ANSYS Software. • Book Title: Recent Advances in Mechanical • Engineering (FLAME 2024) • Publisher: Springer, Singapore	**Scopus**	8/10/2025

RESAERCH & PUBLICATIONS

S.No.	Publication Details	Indexing	Publication Date
10	• Authors: Vijay Chaudhary, Chanchal Ahlawat, Bhasha Sharma, **Rohit Sahu** • Title: Biodegradation and Characterization of 3-D Printed PLA-Based Polymer Composites Reinforced With Cellulose Based Hemp/Kenaf Fibers and Coconut/Walnut Fillers • Name of Journal: Polymer Composites • Publisher: Wiley (Society of Plastics Engineers)	**SCIE**	8/10/2025
11	• Authors: Swapna Banoth, Suresh Babu Valasingam, Raghavendra Gujjala, Prakash Kumar, **Suresh Pratap**, & Perumal Asaithambi • Title: Mechanical Performance and Predictive Tribological Modeling of Al7075 Composites Reinforced with Rice Hull Activated Carbon • Name of Journal: Scientific Reports • Publisher: Nature (Springer Nature Group)	**SCIE**	10/10/2025
12	• Authors: **Rohit Sahu**, Krovvidi Srinivas, & Atul Kumar Agrawal • Title: Experimental Investigation of Reinforcement TiB_2, Waste Glass Powder, and CuO on the Wear Rate, Coefficient of Friction, and Hardness of Al2024 Matrix Composites • Name of Journal: Applied Physics A • Publisher: Springer Nature	**SCIE**	28/10/2025

RESAERCH & PUBLICATIONS

S.No.	Publication Details	Indexing	Publication Date
13	• Authors: Manish Maurya, Mohit Vishnoi, Vikrant Singh, Nitin Kumar, & **Nagendra Kumar Maurya** • Title: Friction Stir Processed AA6063/TiB_2/B_4C Composite: Assessment of Mechanical and Wear Properties • Name of Journal: Arabian Journal for Science and Engineering • Publisher: Springer Berlin Heidelberg • Indexing: SCIE	**SCIE**	7/11/2025
14	• Authors: Achman Mishra, Manish Maurya, Shailendra Singh Chauhan, **Nagendra Kumar Maurya**, Ram Jatan Yadav, & Manish Giri • Title: Development and Parameter Optimization of Electrodes to Enhance Mechanical Properties in Underwater Wet Direct Current Welding of Fe 410 Steel • Name of Journal: Journal of Materials Engineering and Performance • Publisher: Springer US	**SCIE**	26/11/2025
15	• Authors: **Ranjeet Kumar Singh, Nagendra Kumar Maurya, Ambuj Saxena, Abhishek Pandey**, & Shailendra Kumar Verma • Title: Development and Characterization of Functionally Graded Al2024–Ni Metal Matrix Composite Leaf Plate under T3 Heat Treatment • Name of Journal: MAPAN • Publisher: Springer India	**SCIE**	26/11/2025

