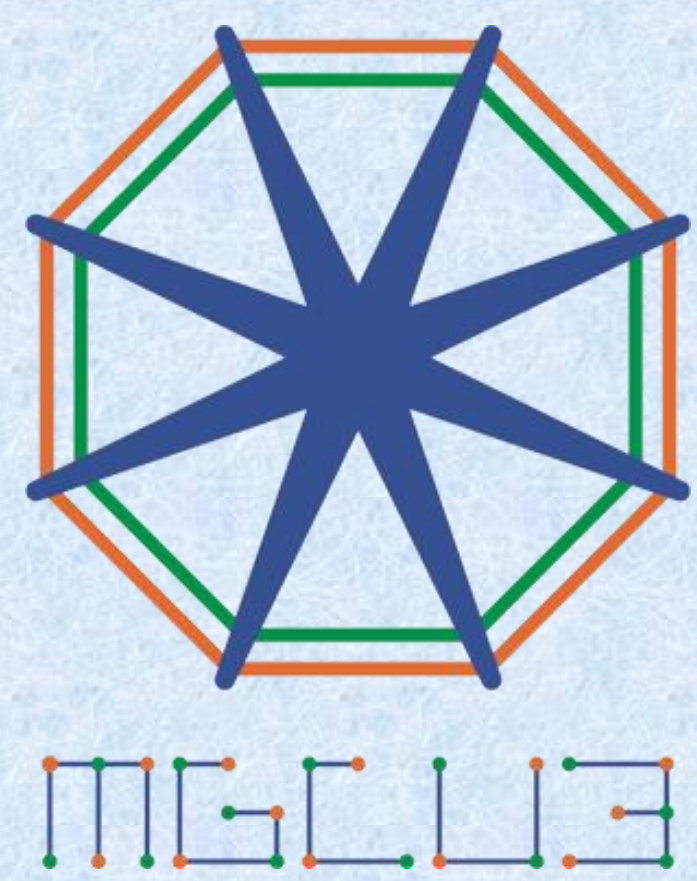




National Symposium on “Recent Trends In Chemical Sciences (RTCS-2019)” Date: 1st March, 2019



Venue: Conference Hall, Mahatma Gandhi Central University, Temp. Camp., Zila School, Motihari, East Champaran, Bihar

Mahatma Gandhi Central University: A Brief Introduction

On the historical land of Champaran, Mahatma Gandhi, the Father of the Nation, began the first Satyagraha movement against the atrocities of British Raj, therefore the university is named after the name of Babu as Mahatma Gandhi Central University. The territory of the State of Bihar being large, its requirement for access to, and quality in higher education was not being adequately met with just one Central University. In addition to the existing one i.e., Central University of South Bihar at Gaya, establishment of one more Central University was felt necessary. Therefore, the Mahatma Gandhi Central University was established under the Central Universities (Amendment) Act 2014 [No. 35 of 2014] enacted by the Parliament. The University is fully funded and regulated by the University Grants Commission (UGC). There are total seven different schools with 15 departments. At present two postgraduate and 13 undergraduate programmes are running. The Department of Chemistry comes under the School of Physical and Material Sciences with six faculty members who have received their academic and research experiences from the premier institutes/universities such as IIT, IACS, DU, BHU, CDRI etc. At present the Chemistry department is running undergraduate courses only. The postgraduate courses and research programmes are proposed to begin in upcoming academic session.

About Symposium

Theme

• With the advancement of new technologies and concepts, the area of chemical sciences has taken a paradigm shift from the synthesis of new molecules to the exploration of their application in diverse area including medicinal, material, catalysis, nanosciences etc. The esteemed speakers would be discussing about such emerging trends in the area of chemical sciences.

Objective

- The main goal of this symposium is to bring awareness among the students and the faculty members about the recent advancement in the area of the chemical sciences.
- It also intends to create interest of the students in this area and provide them broad overview about the subject.
- The research work and experiences shared by eminent speakers would motivate the students and faculty members to bring novel and innovative concepts in the area of Chemical sciences.

