

Poster Presentation

We invite participants to present their posters during the Seminar. The poster should be related with the topic and sub themes of the Seminar. **Each participant shall receive a certificate**

Seminar Award

There shall also some awards given away to the participants as follows:

Paper Submission email: icssr.env2026@gmail.com **Registration Link:** <https://forms.gle/Rw2ku74VDxMbSnsE9>

1. Best Oral Presentation Award = 3 Awards
2. Best Poster Presentation Award = 3 Awards
3. Best Poster Presentation from UG/PG = 3 Awards
4. Standard poster size 4x4 ft
5. (Flex / Hand written / Digital / 3D / MODEL) in hard form only

Language Use: English, Hindi & Marathi

Registration Details

| Category | Registration Fee | With Paper Publication Fee |
|--------------------------------|---------------------------|----------------------------|
| UG/PG Student | Free of Cost | Rs.500 |
| Ph.D-Research Scholar | Rs.750 for Participation | Rs.1300 |
| Academician and Other Delegate | Rs.1000 for Participation | Rs.1800 |

Registration fees includes Kit + Breakfast / Tea + Lunch

Importance Date

| | |
|-------------------------------|--------------------|
| Last Date of Registration | 25 December 2025 |
| Last Date of Paper Submission | 28 December 2025 |
| Acceptance Notification | 29 December 2025 |
| Seminar Date | 2 & 3 January 2026 |

* **Spot Registration facility available**

* **Travel Support and Hospitality:** Boarding and Lodging will be provided at the hostel or campus on shared accommodation basis from 2-3 January 2026, exclusively for registered presenters of accepted papers. Co-authors and other participants have to make their own accommodation arrangements

Payment Method

Bank Name : Samarth Sahakari Bank Maryadit Jalna
Bank Ac. Name: Principal International Seminar
Account No : 006002300008392
IFSC Code : HDFC0CSSBMJ
Branch : Ambad

Important Contacts

Dr.Digambar Bhutekar : 9420313139 / 8411863139
(Registration & Paper related Pls call)
Mr. Akash Patil : 8446641494
Mr. Gorakshanath Wagh : 9657715035
Mr. Shailesh Adhav : 7743848333

Registration QR



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WRC-ICSSR SPONSORED 2-DAY NATIONAL LEVEL SEMINAR

on
**Role of Artificial Intelligence in Sustainable Development
&
Environmental Challenges'**

Held on 2 - 3 January, 2026

Registration Link: <https://forms.gle/Rw2ku74VDxMbSnsE9>

PATRONS

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Organised by

Department of Environmental Science
MSS's Arts, Science & Commerce College,
Ambad Dist. Jalna, Maharashtra, India

Venue : Conference Hall - Arts, Science & Commerce College, Ambad



About Our Patron Institute

Matsyodari Shikshan Sanstha has been one of the most prestigious educational institutes across Maharashtra. Established in 1974 (02 June) by Hon. Adv. Ankushrao Tope (former M. P), the institute is well known for its efficiency in imparting knowledge. The institute has been honored for excellence by the state government & has produced a number of students working at higher positions across Maharashtra and beyond.

About Our College

Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar, Arts, Science and Commerce College, Ambad is the founding unit of Matsyodari Shikshan Sanstha established by Hon. Adv. Ankushrao Tope with the aim of providing quality education to the masses. The laboratories on campus of the college have been well-equipped and spacious. The laboratory in Environmental science, Chemistry, Botany, Zoology, Microbiology, Physics and Mathematics of the college is also well-equipped. The sports infrastructure of the college has been extensive and up-to-date that it is rarely found across the rural Maharashtra. Indoor Sports Playfield, Shooting Range Hall, Gymnasium, etc. vindicate the preceding statement. The library of the college forms not only a biggest strength of the college but also stands as one of the best libraries in the region of Marathwada. With a better collection of books in it, the library has been technologically up-to-date and well equipped. The campus of the college has been green to a great level. There are more than five Thousand trees conserved with absolute gravity. The college always makes sure that the environment has been taken serious care of.

Concept Note:

Sustainable development has been defined in many ways, but the most frequently quoted definition is from Our Common Future, also known as the Brundtland Report: "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs". But factors like rapid growth of population, urbanization, industrialization and poverty, among others are responsible for harming the environment. Some of the severe environmental challenges prevalent to "New India" like : Degrading Air Quality, Loss of Biodiversity, Urbanization in Himalayas and basin of river ecosystem, Lack of waste management, Depletion of resources (land, air, water), Growing water scarcity. etc.

