

Jan 2025 - June 2025  
VOL-11 ISSUE 1

# THE MESSENGER

The Official Newsletter of the Department of Mechanical Engineering,  
School of Engineering, Manipal University Jaipur



## Department of Mechanical Engineering

### VISION

- ♦ Excellence in mechanical engineering & Allied Discipline for Global Competency with human values.

### MISSION

- ♦ To provide conducive academic and research environment
- ♦ To develop professional skills through student centric activities and industry collaboration
- ♦ To serve society by inspiring young minds with ethical values

### PROGRAM EDUCATIONAL OBJECTIVES

- ♦ Graduates will exhibit Professional skills on a global platform in mechanical engineering.
- ♦ Graduates will pursue Higher Education to upgrade their competency.
- ♦ Graduates will showcase Team working and leadership qualities with Ethical behaviour.

### • ARTICLES INSIDE

### • ACHIEVEMENT

### • INDUSTRIAL VISIT

### • PLACEMENT

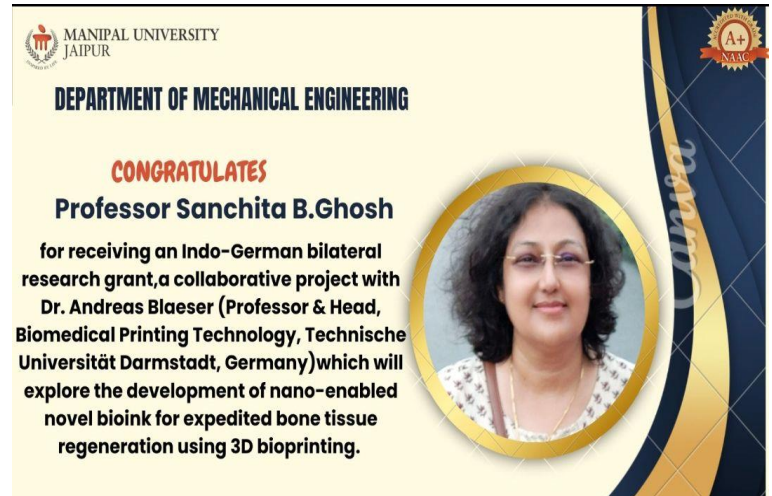
### • ACHIEVEMENTS BY FACULTY MEMBERS BY STUDENTS

### • OTHERS

# ACIEVEMENT

## **Dr Sanchita Bandhyopadhyay received Indo-Grant for her research pursuits**

Department of Mechanical Engineering, Manipal University Jaipur congratulates Dr Sanchita Bandhyopadhyay-Ghosh, Professor in Mechanical Engineering department for receiving an Indo-German bilateral research grant, a collaborative project with Dr. Andreas Blaesser (Professor and Head, Biomedical Printing Technology, Technische Universität Darmstadt, Germany) which will explore the development of nano-enabled novel bioink for expedited bone tissue regeneration using 3D bioprinting.

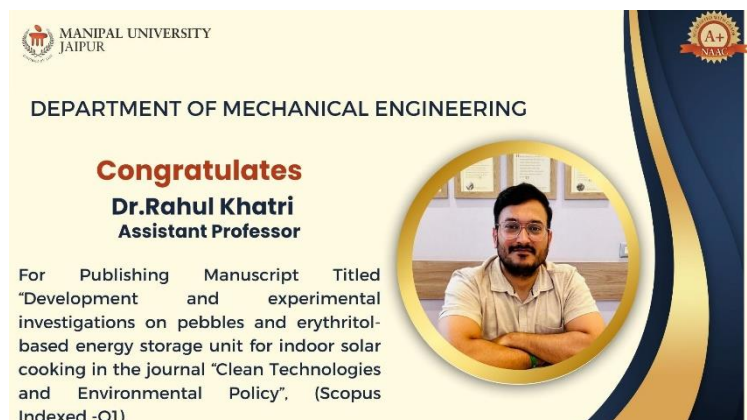


## **Dharmesh Yadav Awarded Ph.D. by Manipal University Jaipur**

Dharmesh Yadav has been conferred the degree of Doctor of Philosophy (Ph.D.) by Manipal University Jaipur for his research on "Optimization of Refuelling Losses and Automotive Evaporative Emission Inventory from Indian Two Wheelers." He successfully fulfilled the required criteria in September 2024.



