



**INTERNATIONAL  
CONFERENCE**

**SCIENTIFIC PROGRESS IN ENVIRONMENTAL  
AND ECONOMIC DEVELOPMENT**

 *Innovating for a Balanced Tomorrow*

**SPEED**  


**FEBRUARY 28 & 29  
2024**

**CORE THEMES**

- THEME 1 | An Indic way of Sustainability for Vikasit Bharat @2047**
- THEME 2 | Applications of Remote Sensing Techniques for ecological and environmental Conservation.**
- THEME 3 | Care for Nature, Climate change; Plant science & Horticulture; Bioinformatics in Biology**
- THEME 4 | Contemporary and futuristic strategies in animal and biomedical sciences**
- THEME 5 | Green and Sustainable Chemical Science**
- THEME 6 | Materials and Technology for Renewable Energy**
- THEME 7 | Securing Progress: The Role of Cybersecurity in Sustainable Economic Development**
- THEME 8 | Sustainable Food and Nutrition**
- THEME 9 | The magic and menace of Microorganisms**
- THEME 10 | Towards a safer tomorrow with ancient wisdom and practices: reconnecting the dots**

**ORGANIZED BY**

**UNIVERSITY SCHOOL OF SCIENCES, GUJARAT UNIVERSITY, AHMEDABAD 380 009**

**PARTICIPATING DEPARTMENTS**

**Biochemistry & Forensic Science | Botany, Bioinformatics & Climate Change | Chemistry |  
Earth Science | Environment Science | Indian Institute of Sustainability | Life Science, Food  
Science & Nutrition | Microbiology & Biotechnology | Physics, Electronics & Space Science |  
Zoology, Biomedical Technology & Human Genetics**

## INTERNATIONAL CONFERENCE

FEBRUARY 28 & 29, 2024

## ABOUT THE CONFERENCE

The SPEED conference is convened to address urgent ecological and environmental challenges through a multidisciplinary lens, merging Chemistry, Biology, and Physics. Sustainable development strategies are the primary focus, with key areas including sustainable material synthesis, the biological impacts of climate change, renewable energy integration, and eco-friendly agriculture.

Discussions at the conference will highlight the importance of developing green chemicals, understanding climate-related biological shifts, and leveraging renewable energy. Sustainable agricultural methods and the mitigation of pollutants receive significant attention, alongside the exploration of nanotechnology for environmental protection. The application of bioinformatics for environmental health, and the sustainability of food security are key topics. This conference serves as a critical intersection for scientific expertise to drive innovative, sustainable solutions to pressing environmental issues.

## GUJARAT UNIVERSITY

Gujarat University, established in 1949 by Mahatma Gandhi and Sardar Vallabhbhai Patel, is the oldest university in Gujarat. Situated on a 260-acre lush-green campus in Ahmedabad, it has played a pivotal role in the region's educational and cultural development. The university has a distinguished list of alumni, including Dr. Vikram Sarabhai, Dr. Kasturirangan, Prime Minister Narendra Modi, and Dr. Ravindra Dave. It encompasses 286 affiliated institutes, catering to approximately 400,000 students across five major schools and over 60 academic departments.

Gujarat University is also known for fostering innovation and entrepreneurship through its Gujarat University Start-Up and Entrepreneurship Council (GUSEC). A leader in forensic science education, it was the first in Western India to offer a postgraduate course in the field in 2006 and is recognized for quality research and a high number of UGC-NET/JRF qualified students in forensic science.

## ACTIVITIES

1. Showcasing departments of School of Sciences, Gujarat University
2. Poster and Oral Presentations
3. Panel discussion with Experts
4. Interactions of Research Scholars
5. Science Rally





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## **DISTINGUISHED SPEAKERS**

