

Report on the International Conference “Changing Scenario in Science and Technology: A Multidisciplinary Approach (ICCSST-2026)”

Institution: Kisan Shikshan Sanstha’s Krantisinh Nana Patil College, Walwa, Dist. Sangli (MS) India – 416313

Event: International Conference on Changing Scenario in Science and Technology: A Multidisciplinary Approach (ICCSST-2026)

Mode: Hybrid

Dates: 6th and 7th March 2026

Venue: Padma Bhushan Krantiveer Dr. Nagnath (Anna) Nayakawadi Memorial Hall (Smarak), Walwa

Executive Summary

Kisan Shikshan Sanstha’s Krantisinh Nana Patil College, Walwa, proudly organized a two-day International Conference titled “Changing Scenario in Science and Technology: A Multidisciplinary Approach (ICCSST-2026)” on 6th and 7th March 2026. Conducted in hybrid mode, the event beautifully combined in-person discussions at the historic Smarak Hall with valuable online participation from across the globe.

This conference served as an important platform that brought together distinguished researchers, teachers, policy experts, and progressive agriculturists. It focused on emerging areas such as nanoscience, biotechnology, energy storage, sustainable development, and rural innovation — all with a strong emphasis on connecting modern science with the needs of our farming community.

Day 1: Friday, 6th March 2026

Inaugural Function (10:00 AM – 11:00 AM)

The conference began with the auspicious *Pratima Poojan* by dignitaries, followed by the symbolic and environment-friendly act of watering a medicinal plant — a beautiful beginning for a scientific gathering.

- **Welcome & Introduction:** Dr. N. S. Patil, Organizing Secretary, warmly welcomed all participants and highlighted the multidisciplinary spirit of ICCSST-2026.
- **Abstract Book Release:** The Conference Abstract Book, containing rich research contributions, was formally released.
- **Principal’s Address:** Principal Dr. S. A. Nayakawadi spoke about the college’s dedication to nurturing scientific temperament and interdisciplinary research.
- **Good Wishes:** Prof. Dr. R. V. Gurav (Dean, Faculty of Science and Technology, Shivaji University, Kolhapur) and Dr. Raghunath Dhamakale (Management Council Member, Shivaji University) conveyed their best wishes and appreciated the college initiative.
- **Inaugural Address:** Chief Guest Dr. Hemraj M. Yadav (ANRF Ramanujan Fellow, School of Nanoscience and Biotechnology, Shivaji University) delivered an inspiring address on the transformative power of nanotechnology and advanced materials.
- **Presidential Address:** Hon. Vaibhavkaka Nayakawadi, President of Kisan Shikshan Sanstha, emphasized the need to align scientific progress with rural welfare and community development.
- **Vote of Thanks:** Dr. S. B. Patil (Convener) expressed heartfelt gratitude. The session was gracefully anchored by Dr. J. P. Kamble.

Plenary & Technical Sessions

Session I: Keynote Address (11:00 AM – 12:00 PM) Speaker: Dr. Hemraj M. Yadav
Chairperson: Dr. R. V. Gurav. Dr. Yadav elaborated on emerging materials and biotechnology. Vote of Thanks was proposed by Dr. S. S. Mohite. Anchoring support was provided by Dr. J. P. Kamble, Dr. A. V. Panhale, and Miss S. S. Kadam.

Session II: Resource Lecture (12:00 PM – 1:00 PM) Speaker: Prof. M. David (Department of Zoology, Karnatak University, Dharwad) **Chairperson:** Prof. Madhav Bhilave. Prof. David shared valuable insights on environmental toxicity, bio-indicators, and ecological balance. Dr. A. V. Panhale introduced the speaker and Mr. M. D. Jamdar proposed the Vote of Thanks.

Session III: Global Online Plenary (2:00 PM – 3:00 PM) Speaker: Professor Deepak Dubal (Queensland University of Technology, Brisbane, Australia) **Chairperson:** Dr. R. B. Chopade. **Theme:** 'Global Energy Landscape and Role of Energy Storage'. Prof. Dubal delivered an outstanding virtual lecture on supercapacitors, advanced batteries, and the critical role of energy storage in addressing climate challenges. Dr. N. K. Khandare introduced the speaker and Mrs. S. S. Kadam gave the Vote of Thanks.

Research Presentations (3:00 PM – 6:00 PM) Parallel sessions of Oral and Poster Presentations were conducted. Expert referees evaluated the research papers and posters with great care.

Track A: Oral Presentations Referees: Dr. B. S. Shirkhe, Dr. D. T. Nade, Dr. Suryakant Mhaske

Track B: Poster Presentations Referees: Dr. R. P. Patil, Dr. Sachin Pawar, Dr. S. B. Nikalje, Dr. S. M. Magdum

Day 2: Saturday, 7th March 2026

Session V & Valedictory Session (10:00 AM – 1:00 PM)

The second day focused on applied research and its direct connection with agriculture.

- Dr. A. V. Panhale welcomed everyone and set the tone for the day.
 - Principal Dr. S. A. Nayakawadi appreciated the quality of research presented.
 - **Resource Lecture on Biological Controls:** Dr. Yogesh E. Thorat (ICAR-ISRI, Biological Control Centre, Pravar Nagar) spoke on eco-friendly pest management.
 - **Resource Lecture on Grassroots Agriculture:** Mr. Sanjeev Mane (Krushiratna, Krushibhushan, Shetnistha awardee) shared practical wisdom on sustainable farming and integration of science at the field level.
 - **Presidential Address:** Hon. Vaibhavkaka Nayakawadi beautifully summarized the conference learnings and stressed the importance of taking high-end technology from laboratories to the farms of Maharashtra.
 - **Vote of Thanks:** Dr. N. K. Khandare expressed sincere gratitude to all.
- The session was efficiently anchored by Dr. J. P. Kamble, Dr. A. V. Panhale, and Miss S. S. Kadam.

Key Takeaways and Outcomes

1. **Multidisciplinary Synergy:** The conference successfully bridged pure sciences like nanotechnology and materials chemistry with zoology, environmental science, and agricultural science.
2. **Global to Local Connect:** The hybrid format enabled our local students and researchers to interact with international experts as well as experienced local farmers and scientists.

3. **Strengthening Research Culture:** The large number of quality oral and poster presentations reflected the growing research strength in our region under the guidance of Shivaji University, Kolhapur.

This conference has truly reinforced our commitment to *Bahujan Hitay Bahujan Sukhay* — science and technology that serves the common man and strengthens rural Maharashtra.

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