Target Audience

- Students and Researchers, Faculty members

Patron: Prof. Anil Kumar Rai, Hon'ble Vice-Chancellor, MGCU, Bihar

Advisory Committee:

Prof. A. Prakash, Dean, School of Life Sciences, MGCU
Prof. D. S. Pandey, Head, Department of Chemistry, BHU, Varanasi
Dr. S. K. Tripathi, Dean, School of Physical and Material Sciences, MGCU
Dr. S. K. Singh, Dean, School of Mathematics and Statistical Sciences, MGCU
Dr. D. Chaturvedi, Head, Department of Chemistry, MGCU
Dr. P. Singh, Department of Zoology, MGCU
Dr. A. Pal, Department of Zoology, MGCU
Dr. B. Pandey, Department of Biotech, MGCU
Dr. R. U. Islam, Department of Chemistry, MGCU
Dr. K. A. Siddiqui, NIT Raipur, Raipur, Chhattisgarh
Dr. B. K. Singh, Department of Chemistry, University of Delhi, Delhi

Confirmed Speakers

➤ **Prof. S. Sarkar:** He is an Honorary Emeritus Professor at IEST, Shibpur, India. He is also a fellow of Royal Society of Chemistry (FRSC). He has also spent approx. 34 years at IIT Kanpur as Professor and Head. He has been recipient of various prestigious awards and fellowships. Under his esteemed guidance, his research team has been involved in exploring a broad area such as Bioinorganic Chemistry, Nanosciences etc.

➤ **Prof. Dilip K. Maiti:** He is currently a Professor at the Department of Chemistry, University of Calcutta. He is also a Fellow of Royal Society of Chemistry (FRSC). His research interest lies in a vast area of Chemical sciences ranging from theoretical to applied chemistry such as nanosciences. Organometallic, medicinal etc.



➤ **Dr. Sahid Hussain:** He is currently holding the position of Associate Professor at the Department of Chemistry, IIT Patna. He received his Ph. D. from IIT Guwahati and postdoctoral experience at POSTECH, South Korea. His research area involves green chemistry, nano-material and synthetic methodologies.

➤ **Dr. Satpal S. Badsara:** He is an Assistant Professor at Department of Chemistry, University of Rajasthan. He received his Ph.D. Degree from University of Hyderabad. He has been awarded as DST INSPIRE Faculty by INSA. Recently he is honoured by ISCB Young Scientist Award-2019 in the area of Chemical Science. His expertise lies in the area of metal-catalyzed organic synthesis.

➤ **Dr. Garima Tripathi:** She is currently working as an Assistant Professor at the Department of Chemistry, T. N. B. College, Bhagalpur. She is also the Coordinator of Biotech department at T. N. B. College. She has received her Ph.D degree from Indian Institute of Technology, Kanpur. She had also worked as DST Women Scientist-B at IIT Kanpur. Recently she also received Start-Up grant (UGC). Apart from that she is recipient of Venus International Young Women Award (VIWA) in 2018. Her research lies in the area of organic synthesis mainly development of peptide and peptidomimetics of therapeutic importance

Abstract / Registration / TA / Accomodation

- ❖ RTCS-2019 invites abstracts for oral/poster presentation during national symposium on the theme “Recent Trends in Chemical Sciences”. Please submit it to the rtcs2019@gmail.com or may send directly to abhijeetkumar@mgcub.ac.in by February 26, 2019
- ❖ Broad Area of Interests: Nanoscience, Material Sciences, Supramolecular Chemistry, Organic/Inorganic Chemistry, Organometallic chemistry, Medicinal Chemistry, Green Chemistry, Environmental Sciences, Chemical Biology, Interdisciplinary areas related to Chemical sciences.
- ❖ The acceptance of the abstract would be communicated to the corresponding/presenting author by February 27, 2019.
- ❖ Please submit the abstract in the following format:
Title in Times New Roman Font (14 Pt Bold)
Presenting author, other authors, corresponding authors* (12 Pt normal)
Authors* addresses and e-mail address (10 Pt normal)
Abstract Max. 500 words (10 Pt Time new roman, line spacing 1.15)
Schemes/Figures (black and white Max. Height 2 inches)
References (max. Four) in ACS style (9 Pt normal)
- ❖ Registration Fees for:
 - Students/ Research Scholars : 500 INR
 - Faculty/Scientist : 1000 INR
- Registration fee could be deposited via online transfer to the account of “Mahatma Gandhi Central University Bihar” Account No. 3558579240, IFSC: CBIN0280030, Bank Name – Central Bank of India.
- ❖ On-spot registration fee is same as mentioned above.
- ❖ Lunch and high tea will be available for the registered participants.
- ❖ TA and Accommodation facilities will be provided to the confirmed speakers only.
- ❖ Last Date for online registration: 26 February, 2019.