**Mr. Samanta Kumarasena** | CEO, National Cleaner Production Centre, Sri Lanka

**Prof. (Dr.) Balram Chowbay** | Clinical Pharmacologist, Division of Cellular & Molecular Research, Singapore

**Dr. Neeru Sood** | Head, Department of Biotechnology, BITS Pilani Campus, Dubai

**Prof. (Dr.) B W Pandey** | Dean Works and Director: Centre for Himalayan Studies, University of Delhi

**Dr. Shanti Kumar Sharma** | Assistant Director General, Indian Council of Agricultural Research, New Delhi

**Dr. Anamik Shah** | Ex-VC Gujarat Vidyapith

**Prof. (Dr.) Deepak Pathania** | Professor, Central University of Jammu, Jammu & Kashmir

**Prof. (Dr.) Varun Joshi** | Dean Science Faculty, GGIPU New Delhi

**Dr. Sumer Chopra** | Director ISR, Gandhinagar

**Dr. Prateek Maheswari** | Indian Institute of Foreign Trade, Gandhinagar

**Dr. Sarat Dalai** | Director, Institute of Science, Nirma University, Gujarat

**Prof. (Dr.) Bhawana Pathak** | School of Environment & Sustainable Development, CUG, Gandhinagar

**Dr. Pankaj Yadav** | Pandit Deendayal Energy University (PDEU), Gujarat

**Dr. Shiv Mohan** | Former Project Director, RISAT-UP, SAC-ISRO, PRL, Ahmedabad

**Prof. (Dr.) Komal Chauhan** | Department of Food and nutrition, M.S. University, Vadodara

## **CALL FOR ABSTRACT**

The abstract should be sent as soft copy by E-mail and hard copy after acceptance with registration form and fees to the Convener, latest by 20<sup>th</sup> February 2024.

The title of paper should be in capital, bold and with 14 font size (Times New Roman) Name of authors should be bold, and center aligned 12 font size (Times New Roman), affiliations and E-mail The name of corresponding author should be underlined The abstract should be precise, contain in maximum 300 words.

In the submitted word file of abstract, please specify the theme under which the submitted abstract should be categorized.

The abstract should be sent by E-mail at: [gu.speed2024@gmail.com](mailto:gu.speed2024@gmail.com)

Detailed programme shall be sent by E-mail to registered participants only

## **IMPORTANT DATES**

Registration and Abstract submission deadline:

**20<sup>th</sup> February 2024**

Confirmation of Abstract acceptance:

**23<sup>th</sup> February 2024**

## INTERNATIONAL CONFERENCE

FEBRUARY 28 & 29, 2024

### PATRON

Dr. Neerja A Gupta  
Hon. Vice Chancellor,  
Gujarat University

### CO-PATRON

Dr. P. M. Patel  
Registrar,  
Gujarat University

### CONVENER

Prof. (Dr.) Meenu Saraf  
Director,  
University School of Sciences, Gujarat  
University  
Head, Department of Microbiology and  
Biotechnology

### ORGANIZING SECRETARY

Prof. (Dr.) Rakesh M. Rawal  
Head,  
Department of Life Sciences, Gujarat University

### ACCOUNT DETAILS

Account Name: Speed-2024 Gujarat University

Account No.: 50200092022954

IFSC Code: HDFC0000006

Branch: Navrangpura

Bank: HDFC Bank Ltd.

### THEMES & CO-ORDINATORS

THEMES	NAME OF CO-ORDINATORS
THEME-1	Prof. (Dr.) Kiransinh Rajput
THEME-2	Prof. (Dr.) Shital Shukla
THEME-3	Prof. (Dr.) Hitesh Solanki
THEME-4	Prof. (Dr.) Divya Chandel
THEME-5	Dr. Dilip Vasava
THEME-6	Prof. (Dr.) D. H. Gadani
THEME-7	Dr. Kapil Kumar
THEME-8	Dr. Richa Soni
THEME-9	Prof. (Dr.) Rakesh Panchal
THEME-10	Prof. (Dr.) Rakesh Rawal

### REGISTRATION FEES

Rs. 700/- : For P.G. students

Rs. 1000/- : For Research Scholar

Rs. 1500/- : For Faculty

Rs. 3000/- : For Industrial Delegates

### CONTACT

For all the queries and information  
please E-mail at [gu.speed2024@gmail.com](mailto:gu.speed2024@gmail.com)  
and we will provide response within 24 hrs.

### REGISTRATION



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