Department of Mechanical Engineering, Manipal University Jaipur congratulates its faculty Dr. Rahul Khatri, Assistant Professor for publishing manuscript titled "Experimental investigations on pebbles and erythritol-based energy storage unit for indoor solar cooking" in the reputed Journal: Clean Technologies and Environmental Policy (Scopus Indexed, Q1)



## Conference on Advances in Mechanical Engineering and Nanotechnology (ICAMEN-2025)

Department of Mechanical Engineering, Manipal University Jaipur is organizing the 5th International Conference on Advances in Mechanical Engineering and Nanotechnology (ICAMEN-2025) during October 29-31, 2025. This 5th version of ICAMEN will be hosted by Kasetsart University, Bangkok, Thailand and in the collaboration with NIT Uttarakhand, Manipal Institute of Technology, Bengaluru, National Institute of Technology, Uttarakhand, India, and Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA), Malaysia.



## 3rd ICRAFNM & 5th ICAMEN 2025

3rd International Conference on Recent Advances in Fluid Mechanics and Nanoelectronics and 5th International conference on Advances in Mechanical Engineering and Nanotechnology 2025

All accepted papers will be recommended for publication in selected Scopus-indexed journals, with recommendations made bases on the specific themes and research tracks of each paper after peer review.

### Conference Dates

October 29-31, 2025

### Important Dates

- Abstract Submission Deadline: Sep 05, 2025
- Abstract Acceptance Notification: Oct 03, 2025
- Early Bird and Discount Registration Deadline: Oct 17, 2025
- Regular Registration Deadline: Oct 29-31, 2025
- Conference Days: Oct 29-31, 2025
- Full Paper Submission Deadline: Nov 28, 2025

### Host Organizer

Kasetsart University (KU)

### Co-Organizers

- Manipal University Jaipur (MUJ)
- Manipal Institute of Technology Bengaluru (MIT)
- National Institute of Technology (NIT) Uttarakhand
- Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)

### Call for Papers

#### Conference Themes:

- Fluid Mechanics and Nanoelectronics
- Mechanical Engineering
- Machine Learning and AI across Related Disciplines
- Other Related Fields

### Registration Fees

#### Regular Participants:

- 120 USD (Discount for Co-Organizing Universities)
- 150 USD (Early Bird)
- 170 USD (Normal Period)

#### Students:

- 100 USD (Discount for Co-Organizing Universities)
- 130 USD (Early Bird)
- 160 USD (Normal Period)



Website: [icrafmn-icamen2025.eng.ku.ac.th](http://icrafmn-icamen2025.eng.ku.ac.th)  
Email: [icrafmn.icamen2025@gmail.com](mailto:icrafmn.icamen2025@gmail.com)  
Tel: (+66) 89-960-9717 (WhatsApp)  
Conference Covenor



MANIPAL INSTITUTE OF TECHNOLOGY  
BENGALURU  
(A constituent unit of MAHE, Manipal)



MANIPAL UNIVERSITY  
JAIPUR  
(Established in 1949, A 2025 NAAC A++ Accredited Institution)

# PLACEMENT

Sr. No.	Name of student placed	Name of employer	Pay package at appointment (in INR/annum)
1	Rohit Varshney	Shneider Electric	900000
2	Puneet Sharma	Hitachi Energy India Limited	800000
3	Aryan Amit	TVS Limited	500000
4	Samarth Kaushal	Shneider Electric	900000
5	Ayan khan	Hitachi Energy India Limited	800000
6	Tanishq Rao	Qbit labs	818000
7	Mohd Faheem	Uno Minda Ltd	555000
8	Kunal singh thakur	Uno Minda Ltd	555000
9	Smayan Kartha	Golcha Associates	500000



# ACHIEVEMENTS BY FACULTY MEMBERS

Sr. no	Department	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the MUJ participant	Nature of the activity (Research paper/Project/Academic development)
1	Mechanical Engineering	Indo-German bilateral research grant	Dr. Andreas Blaeser (Professor and Head, Biomedical Printing Technology, Technische Universität Darmstadt, Germany)	Dr Sanchita Bandhyopadhyay	Research Grant
2	Mechanical Engineering	Experimental investigations on pebbles and erythritol-based energy storage unit for indoor solar cooking	Clean Technologies and Environmental Policy	Dr Rahul Khatri	manuscript
3	Mechanical Engineering	"Barriers to adopting industry 4.0 "In indian textile and clothing"	Discover applied sciences	Dr. Vinod Yadav	manuscript

