



FIRST INFORMATION BROCHURE
AND CALL FOR PAPERS

The Institution of Engineers (India)
A Century of Service to the Nation

38th NATIONAL CONVENTION OF AGRICULTURAL ENGINEERS & NATIONAL SEMINAR

Emerging Technologies in Agricultural Engineering
for Sustainable and Climate-Resilient Development.

27–28 August 2026



Organized by

The Institution of Engineers (India)
Maharashtra State Centre

Under the Aegis of

Agricultural Engineering Division
Board (AGDB), IEI

Co-Organized by



MIT CSN Maharashtra Institute of Technology
(Autonomous)
Department of Agricultural Engineering
Chhatrapati Sambhajnagar, Maharashtra

In Association With

The Institution of Engineers (India)
Chhatrapati Sambhajnagar Local Centre

INNOVATION

SUSTAINABILITY

TECHNOLOGY

RESILIENCE

ABOUT THE ORGANIZERS

THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform for sharing professional interest. IEI has membership strength of above 2.6 lakhs. Established in 1920, with its headquarter Kolkata, IEI has served the engineering fraternity from the last 105 years. During this period of time, IEI has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India which has been accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 34 international bodies and membership of another 8 international bodies of the developed nations across the globe. Being recognized as a Scientific and Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, post graduate students and PhD Research Scholars of Engineering Institutions and Universities. IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The institution also awards the Professional Engineers (PE) Certification. IEI in collaboration with Springer Nature regularly publishes peer-reviewed international journal in five series, namely, Series A, Series B, Series C, Series D and Series E covering fifteen engineering disciplines.

MAHARASHTRA STATE CENTRE

The Maharashtra State Centre of the The Institution of Engineers (I) was founded in 1921. This is the largest state centre of the Institution having over 32,279 Corporate Members from 15 divisions and with 10 local centres at Pune, Ahilyanagar, Amravati, Chandrapur, Chhatrapati Sambhajinagar, Kolhapur, Nagpur, Nashik, Navi Mumbai, and Solapur. The centre has been very active in promoting and diffusing the knowledge, information and technology for engineering application through programmes like Lectures, Seminars, Symposia, Conferences, Workshops, Training Courses, Technical Journal and Paper Meetings, Site Visits, Film shows, Presentations, Competitions and Exhibitions etc. The Maharashtra State Centre is conducting National Convention, National seminars, technical workshops, technical visits & many others engineering activities such as lectures, exhibitions etc. The Centre has effectively involved in dissipation of engineering knowledge & expertise among its fraternity. The centre further carried out its main function of bringing together all the concerned disciplines and highlighting the various options available for solving the problems which arise from time to time.

MAHARASHTRA INSTITUTE OF TECHNOLOGY (AUTONOMOUS), CHHATRAPATI SAMBHAJINAGAR

Maharashtra Institute of Technology (Autonomous) is one of the premier engineering institutions in Maharashtra. The Department of Agricultural Engineering is actively involved in teaching, research, consultancy and extension activities in agricultural mechanization, irrigation engineering, renewable energy, food processing and digital agriculture.

THEME: EMERGING TECHNOLOGIES IN AGRICULTURAL ENGINEERING FOR SUSTAINABLE AND CLIMATE-RESILIENT DEVELOPMENT

This theme focuses on the application of emerging technologies such as artificial intelligence (AI), IoT, drones, precision agriculture, and renewable energy to develop sustainable and climate-resilient agricultural systems.

