



# International Conference on

## Precision Mechanical and Agriculture Solutions (ICPMAS)

16<sup>th</sup>-17<sup>th</sup> April, 2026  
(In Hybrid Mode)



Jointly Organised by

**School of Agriculture Sciences and Engineering**

&

**Department of Mechanical Engineering**

**Maharaja Ranjit Singh Punjab Technical University**

(A State University Established By Govt. of Punjab and Approved Under Section 2(f) & 12 (B) of UGC)

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**Conference Email:** [icpmas@mrsptu.ac.in](mailto:icpmas@mrsptu.ac.in)

**Conference Web link:** [https://www.mrsptu.ac.in/ICPMAS\\_2026](https://www.mrsptu.ac.in/ICPMAS_2026)

**Venue:** Maharaja Ranjit Singh Punjab Technical University Bathinda (151 001) Punjab, India

### ABOUT MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY (MRSPTU)

Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathindahas been established by the Government of Punjab under Punjab Act No. 5 of 2015, and is recognized by the UGC under section 2(f).

The university was created to meet the growing demand for quality technical education, reduce regional imbalance, and support socio-economic growth in the Malwa region. Technical institutions of 11 districts—Barnala, Bathinda, Faridkot, Fatehgarh Sahib, Fazilka, Ferozepur, Mansa, Moga, Patiala, Sangrur, and Sri Muktsar Sahib—were affiliated to MRSPTU.

Its objectives include promoting quality technical education, training, research, entrepreneurship, and industry collaboration. The university follows standards laid down by AICTE and UGC to achieve excellence in teaching, research, and skill development.

MRSPTU also generates resources through consultancy, testing services, continuing education, collaborations, and intellectual property rights. From the 2016–17 session, it introduced new M.Tech. and Ph.D. programmes, along with skill development certificate courses in nine engineering areas and PG certificate courses in Pharmacy in affiliated colleges.

### ABOUT GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY-MRSPTU

Giani Zail Singh Campus College of Engineering & Technology (GZSCET), Bathinda, a constituent college of Maharaja Ranjit Singh Punjab Technical University (MRSPTU), is one of the oldest and most prestigious engineering institutions in Punjab. Established in 1989 and named after the 7th President of India, Giani Zail Singh Ji, the college has been a pioneer in imparting quality technical education and fostering innovation-driven growth in the region.

The institute offers undergraduate, postgraduate, and doctoral programmes in various disciplines of Engineering, Technology, Architecture, and Applied Sciences. With modern infrastructure, well-equipped laboratories, a rich central library, and a vibrant academic environment, GZSCET provides students with a platform to excel in both academics and research.

As a proud constituent of MRSPTU, GZSCET emphasizes skill development, entrepreneurship, and industry collaborations to prepare students as globally competent professionals. The campus also promotes holistic development through cultural, technical, and innovation-driven activities, making it a hub of learning, leadership, and excellence.

### ABOUT BATHINDA

Bathinda, known as the “City of Lakes”, is one of the oldest cities in Punjab with a rich historical and cultural heritage. The city is home to the iconic Qila Mubarak Fort, which traces its legacy to more than 1,800 years.

Today, Bathinda is a rapidly developing urban center of Malwa region, serving as a hub for education, agriculture, industry, and energy production. It houses major thermal power plants, a fertilizer plant, the Guru Nanak Dev Thermal Plant, and one of the largest oil refineries in the country.

Well-connected by road and rail networks, Bathinda blends its glorious past with modern progress. With renowned educational institutions, vibrant markets, and a growing industrial base, the city is emerging as a significant center for technical education and socio-economic growth in Punjab.

### ABOUT ICPMAS

The International Conference on Precision Mechanical and Agriculture Solutions (ICPMAS) is a premier platform that brings together researchers, academicians, industry professionals, innovators, and policymakers to discuss cutting-edge advancements in mechanical engineering, precision technologies, and sustainable agricultural solutions.

The conference aims to foster interdisciplinary collaboration by addressing contemporary challenges in automation, smart machinery, robotics, renewable energy integration, AI-driven agriculture, and sustainable farming practices. It serves as a hub for sharing innovative research, exchanging ideas, and exploring industry–academia partnerships that can transform the future of mechanical and agricultural systems.

ICPMAS aspires to contribute toward global food security, resource optimization, and environmental sustainability by promoting precision solutions and engineering innovations tailored to modern agricultural needs.

## CONFERENCE THEMES

The International Conference on Precision Mechanical and Agriculture Solutions (ICPMAS) will cover, but not be limited to, the following themes:

<p><b>Advances in Mechanical Engineering</b></p> <ul style="list-style-type: none"> <li>Precision design and manufacturing</li> <li>Smart materials and nanotechnology</li> <li>Robotics, automation, and mechatronics</li> <li>Additive manufacturing (3D printing) and rapid prototyping</li> <li>Advanced CAD/CAM and digital twin technologies</li> </ul> <p><b>Sustainable Agricultural Engineering</b></p> <ul style="list-style-type: none"> <li>Farm mechanization and smart machinery</li> <li>Soil, water, and irrigation management technologies</li> <li>Post-harvest engineering and food processing</li> <li>Renewable energy applications in agriculture</li> <li>Climate-smart agriculture machinery</li> <li>Water conservation technologies and micro-irrigation systems</li> </ul> <p><b>Digital and Precision Farming Solutions</b></p> <ul style="list-style-type: none"> <li>Artificial Intelligence, IoT, and Big Data in agriculture</li> <li>Remote sensing, drones, and GIS-based applications</li> <li>Robotics and autonomous vehicles for farming</li> <li>Precision nutrient management and crop monitoring systems</li> </ul>	<p><b>Sustainability, Climate, and Environment</b></p> <ul style="list-style-type: none"> <li>Climate-resilient agricultural practices</li> <li>Waste-to-wealth technologies and bioenergy</li> <li>Green manufacturing and sustainable technologies</li> <li>Environmental monitoring and pollution control</li> <li>Renewable energy integration in agriculture and industry</li> <li>Sustainable water and soil management</li> </ul> <p><b>Entrepreneurship, Innovation &amp; Industry Collaboration</b></p> <ul style="list-style-type: none"> <li>Start-ups and innovations in agri-tech and engineering</li> <li>Technology transfer and commercialization</li> <li>Skill development and capacity building</li> <li>Industry-academia partnerships for sustainable growth</li> <li>Incubation centers and innovation hubs</li> <li>Policy frameworks and government initiatives for smart agriculture</li> </ul> <p><b>Emerging Technologies in Agriculture and Mechanical Systems</b></p> <ul style="list-style-type: none"> <li>IoT-enabled smart greenhouses</li> <li>Precision livestock management</li> <li>Hydroponics, aquaponics, and vertical farming</li> </ul>
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## CALL FOR PAPERS