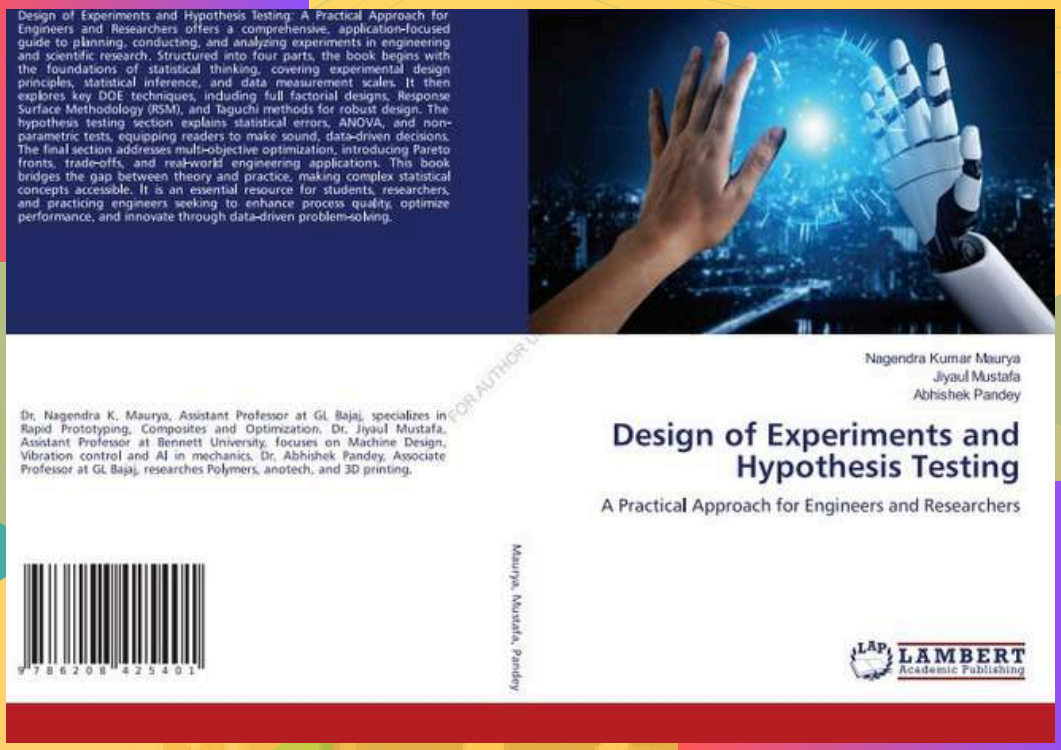
BOOK PUBLICATIONS & EDITORIAL ROLES

Book Publication

Research Methodology in Mechanical and Materials Engineering: Principles, Practices, and Applications

Authored by **Dr Nagendra Kumar Maurya**, Jyoti Mustha, and **Ambuj Saxena**, this book offers a comprehensive overview of research methodologies specifically tailored to mechanical and materials engineering. It systematically covers fundamental principles, practical research techniques, and real-world engineering applications, making it a valuable reference for postgraduate students, research scholars, and academicians. The book, published by LAP Lambert Academic Publishing, makes a significant contribution to strengthening the research orientation in engineering education.

