



Gujarat Vidyapith



NATIONAL SEMINAR

Science, Sustainability and Social Responsibility:

A Natural Science Perspective

24 March 2026

Venue

Gujarat Vidyapith, Ashram Marg, Ahmedabad, Gujarat

Organised by

Department of Microbiology
Faculty of Science, Gujarat Vidyapith, Ahmedabad 380009
Email: nsnsp2026@gujaratvidyapith.org



ABOUT GUJARAT VIDYAPITH

Gujarat Vidyapith, a UGC-funded Deemed-to-be University, was established by Mahatma Gandhi on 18 October 1920. Gujarat Vidyapith adopts a comprehensive and integrated model of education, encompassing programs from the Nursery level to doctoral research across diverse disciplines. Its fundamental mission is to foster individuals endowed with ethical character, intellectual competence, cultural sensibility, and social commitment, who actively contribute to national reconstruction, community engagement, and constructive social transformation, in alignment with the enduring ideals of Gandhian thought.

ABOUT THE DEPARTMENT OF MICROBIOLOGY

Established in 1995, the Department of Microbiology, Faculty of Science, Gujarat Vidyapith is recognized for its strong interdisciplinary approach to teaching, research, and extension in microbiology and basic sciences. The department enables students to explore fundamental and applied research in physical sciences, chemical sciences, microbiology, and environmental biotechnology, fostering scientific inquiry that can be translated into socially useful technologies.

The department offers postgraduate programs in Microbiology with in-house dissertation work, promoting research orientation at the master's level. Emphasis is placed on holistic student development through active participation in academic, research, and co-curricular activities, nurturing leadership, innovation, and professional skills. A well-developed academic ecosystem further supports collaboration between academia and industry, contributing to societal and scientific advancement.

ABOUT THE SEMINAR

The National Seminar on "Science, Sustainability and Social Responsibility: A Natural Science Perspective" aims to bring together academicians, researchers, scientists, and students to discuss the role of natural sciences in addressing contemporary environmental and social challenges. The seminar emphasizes the integration of scientific knowledge with ethical responsibility and sustainable development.

It provides a multidisciplinary platform to explore how science can contribute to environmental conservation, societal well-being, and responsible innovation. Through scholarly discussions and research presentations, the seminar encourages scientific approaches aligned with sustainability and social responsibility.



THEMES

- 1. Fundamental Sciences and Sustainable Development Goals (SDGs)**
Role of Physics, Chemistry, Biology and Mathematics in achieving SDGs.
- 2. Environmental Monitoring and Climate Change Mitigation**
Air, water, soil analysis; climate modelling; pollution control technologies.
- 3. Green Chemistry and Sustainable Chemical Processes**
Eco-friendly synthesis, waste minimization, renewable feedstocks.
- 4. Biodiversity Conservation and Ecosystem Sustainability**
Conservation biology, ecological balance, and natural resource management.
- 5. Renewable Energy and Clean Technologies**
Solar, wind, bioenergy, energy storage, and materials for sustainability.
- 6. Microbiology and Biotechnology for Sustainable Society**
Bioremediation, waste treatment, biofertilizers, and public health.
- 7. Materials Science for Sustainable Applications**
Green materials, nanomaterials, recyclable and biodegradable materials.
- 8. Water Resources, Sanitation, and Environmental Health**
Sustainable water management, wastewater treatment, and hygiene.
- 9. Science, Ethics, and Social Responsibility**
Ethical research practices, responsible innovation, and science communication.
- 10. Indigenous Knowledge Systems and Sustainable Practices**
Integration of traditional knowledge with modern scientific approaches.
- 11. Education, Outreach, and Community Engagement in Science**
Science education for sustainability, public awareness, and inclusivity.
- 12. Data Science, Modelling, and AI for Sustainable Solutions**
Computational tools, simulations, and AI in environmental and social systems.

VENUE : Gujarat Vidyapith, Ashram Marg, Ahmedabad, Gujarat – 380009

REGISTRATION FEE:

- Research Scholar / PG Student: Rs. 300/-
- Faculty Participants: Rs. 500/-

LINK FOR REGISTRATION : <https://forms.gle/wZz5cb6ug2YSJXwt8>

IMPORTANT DATES :

- Abstract Submission Deadline: 10-03-2026
- Confirmation of Acceptance: 15-03-2026
- Last date of Registration: 15-03-2026



GUIDELINE FOR SUBMISSION OF ABSTRACT

Abstracts are invited on thematic areas of the seminar. Please mention the thematic area in capital letter at top of the Abstract. Authors are requested to submit abstract (max. 250 words) with keywords (max. 5 words) in Times New Roman, font size 12 with bold title and 1.5-line spacing with affiliation, email address of corresponding author. Submit your Abstract through Registration Link. Submit your abstract along with the conference registration fee receipt. Abstracts will not be considered without prior registration.