THEME

Emerging Technologies in Agricultural Engineering for Sustainable and Climate-Resilient Development



Mechanisation & Automation

- Mechatronics, Drones, Robotics And Agricultural Automation
- Variable Rate Technology And Iot
- AI and machine learning in agriculture
- Human factors and ergonomics
- Advanced farm machinery design and testing

Food Processing & Dairy Technology

- Value addition and product development
- Cold chain management
- Smart packaging technologies
- Agricultural by-product utilization
- Post-harvest technologies

Water Resources & Irrigation Engineering

- Irrigation automation and scheduling
- GIS and remote sensing applications
- Groundwater management
- Water quality monitoring
- Micro-irrigation and fertigation

Green & Alternative Energy Technologies

- Renewable energy integration
- Biomass and bioenergy systems
- Solar-powered agriculture
- Carbon sequestration and carbon credits
- Electric farm machinery

Digital Agriculture

- Blockchain applications
- Smart farming systems
- Precision agriculture
- UAV applications
- Decision support systems

Data Science & AI Applications

- Big data analytics
- Machine learning models
- IoT sensor networks
- AI advisory systems
- Predictive analytics



Objectives



To provide a platform for sharing recent advances in Agricultural Engineering.



To promote industry-academia collaboration.



To discuss innovative solutions for climate-resilient agriculture.



To showcase emerging technologies in agricultural systems.



To encourage research and entrepreneurship among students and professionals.

Call for Papers

Original research papers, review articles, case studies, industrial experiences and innovative technologies are invited under the identified themes.

Accepted papers will be presented through:



Oral Presentations



Poster Presentations



Technical Sessions

Publication Opportunity



Selected quality papers will be recommended for publication in:

- Scopus Indexed Journals
- IET Springer Journal Series
- UGC CARE & NAAS Rated Journals

(Subject to peer-review policy of respective journals.)



Author Guidelines



Abstract:
250–300 words



Keywords:
Maximum 5



Full Paper:
MS Word
(.doc/.docx)



Referencing Style:
IEEE / APA



Similarity Index:
Below 10%

Paper Format

Page Size:	A4
Margins:	Top/Bottom/Left/Right – 2.54 cm
Font:	Times New Roman
Font Size:	12 pt
Line Spacing:	1.5
Title:	14 pt, Bold, Centered
Main Headings:	12 pt, Bold
Sub Headings:	12 pt, Bold, Italic
Page Number:	Bottom Center

Important Points

Manuscripts must be original and not submitted elsewhere.

Figures, tables and graphs should be clear and numbered consecutively.

Use SI units.

All authors must register for the convention.

The decision of the Technical Committee will be final.

Important Dates & Registration

Important Dates

Abstract Submission (Extended):	10 Aug 2026
Acceptance Notification:	12 Aug 2026
Full Paper Submission:	15 Aug 2026
Early Bird Registration:	31 July 2026
Convention Dates:	27–28 Aug 2026

Registration Fees

Category	Amount
IEI Member	₹ 1000
IEI Non-Member	₹ 1250
SRF/JRF/RA/Research Scholar	₹ 1,000
Student (IEI Member)	₹ 500
Student (Non-Member)	₹ 700
Online Participation	₹ 500

Notes

- Registration includes technical sessions, seminar kit, refreshments and e-proceedings.
- Accommodation and travel are to be arranged by participants.
- Online participants receive e-certificate.
- GST extra as applicable.

Payment Details

Bank: State Bank of India

Account No	: 10529882657
Branch	: Tardeo
IFSC	: SBIN0018708
Branch Code	: 18708

For any payment related queries, Please Contact 8830194770, 9423008651

Please mention Participant Name & Category in the payment remarks.

Transaction ID is mandatory for registration confirmation.

Quick Links



Registration & Paper Submission Scan Me



Manthan Hall Maharashtra Institute of Technology (Autonomous)

Chhatrapati Sambhajinagar (Aurangabad),
Maharashtra, India

Distance

Bus Stand : 6 km

Railway Station : 3 km

Airport : 11 km



WHY PARTICIPATE?