BOOK PUBLICATIONS & EDITORIAL ROLES

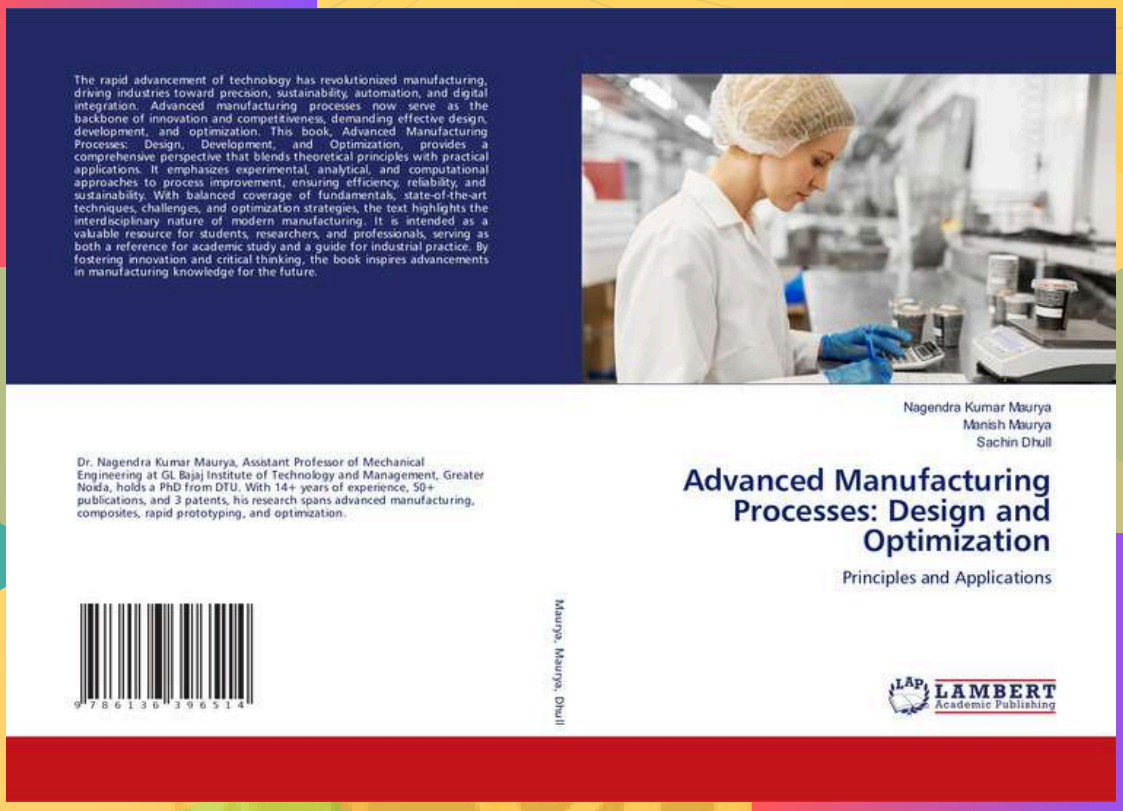


Book Publication

Design of Experiments and Hypothesis Testing: A Practical Approach for Engineers and Researchers

Authored by **Dr. Nagendra Kumar Maurya**, Jiyaul Mustafa, and **Dr. Abhishek Pandey**, this book presents a hands-on and application-oriented guide to design of experiments (DoE), statistical hypothesis testing, and data-driven decision-making in engineering research. The book systematically covers experimental planning, full and fractional factorial designs, ANOVA, regression analysis, response surface methodology, and multi-objective optimization using real-world engineering examples.