No TA/DA is admissible

Guidelines for Poster Presentation:

Poster Orientation (Portrait): Layout/Size: 40" (Width) x 40" (Height) (100cm x 100 cm) must be used. Title, authors and affiliations should be kept at top of poster (PG/Research Scholars / Academicians)

Key Outcomes

- Strengthened interdisciplinary perspectives on the integration of natural sciences with sustainability and social responsibility.
- Dissemination of current research and innovative practices addressing environmental and societal challenges.
- Enhanced academic collaboration and research networking among institutions, scientists, and scholars at the national level.
- Capacity building of students and early-career researchers through expert interactions and knowledge exchange.
- Promotion of ethically responsible and socially relevant scientific research aligned with sustainable development goals.

Chief Patron
Dr. Harshad Patel
Vice Chancellor
Gujarat Vidyapith, Ahmedabad

Patron
Dr. Himanshu Patel
Registrar
Gujarat Vidyapith, Ahmedabad

Convener
Dr. Nikhil Bhatt
Dean
Faculty of Science

Coordinator
Dr. Mayur Shah
Head
Department of Microbiology

Organizing Secretary
Dr. Kaushik Patel
Associate Professor, Department of Microbiology
Contact No. 9727232320

Organizing Committee

Smt. Priti Shukla | Mr. Arvind Dungerechiya | Dr. Rakesh Soni | Mr. Rajesh Parmar
Mr. Akshay Ahir | Mrs. Mansi Patel | Mr. Yuvraj Rahevar



Local Advisory Committee

Dr. Srinivas Duggirala | Dr. Niraj Sheth | Dr. Prateek Shilpkar

National Advisory Committee

1. Dr. A. M. Deshmukh, Professor, President, Microbiologists Society, India (MBSI)
2. Dr. Praveen Puranik, Professor, Dept. of Biotechnology, School of Life sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (M.S.) INDIA - 425 001
3. Dr. P. S. Wakte, I/C Director and Professor, SRTMUN sub campus, Parbhani, Head, PG Department of Microbiology, DSM College, Parbhani, Maharashtra
4. Dr. V. Ramanathan, Department of Chemistry, IIT, Varanasi, Uttar Pradesh
5. Dr. Satish Pardeshi, Department of Chemistry, University of Pune, Maharashtra
6. Dr. Dipak Dalal, Department of Chemistry, NMU, Jalgaon, Maharashtra
7. Dr. Rajesh Joshi, Department of Physics, SRTMU, Nanded, Maharashtra
8. Dr. Ajay Parikh, Dean, Faculty of Information and Communication Technology, GVP
9. Dr. Dahyabhai Patel, Dean, Faculty of Education, GVP
10. Dr. S. R. Dave, Director, Xavier Research Foundation; Loyola Center For Research and Development
11. Dr. Datta Madamwar, Director, University Research Center, Charusat
12. Dr. Rakesh Patel, Rtd, Professor, R. G. Science College
13. Dr. Devyani Tipre, Professor, Department of Microbiology, GU
14. Dr. Ujjval Trivedi, Professor, Department of Bio Science, SPU
15. Dr. Amita Shah, Professor, Department of Bio Science, SPU
16. Dr. Sangita Sharma, Professor and Head, Department of Chemistry, HNGU
17. Dr. H. D. Patel, Professor and Head, Department of Chemistry, GU
18. Dr. Ashish Prajapati, Professor, Department of Chemistry, MSU
19. Dr. Hitesh Parekh, Professor, Department of Chemistry, SPU
20. Dr. Hitendra Patel, Professor, Department of Chemistry, SPU
21. Dr. Paresh Patel, Professor, Department of Chemistry, VNSGU
22. Dr. D. P. Patel, Principal, Government Science College, Gandhinagar
23. Dr. M. P. Deshpande, Professor and Head, Department of Physics, SPU
24. Dr. Rajiv Vaidya, Department of Physics, Shri P. T. Science College, Godhra
25. Dr. P. N. Gajjar, Professor and Head, Department of Physics, GU
26. Dr. Mehul Dave, Head, Department of Physics, CVMU
27. Dr. Jagdish Prajapati, Principal, Government Science College, Unjha
28. Dr. R. F. Thakor, Programme coordinator, KVK, Ambheti, Valsad

Technical Support Team

Mr. Jayesh Patel | Mr. Montu Raval