- Interact with eminent experts and researchers
- Explore emerging technologies and Innovations
- Network with professionals, Industry Leaders and Researchers
- Present and publish your research work
- Gain knowledge from technical sessions
- E-certificate for all participants
- Industry–Academia collaboration
- Contribute towards climate-resilient agriculture

ACCOMMODATION OPTIONS



With IEI, Chh. Sambhajinagar Local Centre
Accommodation available with IEI, Chh. Sambhajinagar
Shri. Subhas Patil
94231 48447

Other Accommodation

Limited accommodation is available in the MIT CSN Campus guest house and nearby hotels.
Participants are requested to make their own accommodation arrangements early.
Dr. Pratik Potdar
88301 94770

Technical Highlights

Advanced Technologies

Automation, Robotics, IoT, AI and Machine Learning in Agriculture

Food Processing & Post-Harvest

Food & Dairy Processing, Packaging, Storage and Post-harvest handling

Smart & Precision Agriculture

Drones, Sensors, Remote Sensing, GIS and Precision Farming

Water & Land Management

Irrigation, Drainage, Watershed and Groundwater Management

Renewable & Green Energy

Solar, Biomass, Biogas, Energy Efficiency and Sustainable Systems

Data Science & Decision Tools

Big Data, Analytics, Decision Support Systems and ICR Tools

Attractions of Chhatrapati Sambhajinagar



Ajanta Caves:



Ellora Caves



Ghrishneshwar Temple



Bibi-ka-Maqbara



Daulatabad Fort

ADVERTISEMENT CHARGES PATRONAGE

The organizer invites patronage from companies & organizations, industries, commercial houses and any other interested agencies as Platinum, Gold and Silver and other Sponsor as under

Category	Privileges	Amount (₹)
Platinum Sponsor	• This Business Session will be exclusive to you for following • Prominent publicity on the dais, lunch & dinner venues. • Complimentary invitation for 10 delegates to the Conference as well as Fellowship dinner. • One full page advertisement. • One of the Chief Executives will be invited on the Dias during inauguration/ valedictory session. • Complimentary slot will be allotted at the conference to project industry / organization practices. • Inclusion of managing titling (as provided by the organization) in the delegate kit. • Display of banner in the Conference Hall. • One stall (10x10feet) in the exhibition.	Rs. 5,00,000/- +GST (@18%)
Gold Sponsor	• Prominent publicity on the dais, lunch & dinner venues. • Complimentary invitation for 7 delegates to the Conference as well as Fellowship dinner. • One full page advertisement. • Complimentary slot will be allotted at the conference to project industry/organization practices. • Inclusion of managing titling (as provided by the organization) in the delegate kit. • Display of banner in the Conference Hall. • One stall (10x10 feet) in the exhibition.	Rs. 3,00,000/- +GST (@18%)
Silver Sponsor	• Complimentary invitation for 3 delegates to the Conference as well as Fellowship dinner . • One inside full page advertisement. • Display of banner in the Conference Hall. • One stall (10x10feet) in the exhibition.	Rs. 1,00,000/- +GST (@18%)
Exhibition Stall	• Sponsors Profile will be included in souvenir and one delegate free.	Rs. 25,000/- +GST (@18%)

Other Sponsorship Opportunities + GST shall be applicable @ 18%

Curtains	Rs. 25,000/- (1 page colored, one stall at exhibition & 3 delegates free)
Dinner	Rs. 15,000/- (1 page colored, one stall at exhibition & 2 delegates free)
Lunch	Rs. 15,000/- (1 page colored, one stall at exhibition & 3 delegates free)
Delegate Kit	Rs. 1,50,000/- (1 page colored, one stall at exhibition & 2 delegates free)
High Tea	Rs. 50,000/- (1 page colored, one stall at exhibition & 1 delegates free)

DELEGATE REGISTRATION FORM

Name in Block Letters	
Designation & Organisation	
Mailing Address	
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E-mail	
IEI Membership Grade & No.	
Towards Individual/Sponsorship/ Co-sponsorship/Advertisement (Please Specify)	
Amount Paid (Rs.)	DD/UTR:
Bank Details	
Date	Signature

IMPORTANT NOTE

- DD should be payable at Chhatrapati Sambhajnagar (Aurangabad) and drawn in favour of **"The Institution of Engineers (India), Maharashtra State Centre"**.
- Online payment receipt must be enclosed with the registration form.

BANK DETAILS

Name of the Bank : **State Bank of India**
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Date	Signature

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Emerging Technologies in Agricultural Engineering for Sustainable and Climate-Resilient Development

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