



**Gandhinagar Institute of Science
Gandhinagar University**

A Report on

**“International Conference on Interdisciplinary Science
and Technology: New Frontier and Emerging
Opportunities” (ICIST-NEO-2025) on 6th and 7th
March 2025.**

Event Overview

The International Conference on Interdisciplinary Science and Technology: New Frontier and Emerging Opportunities (ICIST-NEO-2025) was successfully organized on the 6th and 7th of March 2025 by the Gandhinagar Institute of Science (GIS) and Gandhinagar Institute of Research and Development (GIRD), Gandhinagar University. The conference provided a dynamic platform for researchers, academicians, industry professionals, and students to engage in discussions on cutting-edge advancements in interdisciplinary science and technology.

Organizing Committee

The conference was meticulously planned and executed under the leadership of:

- **Convenor: Prof. (Dr.) Dhaval Acharya, Dean-GIRD, Head, Department of Microbiology and Biotechnology**
- **Co-Convenors:**
 - **Dr. Rakesh Ameta, Head, Department of Chemistry**
 - **Dr. Rachana Shukla, Head, Department of Life Sciences**
 - **Dr. Swasti Saxena, Assistant Professor, Department of Physics**

Conference Highlights

The conference featured keynote addresses, plenary sessions, technical paper presentations, and a poster presentation, promoting collaboration across various scientific disciplines.

Day 1: 6th March 2025

The conference commenced with an inaugural ceremony graced by esteemed dignitaries:

- **Mr. Haresh Rohera, President, Gandhinagar University**
- **Prof. Man Singh, Professor, School of Chemical Sciences, Central University of Gujarat**
- **Prof. Kamallesh V.N., Vice Chancellor, Gandhinagar University**
- **Dr. Gautam Patel, Head, Gandhinagar Institute of Science**
- **Prof. (Dr.) Dhaval Acharya, Convenor**

The keynote speakers internationally and nationally emphasized the significance of interdisciplinary research in addressing contemporary scientific and technological challenges.

Plenary talks by renowned experts covered emerging trends in biotechnology, life sciences, chemical sciences, mathematics, nanotechnology, environmental science, artificial intelligence, and sustainable development.

Several technical sessions were held, focusing on:

- **Advances in Material Science and Nanotechnology**
- **Innovations in Biotechnology and Life Sciences**
- **Chemical and Environmental Science for Sustainable Development**

During the second session, around 51 posters and more than 50 oral presentation competition provided young researchers and students an opportunity to showcase their innovative projects. Additionally, a special industry-academia interaction session was held to bridge the gap between research and industrial applications.

Day 2: 7th March 2025

Distinguished researchers shared insights on the practical applications of interdisciplinary research in solving global challenges.

Parallel technical sessions covered:

- **Physics and Emerging Technologies**
- **Green Chemistry and Environmental Sustainability**
- **Biomedical Sciences and Healthcare Innovations**
- **Future Perspectives in Interdisciplinary Science**

A poster presentation competition provided young researchers and students an opportunity to showcase their innovative projects. Additionally, a special industry-academia interaction session was held to bridge the gap between research and industrial applications.

Conclusion

ICIST-NEO-2025 proved to be a highly enriching experience, fostering collaborations among diverse scientific communities. The event successfully highlighted the importance of interdisciplinary approaches in tackling global scientific and technological challenges.

The organizing committee expressed their gratitude to all participants, speakers, and sponsors for their invaluable contributions, which ensured the success of the conference. The conference concluded with a valedictory session, where certificates were distributed to participants, and awards were presented for the best paper and poster presentations in different categories. The event reinforced the importance of continuous research and collaboration in advancing science and technology.



Registration for the ICIST NEO-2025 By Dr. Leena Bhardwaj and team



Inauguration of ICIST NEO-2025 by Hon'ble President Mr. Haresh Rohera, Hon'ble Guest & Keynote Speaker Prof. Mansingh, Hon'ble Vice Chancellor Prof. Kamallesh V. N., Dr. Gautam Patel, and Prof. (Dr.) Dhaval Acharya.



