



ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય  
CENTRAL UNIVERSITY OF GUJARAT

## TWO DAY NATIONAL CONFERENCE

ON

**Applied Materials Science  
on 6-7th April 2018**



**Organised by  
Centre for Applied Chemistry  
Central University of Gujarat**

### Venue

Conference Hall  
Central University of Gujarat  
Sector 29, Gandhinagar 382029

[www.cug.ac.in](http://www.cug.ac.in)

### CENTRAL UNIVERSITY OF GUJARAT

The Central University of Gujarat has been established by the parliament vide the central university Act, 2009 (25 of 2009) with objective of dissemination and advancement of knowledge to make special provisions for integrated course to educate and train manpower for the development of the country. This will help to take appropriate measure for promoting innovation in teaching-learning and to pay special attention to the improvement of social and economic conditions and welfare of the people, their intellectual, academic and cultural development.

### CONFERENCE HIGHLIGHTS

- Advanced functional materials
- Polymer science engineering and future perspective in industrial application
- Bio polymers and bio plastics
- Drug-delivery applications
- Sensors and actuators
- Carbon and graphene nano-structures
- New methodology for synthesis
- Computational Chemistry
- Bio/Cheminformatics
- Green Chemistry

### Who can participate?

- ♦ Conference is for faculty members & Ph.D. students. and industry personnel/
- ♦ Limited seats are available (serve on first come basis).

### Abstract Submission

Abstract of maximum 250 words for poster presentation are invited from participants. The soft copy ( of abstract can be send as an email attachment to the following ID; [cac@cug.ac.in](mailto:cac@cug.ac.in) Three Best Posters will be awarded.

**Last date: 30th March 2018**

### Registration Fee

Faculty Member Rs. 1000/-  
Student Rs. 500/-  
Industry person- Rs 2500/

### Bank Details

A/C No: 5999101000793  
A/C Name: CAC  
Bank: Canara Bank  
Branch: Central University of Gujarat Campus ,  
Sector -29 Gandhinagar.  
Branch IFSC: CNRB0005999

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## About Centre for Applied Chemistry

The changing global scenario in research and economy demands multidisciplinary approach in science with the aim to be self-sustainable and leader in the field. It is speculated that 21<sup>st</sup> century belongs to those who subscribe to out of the box approach and thinking. Even the recent government of India initiative by honourable Prime Minister for Make in India supports this thinking. Besides Obama administration (White House) in USA has issued a white paper on materials genomics which says following: Advanced materials are essentials to economic security and human wellbeing, with application in multiple industries, including those aimed at addressing challenges in clean energy, national security, and human welfare. Accelerating the pace of discovery and deployment of advance material system will therefore be crucial to achieving global competitiveness in 21<sup>st</sup> century. It is expected that materials genome initiative will create a new era of materials innovation that will serve as a foundation for strengthening domestic industries in these fields. This initiative offers a unique opportunity to discover, develop, manufacture and deploy advance materials at least twice as fast today, at a fraction of the cost, finding a system which can meet certain stringent criteria for modern day requirements. The purpose behind this centre is to provide new ideas and methodology which could serve as a conduct for collaboration between experimental research who are synthesizing, characterizing and collecting real world data and computational research in model building, simulation and analysis under one roof. This synergy provides critical fundamental that can guide new experiments and accelerates discovery.

## CONFIRMED SPEAKERS

Prof Sameer Sapra, IIT Delhi  
Dr. Surendar Barala, DRDO Jodhpur  
Prof. Ramesh C. Nath, IISER Trivandrum  
Dr. Mamta Sahoo, IISER Trivandrum  
Dr. Vaibhav Kulshrestha, CSIR-CSMCRI  
Prof. Manoj Kumar, MNIT Jaipur  
Prof. Kamendra Awasti, MNIT Jaipur  
Prof. Ajit K Patra, CU Rajasthan  
Prof. Rajendra S. Dhayal, CU Punjab  
Dr. Pooja Deep, IICT Hyderabad  
Prof. Iti Gupta, IITGN  
Prof. Sriram K. Gundimeda, IITGN  
Prof. Sudhanshu Sharma, IITGN  
Prof. Amit Sharad, NIPER Ahmedabad  
Prof. Akshay Srivastava, NIPER Ahmedabad  
Prof. Deep Kumar Joshi, Patan  
Prof. Yuishiro Abe, Springer Nature, Japan  
Prof. Praveen K Surolia, Manipal Jaipur  
Prof. Sunil Nair, IISER Pune  
Prof. Rajiv Srivastava, IIT Delhi  
Prof. Vijayakrishna Kari, VIT Vellore  
Prof. Akella Sivaramakrishna, VIT Vellore  
Prof. Arup Gayen, Jadavpur University  
Prof. Chanchayya G. Chandaluri, CURAJ  
Prof. M. Bhanuchandra, CURAJ  
Prof. Ravi K. Kanaparthi, CUKER  
Prof. Bimlesh Lochab, Shiv Nadar University

## Chief Patron

Prof. S. A. Bari  
Vice Chancellor, Central University of Gujarat

## Convener

Dr. Prakash C. Jha  
Chairperson, CAC

## Organizing committee

Dr. Kamlesh Kumar  
Dr. Raju L Chowhan  
Dr. Eeshwaraiah Begari

[http://www.cug.ac.in/  
academic\\_programmes/c\\_sc\\_cac.php](http://www.cug.ac.in/academic_programmes/c_sc_cac.php)

## CONTACT

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