

Jan 2025 - June 2025

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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 Blaeser (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.

MANIPAL UNIVERSITY
JAIPUR

DEPARTMENT OF MECHANICAL ENGINEERING

CONGRATULATES

Professor Sanchita B.Ghosh

for receiving an Indo-German bilateral research grant, a collaborative project with Dr. Andreas Blaeser (Professor & 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)

MANIPAL UNIVERSITY
JAIPUR

DEPARTMENT OF MECHANICAL ENGINEERING

Congratulates

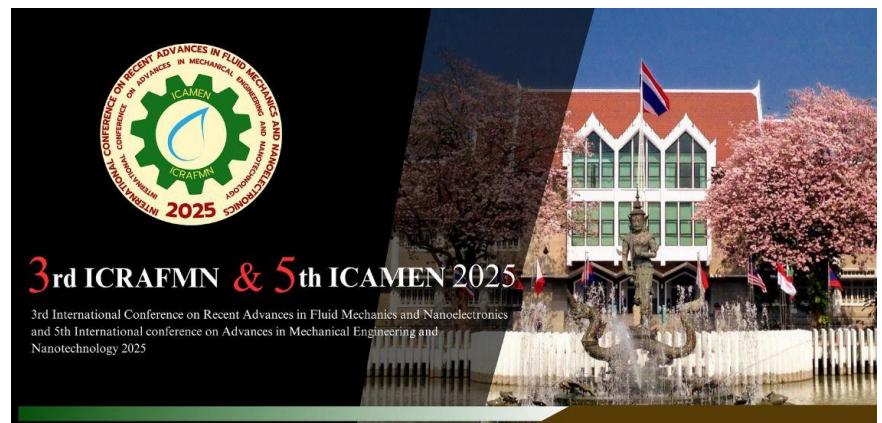
Dr.Rahul Khatri
Assistant Professor

For Publishing Manuscript Titled "Development and experimental investigations on pebbles and erythritol-based energy storage unit for indoor solar cooking in the 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 ICRAFMN & 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.

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)

Important Dates

- Abstract Submission Deadline: Sep 05, 2025
- Abstract Acceptance Notification: Sep 19, 2025
- Early Bird and Discount Registration Deadline: Oct 03, 2025
- Regular Registration Deadline: Oct 17, 2025
- Conference Days: Oct 29-31, 2025
- Full Paper Submission Deadline: Nov 28, 2025

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)

QR code: icrafmn-icamen2025.eng.ku.ac.th
Email: icrafmn_icamen2025@gmail.com
Tel: (+66) 89-960-9717 (WhatsApp)
Conference Covenor



MANIPAL INSTITUTE OF TECHNOLOGY
BENGALURU
(A constituent unit of MAHE, Manipal)
Established under Act No. 21 of 2011, State of Karnataka Registration No. 20/500/2011

MANIPAL UNIVERSITY
JAIPUR
Established under Act No. 21 of 2011, State of Rajasthan Registration No. 20/500/2011

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 Universitat 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/ Entpreneurship/ 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

gre.*Avaneesh Rajesh. Kulkarni**

Address: 42-A, Sai Krupa Bldg, VN Naik Marg, Govandi Tank, Mumbai, 400028 India
Email: avneesh.03@gmail.com
Phone: 91-98-16211164
Date of Birth: August 4, 2000
Gender: Male
Intended Graduate Major: Aeronautical Engineering (1814)

Most Recent Test Date: October 16, 2024

Test Center Country: India
Test Center: APCU-5922 - MUMBAI, 8922 INDIA
Registration Number: 3500052
Print Date: November 16, 2024

Your Scores for the General Test Taken on October 16, 2024**TEST TAKER SCORE REPORT**Note: This report is not valid for transmission of scores to an institution.**IELTS™****Test Report Form****ACADEMIC**

NOTE Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed after two years from the date of the test. If you test more than 12 to 18 months since the IELTS test, please visit www.ielts.org

Centre Number: 1A009 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: Private Candidate
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 ielts.org/verify



Date: 11/11/2024 Test Report Form Number: 241A512533NEMK009A

BRITISH COUNCIL idp CAMBRIDGE English

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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,



STRICTLY PRIVATE & CONFIDENTIAL

May 12, 2025
Rohit Varshney
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 Trainer".

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 **Mumbai**. 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





Vedant Nemade <vedantnemade21@gmail.com>

Congratulations! You have passed the Quantitative Proficiency Test

1 message

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



Dated: 6th April 2023

Dear Rahan Kurien Thomas

We congratulate you on your selection to perform for the **Carmina Burana 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, New Delhi: 29th October till 31st October 2023

ISSN, NEW ISSUE: 29th October till 31st October 2012.

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	Festival Main University Building, Universitätsring 1, 1010 Wien	Casual
Thursday, 8th June	8:30 am – 1 pm	Drill 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	Stiegl Building University Campus Altes AKH, Hof 17, Alter 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	Stiegl Building University Campus Altes AKH, Hof 17, Alter 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 home stays for the selected choristers 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 | Tel: +91 9711132075 | Email: indianinternationalyouthorchestra@gmail.com

EDITOR DETAILS-

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