# ACHIEVEMENTS BY STUDENTS

Sl no	Name of students enrolling into higher education	Name of institution joined	Name of programme admitted to	Name of Country for Higher Study Institution
1	Vedant Vinod Nemade	Worldquant University	MSc in Financial Engineering	USA
2	Kanad Harshal Nemade	NYU Tandon School of Engineering	Masters in Mechanical Engineering	USA
3	Avaneesh Kulkarni	Cranfield University	MSc. Aerospace Manufacturing	UNITED KINGDOM

Sr. No.	Name of students	Self- Business/ Entrepreneurship/ Competitive Exam	Name of the activity
1	Ayush agarwal	Self Business	Self Employed at Jais shree Shyam Borewell
2	Sutirth Kaila	Self Business	Self employed at Universal Tours and Clubs
3	Subham dubey	Self Business	Self Employed at Superflow cooling Towers Pvt.Ltd.
4	Parth Manak Bohra	Self Business	Self employed at Shri Hari Pipes(P)Ltd.
5	Vanshraj Panwar	Self Business	Self employed at SS Cloth House
6	Avaneesh Kulkarni	Competitive Exam	GRE SCORE CARD
7	Kanad Harshal Nemade	Competitive Exam	IELTS SCORE CARD



## TEST TAKER SCORE REPORT

Note: This report is not valid for transmission of scores to an institution.

Avaneesh Rajesh Kulkarni

Address: 42-A, Sai Kripa Bldg, VN Naik Ma, VN Naik Marg, Gorega East, Mumbai, 400026 India

Email: avkulk04@gmail.com

Phone: 91-98-19291164

Date of Birth: August 4, 2003

Gender: Male

Intended Graduate Major: Aeronautical Engineering (1814)



Most Recent Test Date: October 16, 2024

Test Center Country: India

Test Center: APCU-5922 - MUMBAI, 5922 INDIA

Registration Number: 208032

Print Date: November 10, 2024

### Your Scores for the General Test Taken on October 16, 2024



### Your Test Score History

Test Date	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
October 16, 2024	154	89	160	83	3.5	41

### Subject Test Scores

You do not have reportable test scores at this time.

### Your Score Recipient(s)

Undergraduate Institution

Report Date	Institution (Code)	Department (Code)	Test Title	Test Date
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## Test Report Form

ACADEMIC

**NOTE** Admission to undergraduate and postgraduate courses should be based on the ACADEMIC Reading and Writing Modules. **CAUTION:** Candidate's speaking and listening skills are not designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be assessed **after** three years from the date of the test. To find out more about IELTS, go to [ielts.org](https://ielts.org) and find a UK test centre, please visit [ielts.org](https://ielts.org).

Centre Number: IA009 Date: 10/NOV/2024 Candidate Number: 512533

### Candidate Details

Family Name	NEMADE				
First Name(s)	KANAD HARSHAL				
Candidate ID	W6394951				
Date of Birth	09/05/2003		Sex (M/F)	M	Scheme Code
Country or Region of Origin					
Country of Nationality	INDIA				
First Language	MARATHI				

### Test Results

Listening	9.0	Reading	7.5	Writing	7.0	Speaking	8.0	Overall Band Score	8.0	CEFR Level	C1
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### Administrator Comments

	Recognising organisations must verify this score at <a href="https://ielts.org/verify">ielts.org/verify</a>	Validation stamp 
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Date: 11/11/2024 Test Report Form Number: 24IA512533NEMK009A



**STRICTLY PRIVATE & CONFIDENTIAL**

May 12, 2025  
Rohit Vanshney  
House No. 3, South Model Gram, Near Sampuran Marriage Palace, Ludhiana, Punjab  
Ludhiana

**SUBJECT: APPOINTMENT LETTER**

Dear Rohit,  
Thank you for investing your time to pursue an opportunity with Schneider Electric.  
With reference to your application and subsequent discussions, we are pleased in offering you the position in our Company as **"Graduate Engineer Trainee"**.  
You are requested to report on **August 11, 2025**. In case you do not report by this date, this appointment letter shall stand withdrawn.  
The terms and conditions, as applicable, are stated hereunder:

