



પ્રજ્ઞાતા કેન્દ્રીય વિશ્વવિદ્યાલય
CENTRAL UNIVERSITY OF GUJARAT



NANOMATERIALS TODAY 2020

SERB-SPONSORED RESEARCH TRAINING PROGRAM & NATIONAL CONFERENCE

ON

Advanced Characterization of Materials

On

26th - 27th March 2020

**Organised by
School of Nano Sciences
Central University of Gujarat**

Venue

**Conference Hall
Central University of Gujarat
Sector 29, Gandhinagar-382029**

www.cug.ac.in

About Central University of Gujarat

Central University of Gujarat has been established by an Act of Parliament (Act. No. 25 of 2009), the gazette of India No. 27, published on 20th March 2009. The mission of CUG is to provide access to quality education and create opportunities for encouraging students to effectively engage with emerging innovations and technological challenges, international competitiveness and leadership in thought as well as in action. CUG is also conscious of the importance of developing entrepreneurial and scholastic abilities for creation of knowledge, wealth and prosperity for the country as well as peace and happiness for human beings.

About the Research Training Program and Conference

Nanoscale materials are getting immense attention of academician and industries. At nanoscale level, a material behaves significantly different from its bulk material. Nanomaterials show high surface reactivity due to change in their surface-to-volume ratio. The change in reactivity leads to change in the optical, electronic, chemical and mechanical properties of the materials. Therefore, a detailed characterization of nanomaterials is needed to understand the change in the properties of the material. This research training program cum conference is expected to provide the understanding and handling of sophisticated instruments used for characterization of nanomaterials.

About School of Nano Sciences

School of Nano Sciences (SNS) was earlier established as Centre for Nano Sciences in 2012. Later, it was converted into School of Nano Sciences in 2016. The School offers M. Sc. in Nanotechnology and direct Ph.D. programme in Nanosciences. The students of the School have access to several sophisticated equipment's like DLS, XRD, XPS, NMR, AFM, SEM, FACS, MALDI-TOF, Confocal Microscope, etc. in the Central Instrumentation Facility of the University. The School of Nano Sciences is equipped with instruments like UV-Vis spectrophotometer, Thermal CVD system, Photo catalytic set up, gel electrophoresis, ovens, incubator, bath sonicator, centrifuge, magnetic sputtering, Four Probe and Hall apparatus etc. besides cell culture facilities. The thrust area of research at SNS are Microwave-based synthesis, Energy, Health, Agriculture, Electronics and Environment.

Research Training Program

SERB-sponsored research training program will be conducted to provide training on sophisticated instruments available at Central Instrumentation Facility at Central University of Gujarat, Gandhinagar.

Theme of the Conference

- Microscopic characterization of Nanomaterials
- Spectroscopic characterization of Nanomaterials

Chief Patron

Prof. Rama Shankar Dubey

Vice-Chancellor, Central University of Gujarat

Chairperson

Dr. Indrani Banerjee

Dean, School of Nano Sciences

Convener

Dr. Hitesh Kulhari

School of Nano Sciences

Central University of Gujarat

Phone. 079-2326-0628; 9494751080

E-mail: hitesh.kulhari@cug.ac.in

Organizing Committee

Dr. Charu Lata Dubey, School of Nano Sciences

Dr. Umesh Kumar, School of Nano Sciences

Dr. Manu Sharma, School of Nano Sciences

REGISTRATION DETAILS

Participation Fee/Category

Research fellow/Student : Rs 300

Faculty/Teacher : Rs 500

Note: There is no fee for participation in the research training program. So the participants attending only training program held on 26th march 2020 need not pay. The training program is only for research scholars and number of seats are limited to 30. The participation fee is only for attending the national conference on 27th march 2020 .

CONFERENCE SCHEDULE (TENTATIVE)

Day 1, 26th March, 2020, Inaugural Session

8:30 am - 9:30 am :	Registration
9:30 am - 9:40 am :	Welcome speech
9:40 am - 10:00 am :	Presidential address Prof. Rama Shankar Dubey. Vice-Chancellor , CUG
10:00 am - 10:45 am :	Keynote address
10:45 am - 11:00 am :	Vote of Thanks
11:00 am -11:30 am :	High Tea

Day 1, 26th March, 2020, Research Training Session

11:30 am- 1:00 pm :	Training Session 1
1:00 pm - 2:00 pm :	Lunch Break
2:00 pm - 3:30 pm :	Training Session 2
3:30 pm - 4:00 pm :	Tea Break
4:00 pm - 5:30 pm :	Training Session 3

Day 2, 27th March, 2020 National Conference

10:00 am - 11:00 am:	Keynote Lecture
11:00 am - 11:30 am:	Tea Break
11:30 am - 12:15 pm:	Invited Lecture 1
12:15 pm - 1:00 am:	Invited Lecture 2
1:00 pm - 2:00 pm :	Lunch Break
2:00 pm - 2:45 pm :	Invited Lecture 3
2:45 pm - 3:30 pm :	Invited Lecture 4
3:30 pm - 4:00 pm :	Tea Break
4:00 pm - 5:00 pm :	Poster Session
5:00 pm - 5:30 pm :	Valedictory function

INSTRUCTIONS

- ◆ The payment for registration must be carried out through online mode only.
- ◆ The participants are instructed to send the scanned copy of bank receipt with registration form through email.
- ◆ Last date of registration is **18th March 2020**.

BANK ACCOUNT DETAILS

A/C No: 5999101001479

A/C Name: Nanomaterials Today-2020

Bank : Canara Bank

Branch : Central University of Gujarat Campus
Sector –29 Gandhinagar.

IFSC Code: CNRB0005999

Email. nanomaterialstoday.2020@gmail.com

AWARDS

Two best poster presentations adjudged by a panel of subject experts will be awarded with 1st and 2nd prize.

ACCOMODATION

No accommodation will be provided. The participants should make own arrangement for accommodation.

Registration form

Title: Prof./Dr./Mr./Ms./Mrs.

Name:

University/Institute:.....

Designation:

Address:

.....

.....

City State.....

Pin Code..... Phone

Email:

Registration Category

Research Fellow/Student

Faculty/Teacher

Registration for

Training program (26/03/2020)

Conference (27/03/2020)

Payment Details

Amount.....Transaction ID.

Date Bank

Place

Signature.....