



**Celebrating the Decade of Soil Science for
Sustainable Development - IUSS (2025-2034)**

**State Level Seminar
on
Adoption of Next Generation
Agricultural Technologies for
Soil & Livelihood Security**

January 07-08, 2026



Organised by

**Akola Chapter of Indian Society of Soil Science
Department of Soil Science**

**DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH,
AKOLA - 444 104 (Maharashtra) India**

Healthy soils for healthy cities

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Note : Any query should be sent to Organizing Secretary

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Preamble

Agriculture continues to be the backbone of the Indian economy, supporting the livelihood of a large section of the population and ensuring national food security. However, in recent years, the sector has been facing unprecedented challenges due to climate variability, soil degradation, declining factor productivity, and increasing pressure on natural resources. The sustainability of farming systems and the well-being of farmers are closely linked to the health of the soil and the effective utilization of modern technologies that can optimize inputs and enhance productivity without compromising environmental integrity.

With rapid advancements in science and technology, the emergence of next-generation agricultural technologies including precision farming, digital and smart agriculture, biotechnology, remote sensing, nanotechnology, renewable energy applications, and conservation-based soil management has opened new avenues for transforming Indian agriculture. These innovations not only help in efficient resource use and real-time farm decision-making but also contribute significantly to restoring soil health, enhancing biodiversity, and strengthening farmers' resilience to climate change.

Adoption of such technologies at the grassroots level requires an integrated approach involving awareness creation, capacity building, participatory research, and supportive policy frameworks. There is also a need to bridge the gap between research institutions and the farming community to ensure that scientific advancements are translated into field-level solutions.

In this context, the State Level Seminar on "Adoption of Next Generation Agricultural Technologies for Soil & Livelihood Security" aims to bring together researchers, academicians, policymakers, extension personnel, agribusiness professionals, and progressive farmers on a common platform. The seminar will serve as a forum for exchanging knowledge, sharing experiences, and deliberating on practical strategies for sustainable agricultural development. The outcomes of this seminar are expected to contribute towards formulating actionable recommendations and promoting technology-led transformation for securing soil health and enhancing farmers' livelihoods. In view of above, Akola Chapter of Indian Society of Soil Science and Department of Soil Science, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola is organizing State Level Seminar on "Adoption of Next Generation Agricultural Technologies for Soil & Livelihood Security" for accelerating improvement in soil health and awareness among the farming community.

Akola Chapter of ISSS : Akola chapter of ISSS was established in 1991 under the aegis of ISSS, New Delhi. The chapter has organized State Level Seminar successfully during 2010, 2015 and 2020.

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In addition, various student- and staff-oriented activities such as quiz competitions, debate competitions, oral presentations, guest lectures, and memorial lectures are regularly organized by the Akola Chapter of ISSS. Notably, the Chapter celebrates World Soil Day every year by distributing Soil Health Cards to farmers and conducting awareness programmes on soil and environmental conservation.

THEMES

1. Conservation and Sustainable Use of Soil Resources

- Conservation Agriculture & Crop Residue Recycling
- Organic Agriculture
- Carbon Sequestration
- Soil biodiversity, ecosystem services, and sustainable land management

2. Soil–Water–Climate Nexus for Resilient Agriculture

- Climate-smart soil and water management technologies
- Carbon- and water-smart farming systems for resource sustainability
- Soil and Water Pollution
- Problematic Soils
- Land Degradation and Improvement Technique
- Water Quality and Water Use Efficiency

3. Innovations in Soil Health Management and Fertility Enhancement

- Soil Health Improvement Strategy
- Advances in Plant Nutrient Management
- Micro and Secondary Nutrient Management

4. Socio-economic Awareness

- Watershed Management
- Soil Survey and Land Use Planning
- Extension strategies for soil health management and technology adoption
- Soil testing, Soil health cards and data management systems
- Innovation and entrepreneurship development in agriculture

Call for Papers for Oral/Poster Presentation

Registration form along with abstracts of unpublished research related to the seminar themes are invited for Oral / Poster presentation. Abstracts should be submitted by e-mail and a hardcopy typed in 1.5 space, Font Times New Roman, size of 12 points in MS-Word format, not exceeding 250 words stating briefly the objectives, methodology and findings.

Abstracts should be submitted through e-mail: pdkvsoil2026@gmail.com and hard copy of abstract should be sent to the Organizing Secretary, Akola Chapter of Indian Society of Soil Science, Department of Soil

Science, Dr. PDKV, Akola through proper channel. The abstract should be in recent format of Journal of Indian Society of Soil Science. The abstracts will be reviewed and only those found suitable will be accepted. Not more than two abstract of first authorship will be accepted from registered participant. The presentation certificate will be issued to those who will make Oral or Poster presentation only. Best posters will be awarded.

ACISSL Best Doctoral and Master Research Presentation Award

Best oral presentation award will be given for the outstanding PG research work. A recipient of Doctoral and Master Degree in Soil Science, who completed their thesis during July 1st, 2024 to November 30th, 2025 is eligible to apply for this award. The proforma is available with Secretary, ACISSL, Department of Soil Science, Dr. PDKV, Akola.

Important Dates

Seminar : January 07-08, 2026
Last Date of Submission of Abstract : December 05, 2025
Acceptance of Papers : December 10, 2025,
Speakers, Eminent Scientists / Policy Makers from Government Department and NGO’s concerned will be invited as key speakers to deliver lectures for benefit to of scientists and students.

Registration Fee

Participant	Amount
Scientists/Delegates	Rs.4000
Students	Rs.1000

The Demand Draft may be drawn in favor of Treasurer, Akola Chapter of Indian Society of Soil Science payable at Akola. The local cheques will also be accepted. Registration fee may also be transferred directly or electronically through NEFT/RTGS in The Akola District Central Cooperative Bank Ltd., Akola, Dr. PDKV Branch Akola Maharashtra.(Account No. 0090112020000025, IFSC code: ADCC0000009 Bank and Branch Code:009011). Spot registration facility will be available on prior confirmation.

Venue : The seminar will be organized at Committee Hall, College of Agriculture, Dr. PDKV, Akola. Akola is well connected by road and railways. The weather during February is pleasant. Holy places viz. Shegaon is the famous pilgrimage centre and Chikhaldara hill station is near Akola.

Accommodation : Arrangement of accommodation for delegates will be made in the University Guest Houses. Good Hotel accommodation at affordable rates (Rs. 2000-2500/-Non-AC/AC) is also available in Akola city. The expenses towards TA, DA and accommodation will have to be borne by the sponsoring organization/institution. Delegates are requested to inform about their participation well in advance.

Registration Form

State Level Seminar
on

Adoption of Next Generation Agricultural Technologies for Soil & Livelihood Security

January 07-08, 2026

1. Name : _____

(In block letters, Surname First)

2. Designation : _____

3. Organization : _____

4. Mailing Address : _____

5. Mobile No : _____

6. E-mail : _____

7. Registration Fee : _____

Enclosed Draft No. : _____

Date : _____

8. Abstract enclosed : Yes/No (Two copies)

9. Title of paper : _____

11. Author(s) : _____

12. Theme : _____

All information furnished above are true and correct to my knowledge and belief.

Place :

Date :

Signature

Note : Students participants should enclose bonafide certificate from the Head of the department

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