Organized by:
Department of Chemistry, School of Physical and Material Sciences
Mahatma Gandhi Central University (MGCU) Motihari,
East Champaran, Bihar
Organizing Committee
Chairman: Dr. D. Chaturvedi, Head, Department of Chemistry, MGCU
Co-Chairman: Dr. R. U. Islam, Department of Chemistry, MGCU
Convener: Dr. Abhijeet Kumar, Department of Chemistry, MGCU
Organizing Secretaries:
Dr. Rajanish N. Tiwari, Department of Chemistry, MGCU
Dr. Anil K. Singh, Department of Chemistry, MGCU
Dr. Uttam K. Das, Department of Chemistry, MGCU

Tentative Technical Session Schedule

S. No.	Time	Session Topic	Speakers
I	08.30 AM onwards	Registration	
II	09:00-09:05 AM	Welcome Address	Dr. D. Chaturvedi , Head, Dept. of Chemistry
III	09.05-09.10 AM	Welcome Address	Dr. S. K. Tripathi, Dean, SPMS, MGCU
IV	09.10-09.25AM	Inaugural Function (Lightening of Lamp, Saraswati Vandana followed by floral tribute)	
V	9.25-9.35 AM	Welcome address by Hon'ble Vice-Chancellor, MGCU	Prof. Anil. K. Rai, Hon'ble Vice-Chancellor, MGCU
Technical Session I Chair Person: Dr. D. Chaturvedi			
VI	09.35-10.15 AM	“Is coal water soluble ? Do we eat carbon? The wonder use of carbon in bioimaging and drug delivery even to the brain”	Prof. S. Sarkar, FRSC, Honorary Emeritus Professor IEST,Shibpur
VII	10.15-10.35 AM	High Tea	
VIII	10.35 -11.15 AM	“Nanoscience and Nanotechnology – A Single Platform for Research Professionals to Discover Medicine to High-Tech Devices”	Prof. Dilip K. Maiti, FRSC, Professor, Department of Chemistry, University of Calcutta
IX	11.15-11.55 AM	“Nanoscale Materials for Biomedical, Adsorption and Photocatalytic Applications: A Greener Prospective“	Dr. Sahid Hussain, Associate Professor, Department of Chemistry, IIT Patna, Bihar
X	12.00-01.20 PM	Lunch Break	
Technical Session II Chair Person: Dr. R. U. Islam			
XI	01.20- 02.00 PM	“Peroxide promoted C-S bond formations: Reactivity, Scope, and Challenges”	Dr. Satpal S. Badsara, Assistant Professor, Department of Chemistry, University of Rajasthan, Jaipur
XII	02.00-02.40 PM	“Crown ether tethered peptides: Compounds of therapeutic importance”	Dr. Garima Tripathi Assistant Professor, Department of Chemistry, T. N. B. College, TMBU, Bhagalpur, Bihar
XIII	02.40-03.10 PM	Valedictory function	Prof. Anil. K. Rai, Hon'ble Vice-Chancellor, MGCU
XIV	03.10-03.20 PM	Vote of Thanks	Dr. Abhijeet Kumar, Convener, RTCS-2019
XV	03.20-03.22 PM	National Anthem	
XVI	03.22-3.40 PM	Tea	

For Correspondence

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