Felicitations of Hon'ble President, Mr. Haresh Rohera by Dr. Rachana Shukla during the inauguration of ICIST NEO-2025



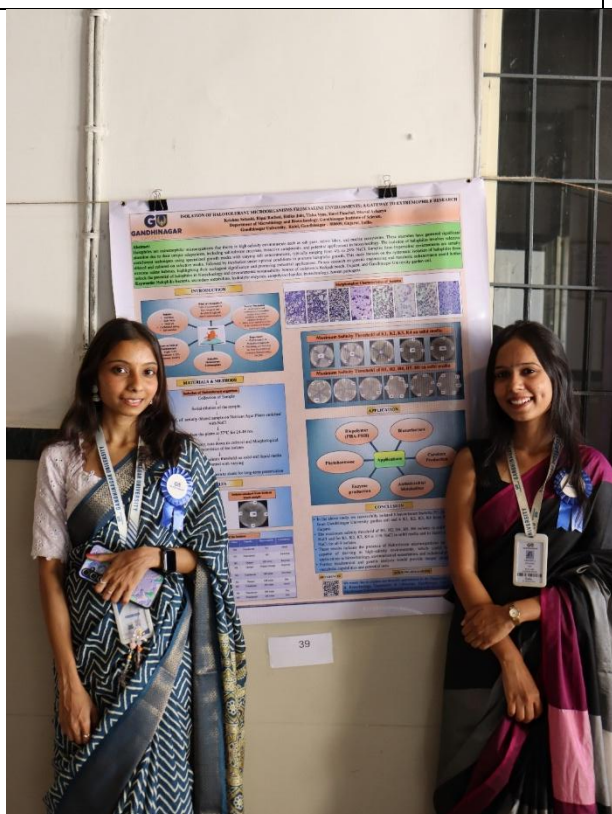
Organizers, Eminent Speakers and Participants of ICIST NEO-2025



Felicitation of Prof. Man Singh Sir by Hon'ble VC sir during Inauguration of ICIST NEO 2025.



Launch of Abstract Book for ICIST NEO-2025 By respected Dignitaries.



Poster presentation by participants



Felicitation of Dr. Rakesh Raval, Eminent speaker by Dr. Rakesh Ameta



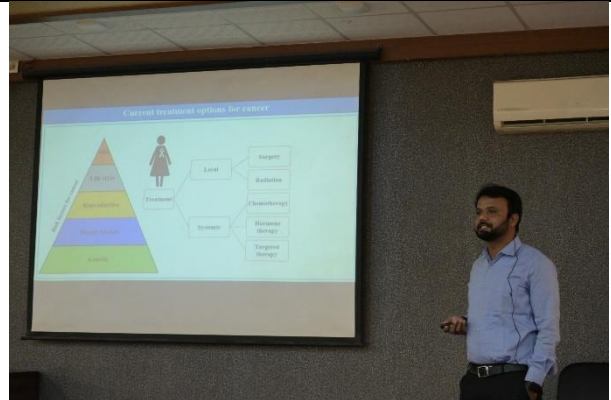
Prof. A M Deshmukh, President, MBSI delivered his talk during ICIST NEO-2025



Oral presentation by participant during ICIST NEO 2025



Prof. (Dr.) Rakesh Raval, GBU, delivered his talk during ICIST NEO-2025



Dr. Raghu Solanki delivered talk during ICIST NEO-2025



Valedictory Session of ICIST NEO-2025



Felicitation of Dr. Chitra Patel, Jury member or Poster presentation by Prof. (Dr.) Dhaval Acharya



Winner for Oral presentation receiving her Award and Certificate from Prof. A M Deshmukh Sir



Winner for Poster presentation receiving her Award and Certificate from Prof.(Dr.) Dhaval Acharya Sir



Organizing committee and participants of ICIST NEO-2025