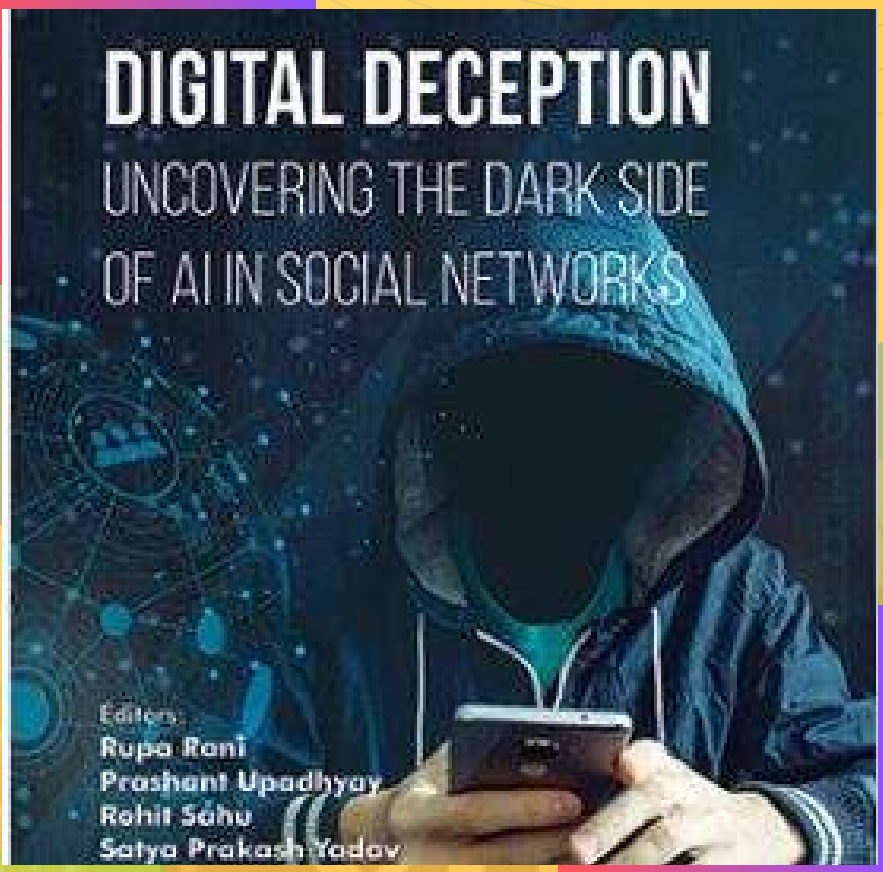
BOOK PUBLICATIONS & EDITORIAL ROLES



Book Publication

- Book Title: Advanced Manufacturing Processes: Design and Optimization – Principles and Applications
- Authors: **Dr. Nagendra Kumar Maurya**, Manish Maurya, Sachin Dhull
- Publisher: Lambert Academic Publishing (LAP)
- The book presents a comprehensive blend of design, development, and optimization of advanced manufacturing processes.
- Focuses on theoretical foundations, experimental approaches, and computational techniques for modern manufacturing.

BOOK PUBLICATIONS & EDITORIAL ROLES



Editorial Contribution

Dr. Rupa Rani, Dr. Prashant Upadhyay, **Mr. Rohit Sahu**, Dr. Satya Prakash Yadav, and Dr. Hardeo Kumar Thakur have served as Editors for Volume 4 of the book series "Federated Learning for Internet of Vehicles (IoV): Image Processing, Vision & Intelligent Systems", titled "Digital Deception: Uncovering the Dark Side of AI in Social Networks." The volume addresses critical challenges related to AI-driven misinformation, deceptive practices, and intelligent analysis in social networks,

FACULTY PARTICIPATION

This is to certify that

ROHIT SAHU

G.L.BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GREATER NOIDA
UTTAR PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

Entrepreneurship and Innovation Management in Real Estate Industry

Conducted by

Entrepreneurship Development and Industrial Coordination Department

from

28/07/2025 to 01/08/2025 (One Week)

at

Mr. Rohit Sahu from the Department of Mechanical Engineering, G. L. Bajaj Institute of Technology and Management, Greater Noida, successfully participated in the AICTE-recognized Faculty Development Programme (FDP) on "Entrepreneurship and Innovation Management in Real Estate Industry". The FDP was conducted by the Entrepreneurship Development and Industrial Coordination Department, NITTTR Chandigarh, from 28th July to 1st August 2025. The program provided valuable insights into fostering entrepreneurship, innovation, and managerial strategies relevant to the real estate sector

FACULTY PARTICIPATION

Faculty Development Programme Participation

Mr. Rohit Sahu actively participated in the National Faculty Development Programme (NFDP) on "National Education Policy–2020: Future Ready Transformations of Universities", conducted from 21st July to 25th July 2025. The programme was organized by the Internal Quality Assurance Cell (IQAC), MVN University, Palwal, Haryana. The FDP focused on understanding NEP-2020 reforms, outcome-based education, and strategies for transforming higher education institutions to meet future academic and societal needs.

FACULTY PARTICIPATION

NPTEL+ Workshop Certificate

This certificate is awarded to

ROHIT SAHU

for successfully completing the online workshop

Introduction to Practical Entrepreneurship

by Dr. C. Bhaktavatsala Rao, Ajit Singhvi Chair Professor, IIT Madras

Date : 2nd June, 2025 – 20th July, 2025

Prof. Ramkrishna Pasumarthy
NPTEL Coordinator

Faculty Development Programme Participation

Mr. Rohit Sahu successfully completed the NPTEL+ online workshop on "Introduction to Practical Entrepreneurship", conducted from 2nd June to 20th July 2025. The workshop was delivered by Dr. C. Bhaktavatsala Rao, Ajit Singhvi Chair Professor, IIT Madras, under the NPTEL initiative. The programme provided practical insights into entrepreneurship, innovation, and startup development, strengthening industry-oriented and application-based learning skills.

