

## Speakers

Prof. Dr. Lokesh Tribedi	Atomic & Molecular Physics Division, TIFR, Mumbai
Prof. Dr. R. D. Deshpande	Head, Geosciences division, Physical Research Laboratory (PRL), Ahmedabad
Prof. Dr. C. G. Joshi	Head, Department of Animal Biotechnology, AAU, Anand
Dr. Jayashankar Das	Sector Specialist(Bioinformatics), GSBTM, Gandhinagar
Mr. Niraj Pancholi	Forensic Science Laboratory (FSL), Ahmedabad

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Prof. Dr. Ashok Shanubhogue,	Department of Statistics, SPU
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Dr. R. G. Patel,	Principal, Arts & Science College, Bhadran
Dr. A. M. Patel,	Principal, J. & J. College of Science, Nadiad
Dr. Alpesh J. Raval,	Principal, Science College, Kapadwanj
Mr. Harshad Mandola,	Shree P. M. Patel Institute of Bioscience, Anand
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For further details please contact:

**Dr. Rakesh V. Patel**

Organizing Secretary, ETOIS-2017

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## Centre for Interdisciplinary Studies in Science & Technology (CISST) Sardar Patel University

Organizes

UGC Sponsored State Level

One Day Seminar on

EMERGING TRENDS AND OPPORTUNITIES  
IN INTERDISCIPLINARY SCIENCES

(ETOIS-2017)

3<sup>rd</sup> February, 2017

9:00 a.m. to 5:30 p.m.

Venue

**M. P. Patel Auditorium  
Sardar Patel University  
Vallabh Vidyanagar- 388 120**

## About the Seminar

The Seminar ETOIS-2017 aims to provide an exposure cum appraisal regarding the emerging trends in interdisciplinary sciences and futuristic career opportunities for the benefits of final year B. Sc. Students. The seminar will consist of invited talks as well as interactions on prospects and career opportunities in Interdisciplinary fields of Science and Technology.

Moreover, a poster presentation competition for enthusiastic students will also be arranged in the post-lunch session, and it will carry attractive prizes. The posters for the competition can be based on the themes listed below.

## About CISST

Forseeing the future challenges and the importance of Interdisciplinary studies, Sardar Patel University recently has established a centre for Interdisciplinary Studies in Science and Technology (CISST) to provide quality education and to prepare trained human resources in interdisciplinary fields. It is an innovative joint venture of all the Basic Science Departments of the University to promote interdisciplinary studies. CISST offers M.Sc. programmes in the interdisciplinary areas such as : i) Biomedical Science ii) Defence Science iii) Earth Science and iv) Bioinformatics.

## Themes for the Seminar

**Biomedical Science:** Biomedical Devices, Biomaterials, Bio-nanotechnology, Biomedical Electronics, Biosensors, Biomedical Microsystems and Clinical Physiology.

**Defence Science:** Smart materials, protective coatings, automation controls and design, missiles technology and navigation systems, arms and ammunations etc.

**Earth Science:** Geology, geophysics, soil science, oceanography, hydrology, glaciology and atmospheric sciences, critical zone studies.

**Bioinformatics:** Network biology, system biology and synthetic biology, gene therapy, medical practices, food production etc.

## Why Interdisciplinary Approach?

Interdisciplinary study integrates information, data, techniques, tools, perspectives, concepts, and/or theories from two or more disciplines or bodies of specialized knowledge to advance fundamental understanding of complex problems. Interdisciplinary sciences is an emerging field in 21st century as nature reveals many challenges before us. Interdisciplinary research arises in a variety of different ways from natural evolution into overlapping of advanced disciplinary fields wherein the requirements of new research tools and technologies and their spin offs open up new possibilities across the disciplines which can only be solved by putting together the advancements in the disciplinary knowledge.

## The poster presentation ETOIS – 2017

The Poster session (maximum three students per one group) is to impart the awareness about emerging areas and future opportunities in various interdisciplinary sciences. The selected best poster will be awarded a prize.

The posters (size: 1m x 1m) brought by participants must be displayed at the time of registration itself.

## How to participate in the seminar

Final year college students are requested to submit their duly filled registration form to the contact address either by e-mail or hard copy on or before 31<sup>st</sup> January, 2017.

**Registration Fee Rs. 100/-**

## UGC Sponsored State Level One Day Seminar on EMERGING TRENDS AND OPPORTUNITIES IN INTERDISCIPLINARY SCIENCES (ETOIS-2017)

3<sup>rd</sup> February, 2017 - 9:00 a.m. to 5:30 p.m.

### REGISTRATION FORM

Last Date for Registration: 31<sup>st</sup> January, 2017

Name : \_\_\_\_\_

Institute/College : \_\_\_\_\_  
\_\_\_\_\_

Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone/Mobile : \_\_\_\_\_

E-mail : \_\_\_\_\_

Theme for Poster  
Presentation : \_\_\_\_\_  
\_\_\_\_\_

Attendance as : Participant ( ) Poster ( )

Seal / Stamp of Institution

Signature of Head/ Principal