Numerous Seminar & Conferences are taking place across the globe. The knowledge of the climatic change affects how natural and anthropogenic the causes are. The other objective is to analyze the possible future climate variability. Moreover, the implication of human society is vast. It is crucial to reduce the dire crisis. The causes we make with pollution are immensely affecting the environment. It aims at developing a Seminar for the research exchange on the protection of the environment. There is a serious need for reaching considered trade-off between conservation and development and India in order to do well has to carry out urgently needed reforms of their socio-economic and development policies so that they are intrinsically more inclusive, integrative and people welfare centered. A related AI is upgraded technology for sustainable development and to tackle down the environmental challenges. 'Role of Artificial Intelligence in Sustainable Development & Environmental Challenges' National Seminar brings together experts, researcher, industry professionals, and policymakers from around the globe to explore the integration of artificial intelligence (AI) in fostering sustainable development. The rapid advancement of AI has surpassed the establishment of comprehensive regulatory frameworks. Policymakers must proactively address the ethical, social, and environmental ramifications of AI in conservation. By building upon existing privacy and data protection laws, specific regulations tailored to AI applications in environmental contexts can promote accountable and transparent deployment. The outcomes and findings from this National Seminar brings Inter recommends national and international collaboration to effectively address cross-border conservation challenges. Harmonizing legal and policy frameworks across regions can facilitate seamless cooperation and data sharing, thereby advancing global endeavors in biodiversity preservation and climate change mitigation.



Call for Full length Research Paper

The Department of Environmental Science is issuing a call for innovative papers that explore the research-policy interface in pursuit of **Artificial Intelligence, Sustainable Development and Environmental Challenges**. The participants are requested to send their full length Research papers online by **25 December 2025**.

Paper Submission email: icssr.env2026@gmail.com **Registration link:** <https://forms.gle/Rw2ku74VDxMbSnsE9>

Paper Submission Guidelines -

Unpublished research papers are invited for presentation/publication in the conference. We encourage original and high-quality submissions that are not submitted to or accepted by other journals or seminar or conferences. Certificates will be given to all paper presenters. Original/unpublished research work on contemporary issues on the above themes and sub-themes can be submitted. Please refer to the following guidelines for paper submission-

1. The paper must be written in MS Word type written in English (Times New Roman, 12-Point Font) and in Hindi / Marathi Font „Kruti Dev 10“, Unicode Mangal with size of „14“.
2. First page containing Title of the paper, Author name, Designation and Affiliation
3. Maximum four (4) authors can contribute in a paper.*
4. The maximum length for a paper, including title, abstract (not more than 300 words), references, and appendices is 5,000 words.
5. All papers should be innovative and maintain research integrity and follow standard practice.

*The selected papers will be published in the post conference volume from a reputed publisher / Journal / E-Journal (ISBN / ISSN) Peer Reviewed Journal.

Themes and Sub-themes

1. **Climate Modelling and Prediction**
Machine Learning in Climate Science
Predicting Extreme Weather Events with AI
Generative AI Models in Biodiversity and Ecosystem Restoration
2. **Renewable Energy and Sustainable Energy Systems**
AI in Managing Renewable Energy Grids
Predictive Maintenance for Sustainable Energy Systems
Green Fuel and Hydrogen fuel cell
3. **Pollution Reduction, Waste Management, and Smart City Solutions**
AI in Urban Planning and Development
AI Driven Waste Sorting and Recycling
Optimization Traffic Management and Pollution Control with AI in Smart Cities
AI - Enhanced Air and Water Quality Monitoring
4. **Environmental Policy, Education, and Healthcare**
Raising Awareness through AI-Driven Education Platforms, AI for Healthcare
The Smart Heart: Harnessing AI and Nano-Technology for Next-Gen Cardiac Care
5. **Conservation Protecting Ecosystems Health:** Big Data in Ecology and Conservation
Protection of Ecosystem with AI Surveillance, Generative AI Models in Biodiversity and Ecosystem Restoration
The Future of AI in Sustainable Development
6. **Agriculture sustainability and AI Driven Precision Farming**
Precision Farming with Machine Learning and IoT-AI-Driven Solutions for Sustainable Agriculture: Precision Farming for a Future, AI in Crop Health Monitoring and Pest
7. **Geographical Information for Land Management**
AI for land management-Natural-Manmade Disaster Management
8. **Environmental Economics**
AI for predicting environmental economics
9. **Environmental Geography**
Mapping, Geographical Modelling, Crop pattern, watershed management, Population and Natural resources management.
10. **Biotechnology approaches towards Environment Conservation**
11. **Industrial Safety & Disaster Management**
12. **Sociological & Economical impact of Climate Change**
13. **History of Environment**
14. **Indian Forestry system**
15. **AI in Sports & Physical Education**
16. **All Social science disciplines**
Economics, Geography, History, Psychology
Home Science, Sociology

Other relevant topics related to the main title from all faculties of social science & science