ICPMAS invites researchers, academicians, industry professionals, and innovators to submit original research papers, review articles, case studies, and technical notes on topics related to mechanical engineering, precision agriculture, and allied fields.

The conference will focus on innovative ideas and advancements in the fields of agriculture, mechanical engineering, and allied technologies. All participants are required to register prior to attending the conference. For submission guidelines and further queries, please visit the institute conference website: [https://www.mrsptu.ac.in/ICPMAS\\_2026.php](https://www.mrsptu.ac.in/ICPMAS_2026.php) or contact any of the organizing secretaries.

## IMPORTANT DATES

<b>Submission of Full Paper</b>	<b>10<sup>th</sup> April, 2026</b>
<b>Registration without late fee</b>	<b>13<sup>th</sup> April, 2026</b>
<b>Registration with Late fee</b>	<b>15<sup>th</sup> April, 2026</b>
<b>Conference Date</b>	<b>16<sup>th</sup> -17<sup>th</sup> April, 2026</b>

*Only those papers that are accepted and for which the registration fee is received by 10<sup>th</sup> April 2026 will be published in the conference proceedings.*

*The length of the full paper should not exceed 8-12, A4 A4-sized pages. Paper Format has been upload on the website.*

## REGISTRATION FEE

	Without Late Fee upto 13 <sup>th</sup> April, 2026		With Late Fee after 15 <sup>th</sup> April, 2026	
	Indian	Abroad	Indian	Abroad
Student (UG/PG)	Rs. 500	USD 20	Rs. 700	USD 80
Research Scholar	Rs. 700	USD 50	Rs. 900	USD 90
Industry Professional	Rs. 1000	USD 100	Rs. 1200	USD 120
Academicians/Technician	Rs. 1000	USD 100	Rs. 1200	USD 120
Alumni of MRSPTU Or GZSCCET-MRSPTU	Rs. 700	USD 50	Rs. 1000	USD 100

**For the account details, please visit website** [www.mrsptu.ac.in/icpmas2025](http://www.mrsptu.ac.in/icpmas2025)

## ORGANIZING COMMITTEE

<b>Chief Patron</b>	<b>Prof. (Dr.) Sanjeev Kumar Sharma, Vice Chancellor, MRSPTU, Bathinda</b>	
<b>Patron</b>	Prof. (Dr.) Gurinder Pal Singh, Registrar, MRSPTU, Bathinda Prof. (Dr.) Sanjiv Kumar Aggarwal, Campus Director, GZSCCET-MRSPTU, Bathinda	
<b>Chairman</b>	Prof. Naveen Singla, Head, MED-GZSCCET-MRSPTU Prof. Jasvir Singh Tiwana, Head, SASE-MRSPTU	
<b>Organizing Secretaries</b>	Prof. (Dr.) Rajesh Gupta, Professor, MED, GZSCCET-MRSPTU Dr. Kanwal Jit Singh, Asst. Prof. SASE, MRSPTU	
<b>Co-organizing Secretaries</b>	Dr. Wineet Chawla, AP, SASE Ms. Ramandeep Kaur Gill, AP, SASE Ms. Ramandeep Kaur, AP, SASE	Dr. Haramritpal Singh Sidhu, AP, MED Dr. Gagandeep Singh Sodhi, AP, MED
<b>Liaison Officer</b>	Mr. Samardeep Singh Sidhu, AP, SASE	Er. Rajinder Singh Smagh, Sr. Tech. SASE
<b>Media and Publicity</b>	Mr. Harjinder Singh Sidhu, Director, Public Relations Officer	

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## GUIDELINES FOR AUTHORS AND PARTICIPANTS

- Authors are invited to submit original papers (max. 8 pages, English, as per template) via the conference portal; all submissions will be peer-reviewed, paper with at least one registered author will be included in the proceedings.
- Limited on-campus accommodation will be provided.
- Oral presentations (12 min + 3 min Q&A) as per format must follow guidelines, with presenters reporting to the session chair 10 minutes before the session (Hybrid Mode).
- All registered participants, presenters, and session chairs will receive certificates; the ISBN-indexed proceedings will be provided to delegates, and selected papers will be published in Taylor & Francis CRC Press (Scopes).

## CONFERENCE VENUE

### Maharaja Ranjit Singh Punjab Technical University Bathinda, Punjab, India

(A State University Established By Govt. of Punjab Approved Under Section 2(f) & 12 (B) of UGC)

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Conference Webpage: [https://www.mrsptu.ac.in/ICPMAS\\_2026](https://www.mrsptu.ac.in/ICPMAS_2026)

## Scan for the location