**PLACE OF POSTING**

Your present posting is at the Company's office located at **Muzaffarnagar**. The Company reserves the right to transfer you to any other Schneider Electric entity/city/section/department/project site/division/branch office either in existence, or which may come into existence hereafter, and upon such transfer the rules and regulations of service as applicable to such post or place of transfer will apply to you. The nature of duty and designation may be different from the one being offered to you in terms hereof, provided however, that your Compensation & Benefits will not be affected. Your refusal for such transfer or performance will be considered as unwillingness to perform your duties and serve the Company and in such case, notwithstanding anything contained herein, the management may in its discretion terminate your services by giving you one month's notice or one month's Gross salary in lieu of notice.

**COMPENSATION & BENEFITS**

We are pleased to inform you that your:

- Total Fixed Salary is Rs. **818,182.00/-** per annum
- Target performance incentive is Rs. **81,818.00/-** per annum
- Target CTC (Gross + Target performance incentive) is Rs. **900,000.00/-** per annum

Kr. DEV RAJ PANWAR  
M.A., LL.B., Ayurved Ratan  
International & National Award Winner



Camp Office  
155, Civil Lines South  
Muzaffarnagar U.P. India  
Mob. 9837630876  
email: panwarddevraj@yahoo.in

Ref. No. ....

Dated : 22 May 2025

SS Cloth House  
Lal Singh Market, Muzaffarnagar  
Contact: 8859597876  
Date: 22 May 2025  
TO WHOMSOEVER IT MAY CONCERN  
This is to certify that Mr. Vanshraj Panwar will be joining our family business, SS Cloth House, situated at Lal Singh Market, Muzaffarnagar, as the General Manager with effect from 1st August 2025.  
We look forward to his contribution in the management and growth of our business.  
For SS Cloth House,

*(Signature)*

Managing Director  
Pram Hari Foundation  
Secretary  
Shri Sukdev Ashram  
Swami Kalyandey Sewa  
Trust  
Member  
Supreme Court SCBA  
Member  
Permanent Public Court  
Secretary  
S.K.D Degree College  
Manager  
K.K Inter College  
Patron  
City Nahan Channel  
Editor  
C.K.Azad Newspaper  
Govt. Approved  
Editor  
Adyath Jagat News-  
paper Govt. Approved  
Vice President  
U.P. Whistling  
Association  
Patron  
Shaktantam A.V.P.  
Muzaffarnagar  
Ex-  
Secretary  
ASC Govt. of India  
Ex-  
Chief Commissioner  
SSG  
Ex-  
H.A.W. Officer  
Ministry of Forest &  
Environment Govt. of India





Vedant Nemade &lt;vedantnemade21@gmail.com&gt;

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**Congratulations! You have passed the Quantitative Proficiency Test**

1 message

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**WorldQuant University** <no-reply@wqu.edu>  
To: VEDANT VINOD NEMADE <vedantnemade21@gmail.com>

Fri, May 23, 2025 at 10:46 PM



Dear VEDANT VINOD NEMADE,

Terrific news! You have passed the Quantitative Proficiency Test and thus demonstrated your preparedness to take on the rigorous MSc in Financial Engineering (MScFE) program at WQU.

**Your test results will be valid for six (6) months and you are expected to complete your application within that time.**

For the next step, you will need the following documents:

- Scanned copy of your **government-issued photo ID**
- Scanned copy of your **transcript** for your highest previously earned degree
- Proof of **English proficiency** (if applicable)

Once you have completed your profile and uploaded all required documents, you must sign an **Enrollment Agreement**. Signing it will confirm your enrollment in the MSc in Financial Engineering program and enable you to take our **mandatory Orientation Course**, which will teach you everything you need to know about how to be a successful MScFE student.

If you have any questions about admissions, please visit our [Help Center](#), where you can find guidance on a vast variety of topics. For additional support, you can also use our chatbot by clicking on the messenger icon in the bottom right corner of the page.

We look forward to welcoming you to the WQU global community of learners soon.

Sincerely,

WQU Team

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You are receiving this email because you are a student at WorldQuant University.

