



Self-Sponsored
2nd International Conference
On
Recent Advancements in Design and Manufacturing
(ICRADM-2026)
January 09-10, 2026

Organizing - Secretaries

Dr. Sandeep Soni

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Associate Professor, Department of Mechanical Engineering, SVNIT Surat

In

Association with IIW-India-PDEU
Welding Research and Development Centre

Call for Papers

Organized by



Department of Mechanical Engineering
Sardar Vallabhbhai National Institute of Technology
(An Institute of National Importance of Government of India)
Surat - 395007, Gujarat, INDIA
Website: www.svnit.ac.in

The institute was established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded by Government of India as a National Institute of Technology on 4th October, 2002. The institute is one of the pioneering institutions of India and has contributed many outstanding engineers in India and abroad. The Institute now offers 11 B. Tech. Degree Programs, 21 M. Tech. Degree Programs, 03 Five Years Integrated M.Sc. Degree Programs in Chemistry, Mathematics & Physics, 01 Five Years Integrated B.Tech. and M.Tech. Degree Program, 01 Master of Business Administration in Business Analytics program, and Ph.D. program in all disciplines. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

About the Department:

The Department of Mechanical Engineering came into existence in the year 1961. The department has qualified and dedicated faculty members with the specialization in various areas. At present, the department is conducting a UG program (Mechanical Engg.), five PG programs (Mechanical Engg., Turbo Machines, Manufacturing Engineering, CAD-CAM, and Thermal Systems Design) and a research program leading to Ph.D. degree.

About the City:

Surat is a top ranking industrial city of India. It is well known worldwide for textiles, zari and diamond industries. Several large scale industries and establishments are located in the city (e.g. RIL, L&T, ESSAR, NTPC, etc.). The city is situated on the main western railway route between Vadodara and Mumbai. Direct flights operate daily between Delhi and Surat.

About the Conference:

The **2nd international conference on “Recent Advancements in Design and Manufacturing (RADM-2026)”** is scheduled to be held during **January 09-10, 2026**. The objective of this conference is to bring together experts from academic institutions, industries and research organizations and professional engineers for sharing of knowledge, expertise and experience in the emerging trends related to design engineering, machine design, manufacturing and their applications.

The conference will feature plenary and keynote addresses, followed by parallel technical sessions. Keynote lectures will be delivered by distinguished international and national experts, setting the stage by introducing the central themes of the conference. Each parallel session will open with an invited talk on a specialized topic, followed by presentations of contributed research papers.

Prospective authors from industries, academic institutions, R&D organizations, and practicing engineers across various engineering disciplines are invited to contribute papers.

About the Knowledge Partner:

IIW-India-PDEU Welding Research & Development Centre (IPWRDC)

The Indian Institute of Welding (IIW-India) and Pandit Deendayal Energy University (PDEU), Gandhinagar signed MoU on 17th of August 2023 to establish IIW - India - PDEU Welding Research & Development Centre (IPWRDC).

Purposes of the MoU as follows:

To carry out research in the field of welding technology/materials.
Provide facility for research work for students of B. Tech. /M. Tech. /PhD level.
Support the industry in solving welding-related problems.
Better industry and academia interactions.
Develop new welding processes and consumables for new grades of materials.

Research Areas:

Additive manufacturing using welding processes, Welding of additively manufactured components, Advanced Welding Processes include -- Friction Welding of dissimilar metal pipe, Friction Stir Welding of similar and dissimilar metals, Friction stir processing for super plasticity and surface composites, Friction surfacing, Narrow Gap Welding- using solid, Flux cored and metal cored wire, Hybrid Welding, Activated flux GTAW/GMAW; Resistance welding- spot, Ultrasonic welding, Welding of hybrid joints (metal-plastics).

List of Major Equipment Available:

Fusion Welding Processes: GMAW, GTAW, A-TIG welding, Resistance welding, Wire arc additive manufacturing, Plasma and gas-cutting, Laser Welding/Cutting/Cleaning. **Solid-state welding processes:** Friction Welding, Friction Stir Welding, Friction surfacing, Ultrasonic Welding. **Testing and characterization:** Metallurgical microscope, Micro hardness, Pin on disk wear testing, Abrasion testing, Hot tensile testing.