FACULTY PARTICIPATION

ATAL/2025/1755940455

Skill India

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that ***Dr. Vikash Kumar Chauhan, Assistant Professor*** *of* ***G. L. Bajaj Institute of Technology and Management, Greater Noida*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Sustainable engineering and Carbon Neutrality*** *at* ***TKM COLLEGE OF ENGINEERING*** *from* ***25/08/2025*** *to* ***30/08/2025.***

Saibi R
Associate Professor Level (AICTE Institute), Coordinator
TKM COLLEGE OF ENGINEERING

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Dr. Vikash Kumar Chauhan, Assistant Professor, Department of Mechanical Engineering, G. L. Bajaj Institute of Technology and Management, Greater Noida, successfully participated and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on "Sustainable Engineering and Carbon Neutrality". The FDP was conducted at TKM College of Engineering from 25th to 30th August 2025, under the guidance of the All India Council for Technical Education (AICTE), New Delhi

FACULTY PARTICIPATION

ATAL/2025/1755942332

Skill India

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that ***Dr. Rohit Kumar Singh, Assistant Professor*** *of* ***G. L. Bajaj Institute of Technology and Management, Greater Noida*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Sustainable engineering and Carbon Neutrality*** *at* ***TKM COLLEGE OF ENGINEERING*** *from* ***25/08/2025*** *to* ***30/08/2025****.*

Saibi R
Associate Professor Level (AICTE Institute), Coordinator
TKM COLLEGE OF ENGINEERING

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

Dr. Rohit Kumar Singh, Assistant Professor, Department of Mechanical Engineering, G. L. Bajaj Institute of Technology and Management, Greater Noida, successfully participated and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on "Sustainable Engineering and Carbon Neutrality". The FDP was held at TKM College of Engineering from 25th to 30th August 2025, and was organized under the aegis of the All India Council for Technical Education (AICTE), New Delhi

FACULTY PARTICIPATION

ATAL/2025/1755843066

Skill India

ATAL

AICTE

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that ***Dr. Suresh Pratap, Assistant Professor*** *of* ***GL Bajaj Institute of Technology and Management Greater Noida*** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* ***Future Perspectives of Natural Language Information Interpretation & Representation*** *at* ***Jaypee University Of Engineering and Technology Guna*** *from 25/08/2025 to 30/08/2025.*

Partha Sarathy Banerjee
Assistant Professor (Other Institute), Coordinator
Jaypee University Of Engineering and Technology Guna

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

We are pleased to highlight the achievement of **Dr. Suresh Pratap**, Assistant Professor, GL Bajaj Institute of Technology and Management, Greater Noida, for successfully completing a prestigious AICTE Training and Learning (ATAL) Academy Faculty Development Programme.

The FDP titled:"Future Perspectives of Natural Language Information Interpretation & Representation"
was organized by Jaypee University of Engineering and Technology, Guna and conducted from 25th August 2025 to 30th August 2025.

FACULTY PARTICIPATION

MAJESTIC

CII
Confederation of Indian Industry

Certificate of Participation

Awarded to

Mr. Rohit Sahu, Mentor, GLBITM

Presentation on "Modern Aircraft, Maintenance, Repair & Overhaul Facility (MRO)"

at the

CII - MAJESTIC
SKILL-WILL-LEAD
A Skill Development Initiative

Edition - VI held in SEP - 2025 in Western UP

Sahil Dharia
Vice Chairman

Mahesh Munjal
Chairman - CII Western UP Zonal Council

Mr. Rohit Sahu, Mentor at GLBITM, participated as a speaker at the CII–MAJESTIC Skill-Will-Lead Initiative, delivering a presentation on Modern Aircraft Maintenance, Repair & Overhaul (MRO), organized by CII in September 2025, contributing to industry–academia skill development.

PROFESSIONAL MEMBERSHIPS

BETIC

GL BAJAJ
Institute of Technology & Management
FIND YOUR SPARK
Approved by AICTE & Affiliated to AKTU

MEDHA 2025

Certificate of Appreciation CERT./ MEDHA 2025/M003

Presented to

Mr. Rohit Sahu

for contributing as a mentor to the participant team in the **Medical Device Hackathon (MEDHA) Stage 1** held from 7th-8th Oct 2025 by BETIC, IIT Bombay and GL Bajaj Institute of Technology and Management, Greater Noida, Uttar Pradesh.