WorldQuant University  
609 H Street NE, Suite 335  
Washington, DC 20002

# OTHER EVENTS





  
Shikhi Pandey  
Lucknow

  
Aditya Singh Chakraborty  
Guwahati

  
Anant Chatterjee  
Pune

  
Akshay Sankar  
Lucknow

  
Ishani Dubey  
Mumbai

  
Rohan Karim  
Mumbai

  
Martiza Roberts  
Chennai

  
Firdaus Wadia  
Mumbai

  
Sparsh Rajni  
Delhi

  
Owais Hassan  
Lucknow

  
Lakshmi Ravi  
Mumbai

  
Aparna Martin  
Mumbai

  
Pooja Anand  
Chennai

  
Yash Kishor  
Delhi

  
Nisha Solanki  
Bangalore

  
Rishi S. G.  
Kolkata

  
S. Sankar  
Bangalore

  
Ajay Kumar  
Mumbai

  
Harshith Eluri  
Bangalore

  
Shikhi Sachin  
Pune

  
Ananya Singh  
Pune

  
Anshul Chandra  
Mumbai

  
Vanya Ravi  
Delhi

  
Anshu Anand  
Bangalore

  
Ananya Singh  
Lucknow

  
Utkarsh Srivastava  
Lucknow








Dated: 6th April 2023

Dear Rohan Karim Thomas,

We congratulate you on your selection to perform for the Carmina Barana Concerts with the Philharmonie der Universität Wien and the India National Youth Orchestra & Chorus in June 2023 at Vienna, in October 2023 at Lucknow and in October 2023 at Delhi. These concerts are in celebration of the 75 years of Diplomatic Relations between India and Austria. You have been selected to play with the **Violin I** section.

You will be required for the rehearsals and concerts on the following days.

Austria, Vienna: 6th June till 18th June 2023.

India, Lucknow: 21st October till 29th October 2023.

India, New Delhi: 29th October till 31st October 2023.

Please find below the rehearsal and concert schedule for Vienna. For Lucknow and Delhi we will share the rehearsal schedule in August.

Date	Time	Rehearsal Details	Venue	Dress Code
Wednesday, 7th June	6 – 10 pm	Choir and Orchestra	Festsaal Main University Building, Universitätsring 1, 1010 Wien	Casual
Thursday, 8th June	8:30 am – 1 pm	Drum Rehearsal: Choir and Orchestra	Wiener Konzerthaus Lothringerstrasse 20, 1030 Wien	Concert Attire (White)
Monday, 12th June	6:30 – 10 pm	Orchestra	BIG Lecture Hall Main University Building, Universitätsring 1, 1010 Wien	Casual
Wednesday, 14th June	8 – 10 pm	Choir: Tenor & Bass	Stiechl Building University Campus Altes AKH, Hof 1.17, Alser Strasse/Spitalgasse, 1090 Wien	Casual
Thursday, 15th June	6:30 – 10 pm	Choir	BIG Lecture Hall Main University Building, Universitätsring 1, 1010 Wien	Casual
Thursday, 15th June	6 – 8 pm	Orchestra	Stiechl Building University Campus Altes AKH, Hof 1.17, Alser Strasse/Spitalgasse, 1090 Wien	Casual
Saturday, 17th June	6 pm	Warm up: Choir and Orchestra	Wiener Konzerthaus Lothringerstrasse 20, 1030 Wien	Concert Attire (White)
Saturday, 17th June	8 pm	Concert: Choir and Orchestra	Wiener Konzerthaus Lothringerstrasse 20, 1030 Wien	Concert Attire (White)

Please note that all expenses relating to travel, visa, boarding and any other associated expenses will be borne by you. Philharmonie der Universität Wien will be organising for home stays for the selected chorists and musicians in Vienna. While the board and lodging will be organised in Lucknow at the City Montessori School and in Delhi at Jaypee Vasant Continental Hotel.

For any further queries please feel free to contact us.

With very best wishes,  
Sonia Khan  
Managing Director  
India National Youth Orchestra & Chorus

Website: [www.inyo.in](http://www.inyo.in) | Tel: +91 971132075 | Email: [indianationalyouthorchestra@gmail.com](mailto:indianationalyouthorchestra@gmail.com)

## EDITOR DETAILS-

**CHIEF EDITOR** – Dr Rakesh Kumar (MUJ0266)

**ASSOCIATE EDITOR**- Dr Dharmesh Yadav (MUJ0498)

**STUDENT CORDINATOR**-  
Y Sai Kiran Reddy (219401009)  
Siddhant Jain (219301032)