

ORGANIZING COMMITTEE

Patron

Prof. Nilambari R. Dave
Vice Chancellor

Guests of Honour

Dr. Mehul Rupani, Syndicate Member & Dean, Faculty of Science
Prof. Girish Bhimani, Syndicate Member & Other than Dean,
Faculty of Science

Organizing Chairperson

Prof. Satya P. Singh

Organizing Co-Chairpersons

Prof. BRM Vyas
Prof. Ramesh K. Kothari

Organizing Secretaries

Dr. Sangeeta D. Gohel
Ms. Jalpa Rank

Treasurers

Dr. Mital Kaneria
Mr. Kavan Andharia

Members: Organizing Committee

Prof. V.S. Thaker
Prof. Rahul Kundu
Dr. V. M. Trivedi
Ms. Jigna H. Patel
Dr. Jigna Tank
Dr. Kiran Chudasama
Dr. Shweta Pathak
Dr. Jyoti Jigyasi

INVITED TALKS

Prof. B.J. Rao (Professor, TIFR, Mumbai; Currently Dean- Indian Institute of Science Education and Research (IISER)-Tirupati)- Key Note Address

On: "Cellular switches controlling life and death are intertwined: A mechanistic perspective"

Dr. Rajesh Mehrotra (Birla Institute of Technology-BITS, Goa Campus)

On: "ACGT cis regulatory elements in Plant gene expression: A comparative genomics perspective"

REGISTRATION FORM

One-Day National Conference

on

New Horizons of Biological Sciences

26 February, 2019

1. Name : _____
2. Designation : _____
3. Gender(M/F) : _____
4. Institution/
Organization : _____
5. Address : _____
6. E-mail ID : _____
(Compulsory)
7. Mobile No. : _____
8. Presentation
Title : _____
9. Registration
Fee paid in
cash / DD : _____

(Mention DD
Number, date
& Bank)
10. _____

Signature

ONE-DAY NATIONAL CONFERENCE

ON

NEW HORIZONS OF

BIOLOGICAL SCIENCES

26 February, 2019



Re-Accredited Grade 'A' by NAAC

Organized by

DEPARTMENT OF BIOSCIENCES

(UGC - Centre of Advanced Study)

SAURASHTRA UNIVERSITY

RAJKOT – 360 005

Gujarat State, India

Website: <http://dept.saurashtrauniversity.edu/bioscience/>



ABOUT THE UNIVERSITY

Saurashtra University, established on 23rd May, 1967, is situated in Rajkot city of the Saurashtra region of Gujarat State. The campus of the University is spread over 360 acres of land. The jurisdiction of the University includes Amreli, Jamnagar, Junagadh, Porbandar, Rajkot, Surendranagar, Morbi, Gir Somnath and Dwarka districts. It has 28 Post graduate Departments on its campus and 297 affiliated colleges. The Saurashtra University is the first university of Gujarat to be NAAC Accredited as "A".



Prof. Asit Pattnaik:
(University of Nebraska, USA)
With the Hon. Vice Chancellor



An Event of LSA

Vision

The vision of Saurashtra University is to be at the vanguard of knowledge in the domain of Higher learning and achieve the highest global standards.

Mission

- To achieve excellence in teaching and research
- To empower learners in achieving their professional goals
- To strengthen educational-professional interface
- To contribute in building the society and the nation
- To improve the quality of life in harmony with our heritage culture and environment
- To relate learning with the highest human values

ABOUT THE DEPARTMENT

The Department of Biosciences was established in 1969 by late Prof. S.C. Pandeya. The Department of Biosciences has been a fountain head of research and teaching activities aimed at multi-disciplinary understanding of the Modern Biology. With faculty strength of around 17, the department offers PG programmes, i.e., M.Sc. in Microbiology, Botany, Zoology and Biotechnology. There are around 150 students pursuing M.Sc/M.Phil courses and around 50 Ph.D. students in the department pursuing research in various disciplines of Biosciences. The areas of research in the Department are diversified and include Extremophiles, Metagenomics, Bioremediation, Environmental

Microbiology, Bioinformatics, Biotechnology, Plant Physiology & Molecular Biology, Herbal Technology & Medicinal Plants, Marine & Coastal Biodiversity, Ornithology, Wildlife Biology, Fisheries Biology, and Insect Biology.