Prof. (Dr.) Sanjeev Pippal
HOD CSE-AI
&
Convenor, Medha-2025

Prof. (Dr.) Sansar S. Chauhan
HOD CSE
&
Convenor, Medha-2025

Prof. (Dr.) Mohit Bansal
HOD EEE
&
Convenor, Medha-2025

Prof. (Dr.) Preeti Bajaj
Director GLBITM
&
Project Lead, Medha-2025

Dr. Bhanu Pratap Gaur
Senior Research Scientist
Biomedical Engineering and Technology Innovation Centre (BETIC), IIT Bombay.

MEDHA 2025

Mr. Rohit Sahu received a Certificate of Appreciation for mentoring at MEDHA 2025 Medical Device Hackathon, organized by BETiC, IIT Bombay, recognising his support to student innovation.

PROFESSIONAL MEMBERSHIPS

MEMBERSHIP

Mr. Rohit Sahu has become a Life Member of the Quality Circle Forum of India (QCFI), a nationally recognized body dedicated to promoting quality, continuous improvement, and best industrial practices. This membership reflects his commitment to quality initiatives, professional excellence, and continuous learning, further strengthening industry–academia engagement and contributing to institutional growth.

ALUMNI INTERACTION & CONTRIBUTION

Alumni Interactive Session – Md. Shadab Alam

The Department of Mechanical Engineering hosted an alumni session with Md. Shadab Alam (Batch 2006–2010), Manager – Procurement at ICICI Bank, Mumbai. With over 15 years of experience in engineering and banking, he shared insights on procurement operations, audit and compliance, and vendor management. An International Procurement Professional and Lean Six Sigma Green Belt, he encouraged students to focus on continuous learning, professional discipline, and networking to expand career opportunities beyond traditional engineering roles..

ALUMNI INTERACTION & CONTRIBUTION

The Department of Mechanical Engineering organized an Alumni Interaction session with Mr. Md. Shadab Alam (Batch 2006–2010), currently Manager – Procurement at ICICI Bank, Mumbai. During the session, he shared valuable insights on procurement operations, compliance, and industry expectations. As a gesture of gratitude, Dr. Tarun Gupta presented a token of appreciation to Mr. Alam for his contribution and inspiring interaction with students. The event strengthened the alumni–institution bond and motivated students to explore diverse career paths beyond traditional engineering roles.

EDITORIAL TEAM

Mr. Ranjeet Kumar Singh

DARSH THAKUR

Deo Manthan

CLOSING NOTE

ON BEHALF OF THE DEPARTMENT OF MECHANICAL ENGINEERING, G.L. BAJAJ INSTITUTE OF TECHNOLOGY & MANAGEMENT, GREATER NOIDA, WE EXTEND OUR HEARTFELT APPRECIATION TO ALL FACULTY MEMBERS, STUDENTS, AND STAFF WHO HAVE CONTRIBUTED TO THIS EDITION OF THE NEWSLETTER.

YOUR ACHIEVEMENTS, INNOVATIONS, AND ACTIVE PARTICIPATION ARE THE DRIVING FORCE BEHIND THE DEPARTMENT'S CONTINUED EXCELLENCE. THIS NEWSLETTER REFLECTS NOT ONLY OUR COLLECTIVE PROGRESS BUT ALSO OUR SHARED COMMITMENT TO ACADEMIC GROWTH, RESEARCH, AND PROFESSIONAL DEVELOPMENT.

WE LOOK FORWARD TO YOUR CONTINUED INVOLVEMENT AND ENTHUSIASM IN THE COMING QUARTER. TOGETHER, LET US KEEP INNOVATING, LEARNING, AND INSPIRING.

— EDITORIAL TEAM, MECHANICAL ENGINEERING DEPARTMENT