Contact detail:

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Topics:

Topics of interest under a particular track include but are not limited to the following:

Design Engineering: Computing in Applied Mechanics and Product Design, Dynamics and Control of Structures/Systems, Fracture and Failure Mechanics, Solid Mechanics, Differential/Dynamical systems, modeling and Simulation Artificial Intelligence: Fuzzy Logic, Neural Network, Genetic Algorithm, Finite Element Analysis, Advanced Numerical Techniques, Advancements in Tribology, Nano mechanics and MEMS, Robotics, Contact Mechanics and Surface Integrity, Failure analysis and Fatigue Prediction, Bearings, Gears, and Couplings Design, Hydrodynamic and Hydrostatic Bearings, Non-Newtonian and Viscoelastic Lubrication, Condition Monitoring and Fault Diagnosis, Predictive and Smart Maintenance Strategies, Vibration and Noise Analysis.

Manufacturing Engineering: Advanced Materials, Composites, Ceramics, and Polymers Processing, Casting, Welding, Brazing, Soldering, JIT, MRP, Supply Chain Management and Logistics, intelligent Manufacturing System, Rapid Prototyping and Reverse Engineering, Time and Motion Study Quality Control and Reliability, Productivity Improvement, Conventional and Non-Conventional Machining, Ergonomics, Coating and Surface Engineering, Energy-efficient Processes and Eco-design, Sustainable Materials and Biomimetic Design, Aerospace and Defense Manufacturing Innovations, Mechatronics and Smart Systems, Nano-engineering and Future Manufacturing Trends. Advanced welding Technology, Additive Manufacturing, welding based additive manufacturing, solid state welding, Tribology of materials etc.

Important Note:

The conference will be conducted in **ONLINE MODE**. Review papers will be considered for oral presentations only.

Important Dates:

Full-length Paper Submission Commences	September 01, 2025
Deadline for Submission of Full-length	November 20, 2025
Notification of Acceptance	November 25, 2025
Camera-ready Papers Submission	December 15, 2025
Early Bird Registration Deadline	January 06, 2026
Conference Dates	January 09-10, 2026

Submission:

Submissions should include title, abstract, 4-5 keywords, and be in MS Word format (max 6 pages). All papers undergo plagiarism screening (<20% similarity required) and peer review by our Technical Committee. Please prepare the manuscript strictly as per the Manuscript Template before submitting. Use following [Google Form Link](#) for manuscript submission:

Manuscript Submission Link: <https://forms.gle/paHywmKMf5aQ4Yqn7>

The final submission after correction should be submitted to the official Email ID of the conference.

Manuscript Submission Email ID: icradm2026@gmail.com

Registration:

Participants and authors are requested to register on or before **January 06, 2026**. It is mandatory to Register at least one author after acceptance of the paper and present it in the ICRADM-2026 Proceeding.

Website Link: <https://icradm2026.netlify.app/>

Payment and Registration link: <https://forms.gle/xALiR9jMdWptGZuC8> [After ACCEPTANCE]

Registration Fees:

Category	Fee in INR	Fee in USD
Academicians / Scientists / Researchers	2500 + 18% GST = 2950/-	-
Students from SVNIT & PDEU	1500 + 18% GST = 1770/-	-
Students from other than SVNIT	2000 + 18% GST = 2360/-	-
Practicing Engineers / Industry Professionals	5000 + 18% GST = 5900/-	-
Attendees	1000 + 18% GST = 1180/-	-
Foreign Students	-	100
Foreign-Academicians/Scientists/Researchers	-	200

Registration by at least one of the authors and presentation is compulsory for each paper (i.e., registration and presentation is necessary for each paper). The participants are required to send the registration fees by Online Bank Transfer.

Payment details: Payment should be done online

Account: Director, SVNIT-CCE

Account No.: 37030749143

Bank: State Bank of India

Branch: SVRCET, Surat

Branch Code: 03320

IFSC Code: SBIN0003320

MICR Code: 395002012

SWIFT Code: SBININBB260

Avenue for Post Conference Publication:

1. All abstracts of the papers will be published in conference souvenir.
2. The selected papers of the conference will be published in SCOPUS indexed journals/proceedings. (The further publishing costs have to be borne by the authors if selected.)

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