

MET'S IOE MECHANICAL ENGINEERING NEWSLETTER

<https://metbkcengg.ac.in/mechanical-engineering/>



Jan, 2026



Vision

To become the center of excellence in Mechanical Engineering discipline with strong research and application based teaching beneficial to contribute well being of industry and society.

Department's Growth & Success

- Department Students Significantly Contributed in NSS Camp
- Faculty has been conferred with the Welding Educationist Award in Weldfab Tech Award Ceremany held at JW Marriott, Bengaluru on January 23, 2026.
- International student Participated in Internship Program



Mission

- Imparting quality education in mechanical engineering with a focus on practical skills and emerging technologies.
- Strengthening research culture using recent tools to address real-world industry and societal challenges.
- Developing industry-ready professionals with ethical and human values through hands-on training, internships, and collaborative projects.
- Contributing to societal and industrial growth by promoting sustainable engineering solutions and innovation.

Social Activity-NSS Camp



NSS-Camp

NSS Special winter residential camp is organized by NSS unit during 19/ 01/2026 to 25/01/2026 with 75 students & 04 staff members at village Chandori, Niphad



Publication

Journal: 01

- N. B. Ahire & D. D. Deshmukh, Experimental and CFD analysis of cavitation in three-lobe journal bearings lubricated with and without TiO₂ nano-lubricants, | Journal of Engineering and Applied Science; Published: 09 January 2026; Volume 73, article number 10, (2026)
DOI- <https://link.springer.com/article/10.1186/s44147-025-00809-3>

Achievements

Dr. Dhiraj D Deshmukh, Associate Professor, has been conferred with the Welding Educationist Award at the 4th edition of Weldfab Tech Award held at JW Marriott, Bengaluru on January 23, 2026. This prestigious award recognizes his outstanding contributions to welding education and research.

Dr. Amit S. Patil, worked as Reviewer for Journal- Scientific Reports, Springer & Journal- Progress in Additive Manufacturing, Springer



Faculty Training



Dr. A. Y. Chaudhari, Dr. H. A. Chavan, Dr. S. K. Nirgude and Prof. V. P. Chaudhari was attended the Five days STTP on Advances in Additive Manufacturing (AAM-2026) from 05 to 09 January 2026 organized by Sant Longowal Institute of Engineering and Technology Longowal, Sangrur, Punjab.



Dr. Nirgude Sharad Kisan successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Energy, Sustainability and Climate Change at SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY from 05/01/2026 to 10/01/2026.



Dr. H.A. Chavan, Dr. A.Y. Chaudhari and Dr. S.K. Nirgude completed National Level One Week Short Term Training Programme on "Design for Manufacturing (DFM) using SOLIDWORKS" organized by the Department of Mechanical Engineering, Padm. Dr. V. B. Kolte College of Engineering, Malkapur in association IFS Academy, Pune from 12-17 Jan 2026.

Students Training

Ekta Dawande
Sandhya Jorve
Pravnav Kute
Ganesh Pawar
Aditya Kapse
Rushikesh Shinde
Shruti Vidhate
Niranjan Thoke

The students of Department (IIW Club Members) attended online session on "Overview of Armoured Fighting Vehicles - Discover the world of main battle tanks". The program was organized by Institution of Engineers, India, -Tiruchirappalli.
Date: 13.01.2026

The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Ekta Prakash Davande** has actively participated in the National Convention Day Webinar on Theme: "Overview of Armoured Fighting Vehicles - Discover the world of main battle tanks" Organized by The Institution of Engineers (India), held virtually on 13-01-2026.

The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Sandhya Dnyaneshwar Jorve** has actively participated in the National Convention Day Webinar on Theme: "Overview of Armoured Fighting Vehicles - Discover the world of main battle tanks" Organized by The Institution of Engineers (India), held virtually on 13-01-2026.

Dr. Kevin ARK Kumar.
Chairman

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The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Ganesh Hiraji Pawar** has actively participated in the National Convention Day Webinar on Theme: "Overview of Armoured Fighting Vehicles - Discover the world of main battle tanks" Organized by The Institution of Engineers (India), held virtually on 13-01-2026.

The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Pranav Pravin Kute** has actively participated in the National Convention Day Webinar on Theme: "Overview of Armoured Fighting Vehicles - Discover the world of main battle tanks" Organized by The Institution of Engineers (India), held virtually on 13-01-2026.

Dr. Kevin ARK Kumar.
Chairman

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Students Training

Ekta Dawande
Sandhya Jorve
Pravnav Kute
Aditya Kapse
Diksha Jagtap
Vanshraj Bagul
Vedika Jadhav

The students of Department (IIW Club Members) attended online session on "Sustanability- Farm to Fashion : Suatanbility Practices Across the Textile Vakue Chain" . The program was organized by Institution of Engineers, India, -Tiruchirappalli.

Date: 20.01.2026

The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Aditya kapse** has actively participated in the National Convention Day Webinar on Theme: "SUSTAINABILITY - FARM TO FASHION" "Sustainable Practices Across the Textile Value Chain" Organized by The Institution of Engineers (India), -Tiruchirappalli. 20-01-2026.

The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Diksha Dilip Jagtap** has actively participated in the National Convention Day Webinar on Theme: "SUSTAINABILITY - FARM TO FASHION" "Sustainable Practices Across the Textile Value Chain" Organized by The Institution of Engineers (India), held virtually on 20-01-2026.


Dr. Kevin ARK Kumar.
Chairman

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The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Vanshraj Krushnakant Bagul** has actively participated in the National Convention Day Webinar on Theme: "SUSTAINABILITY - FARM TO FASHION" "Sustainable Practices Across the Textile Value Chain" Organized by The Institution of Engineers (India), -Tiruchirappalli. 20-01-2026.

The Institution of Engineers (India)

TIRUCHIRAPPALLI LOCAL CENTRE

BHEL Main Office Road, Tiruchirappalli -620 014, Tamil Nadu, India.

CERTIFICATE OF PARTICIPATION

This is to certify that **Vedika k jadhav** has actively participated in the National Convention Day Webinar on Theme: "SUSTAINABILITY - FARM TO FASHION" "Sustainable Practices Across the Textile Value Chain" Organized by The Institution of Engineers (India), held virtually on 20-01-2026.


Dr. Kevin ARK Kumar.
Chairman

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Internship

**International Students
Mr. Atharva Luhar
of
Obuda University, Hungary has
Joined the Internship Program**

**Total No. of Internship
Allocated Till Date: 94**

No. of Paid Internship: 09

No. of Non Paid Internship: 85

BOS Mech: Syllabus Implementation Workshop

2024 Pattern

- Dr Sachin K Dahake, V. P. Chaudhary & Y. S. More: Subject: AIML and Data Science @ Singhgarh COE and Smt Kashibai COE Pune on 6th Jan 2026.
- Dr. S. B. Patil & A. B. Varandal: Subject: Environmental Science and Sustainable Development @ J S College of Engineering and Sinhgad College of Engineering, Pune on 5th Jan. 2026.
- Dr. Sachin Prabhakar Kakade: Subject: Solid Modeling & Drafting @ JSPM's Jayawantrao Sawant College of Engineering, Hadapsar, Pune on 5th Jan. 2026.