Today, the department is progressing with the major theme of Integrated Biology in diversified research areas. The approval of the Centre of Advanced Study (CAS) by the UGC in July 2012 to the Department of Biosciences is the highest distinction that reflects the academic and research capabilities of the Department. In early 1980's, UGC-SAP Programme on Desertification was approved followed by the sanction of DSA Phase 2 and 3 by the UGC. In 2001, the major infrastructural assistance programme, COSIST was also approved by the UGC followed by the award of the FIST Programme by DST, New Delhi in 2007. During the last 10 years, the Department has received research grant worth more than Rupees 7 Crores from the Central Government (UGC, DBT, DST, SERB, DRDO, MoES and MHRD), Govt. of Gujarat (GSBTM/GUJCOST) and Industries. Currently, several projects are running in the Department. The Department has various sophisticated equipments for advanced research and teaching. During the last 10 years, around 80 Research Fellowships have been awarded to Ph.D. scholars by UGC, CSIR, DBT, MoES, and Gujarat Government. The Department has published more than 320 Research Papers, 25 Books, 50 Book Chapters and 400 research papers presented in the conferences and more than 06 bacterial whole genome sequences submitted to NCBI. Department has signed several MoUs with National and International Universities and research institutions.

ABOUT THE CONFERENCE

The Department of Biosciences, Saurashtra University is organizing a National Conference on New Horizons in Biological Sciences. Modern Biology provides a perceptive about the living organisms and their interactions. The conference proposes to focus on how the basic concepts in Biological Sciences have progressively developed and led to the materialization of their ample applications in human welfare. Consequently, last few decades saw how the understanding of the basic principles of biology laid the foundation for the modern biology as an industry which fascinated entrepreneurs in India and across the globe and provides tremendous scope for future growth and expansion. This conference will provide a platform where scientists from leading academic institutions and industry will share and discuss basic concepts in biological areas as well as their current research areas. Modern Biology embraces interdisciplinary sciences which draws the knowledge from various areas in Biological Sciences. Our aim is not to confine the conference to just one of two specializations but to make it open to the researchers who use fundamental knowledge in various applications. Thus, the conference would accept research contributions from major sections in Biological Sciences i.e., Microbial Sciences, Plant Sciences, Animal Sciences and Biotechnology.

In addition to poster sessions, there would be a key note talk and an invited lecture. The main idea of the conference is to highlight and reemphasize the significance of basic biology. The conference would provide platform to participants, the young researchers as well as senior scientists - some of them may eventually lead to fruitful collaborations. This conference would provide all the participants with ample opportunity to either contribute in the scientific sessions or attend key lectures by the invited guests.

CALL FOR POSTER PRESENTATION

Abstract for poster presentation should be mailed to ncnhbs2019@gmail.com. The abstract not exceeding 200 words should be in Times New Roman, size 12. The title should be bold in Upper case, followed by names of the authors and affiliation. The name of the presenting author should be in bold. We will consider the first author as the presenting author unless specified otherwise. The Email of the corresponding author

should be mentioned. The acceptance of the abstract will be communicated to the corresponding author after review by the research committee.
Poster Size: 3 ft width and 4 ft Height (36 inch W x 48 inch H)

WHO SHOULD ATTEND

Faculty, Research scholars, Postgraduate and Under Graduate Students, Persons from industries/research and academic organizations

REGISTRATION

Participants from Industry	1000 INR
Faculty members from Academic Institutions/Research Organizations	600 INR
Research Scholars (Ph.D. & M.Phil Students)	400 INR
M.Sc./B.Sc. Students	300 INR

MODE OF PAYMENT OF REGISTRATION

BANK TRANSFER

Account No.	1340912900
Bank	Central Bank of India
Branch	Saurashtra University Campus, Munjka, Rajkot
IFSC Code	CBIN0281313
MICR Code	360016009

DEMAND DRAFT

Payable at Rajkot in favor of 'ORGANISING SECRETARY TREASURER, NCB-2000.

Direct Deposit in Cash in the bank account mentioned above, followed by submitting the Deposit slip

Deadline for the Registration and Submission of the Abstract
On or before February 10, 2019

VENUE

UGC-CAS Department of Biosciences, Saurashtra University, Rajkot-360 005, Gujarat