

Objective and Scope of the Conference

In recent days, there is an enormous interest towards the search of new advanced materials and to enhance the performance of various advanced technologies. In order to meet the rapid changing requirements, this conference has been taken as an initiative to discuss about the recent developments in the field of advanced functional materials to promote interdisciplinary research across the various disciplines. The main objective for organizing this conference on **“Physics and Chemistry of Advanced Materials”** is to provide an opportunity to bring together scientists / researchers / academicians under one roof to share their research experiences, scientific thoughts and experimental results with each other in different areas of materials science.

This conference will focus on many interesting and knowledge empowering scientific lectures covering the frontier areas of physics including condensed matter physics, Thin Film technology, Materials Physics, Applied Physics, Functional Materials and devices and many more. This conference also aims to promote scientific development, and exchange of novel ideas in science with special emphasis to its interdisciplinary nature and to explore opportunities in the emerging areas of advanced functional materials. It will also provide a platform to young researchers to interact with the subject experts.

This conference will also provide a good platform to find a suitable research collaborator to carry out research at home.

Theme of the Conference

The conference will be an amalgamation of various different research fields as listed below:

- Nanomaterials and Functional Nanostructures
- Surfaces, Interfaces and Thin films
- Organic-inorganic Hybrid materials
- Semiconductor, Multiferroic and Dielectric materials
- Electrical, magnetic, optical and thermal properties of Functional Materials
- Materials for Energy Conversion and Storage Devices
- Ion Beam Modification of Materials
- Magnetic Materials and its Applications
- Conducting Polymer and Polymer Nanocomposites
- Computational Materials Physics
- Carbon Materials and Applications
- Optoelectronic Materials & Devices
- Catalytic and Sensing Materials
- Chemistry of Biomolecules
- Optical Phase Change Materials

About the University

Mahatma Gandhi Central University (MGCU) is a budding Central University poised to take giant leaps in the world of academia. 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 i.e., Central University of South Bihar at Gaya, so 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). Since its first academic session, the University has been running classes full swing in two shifts to accommodate students of 20 programmes of study offered by 7 schools with nearly 110 faculty members.

About the Department

Department of Physics is one of the leading departments of the School of Physical Sciences which is committed to create a centre of excellence in science & technology by providing quality education through effective teaching, learning and evaluation processes using digital mode of technology. Faculty members of the Department are actively engaged in several up-thrust research areas including magnetic memory devices, energy storage and conversion devices like rechargeable batteries, supercapacitors, solar cell, hydrogen storage devices etc. by utilizing several nano-materials/composites, clean, green and low cost bio-waste materials based activated charcoal for its applications in energy storage and water treatment.

Unending efforts are being made by the department to develop the well equipped research and academic laboratories. The department currently offers undergraduate (B.Sc. Hons.), postgraduate (M.Sc.) and research programmes (M.Phil. & Ph.D.).

About the City

Motihari is the “karmbhoomi” of the Father of the Nation, Mahatma Gandhi, where he successfully experimented with the idea of “Satyagraha” during the “Neel Andolan” at Champaran in 1917. Motihari is also well connected to all major cities and towns of Bihar and adjoining states by road through a network of four-lane National Highway. Motihari is also connected to all the major cities by train. The nearest railway station is Bapudham Motihari (BMKI) which is approximately 2 kilometres from the Temporary Campus at Zila School, Motihari. One can also reach Motihari by train via Gorakhpur, Samastipur, Muzaffarpur and Raxaul. The nearest airport is at Patna which is approximately 170 kilometres away from Motihari.

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Patron

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Head, Department of Physics, Mahatma Gandhi Central University, Bihar

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&

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Department of Physics, Mahatma Gandhi Central University, Bihar

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Department of Physics, Mahatma Gandhi Central University, Bihar

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Faculty Members of Departments

Registration Form

NATIONAL CONFERENCE ON

"PHYSICS AND CHEMISTRY OF ADVANCED MATERIALS"

(NCPCAM-2019)

November 22 - 23, 2019

Name :
Designation :
Organization :
Area(s) of Interest :
Address :

Fax :
Phone/Mobile No. :
Email :
Please (√) as applicable
I intend to present a paper : Yes/No
I intend to participate in the Conference : Yes/No
Details of payment : DD/Online transactions ID No.
.....
Amount :
DD Number :
Date :
Name of the Bank :

The registration fee is payable through the Demand Draft (DD) drawn in favour of 'Mahatma Gandhi Central University' payable at Motihari or via Net Banking through detail given below.

Name : Mahatma Gandhi Central University Bihar
A/c No. : 3604439101
Bank : Central Bank of India
Branch : Luthaha, Motihari
IFSC Code : CBIN0280030

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Registration Fees

Faculty/Scientists : Rs. 1500 /-

Research Scholars / Students : Rs. 500 /-

The Registration fees include conference material, breakfast and lunch for the conference days. A copy of fee receipt must be sent to ncpcam2019@rediffmail.com, mentioning all the details (Name, address, Mobile, email etc.), before the due date to confirm registration.

The registration for the conference will be confirmed only after receiving the demand draft/copy of online transaction.

NOTE: The accommodation may be provided to the registered delegates in hotels on payment basis. The charges of occupancy shall be borne by the participants.

Nearby Hotels available:

- YS Hotel, Raza Bazar, Motihari
- SS Exotica, N.H.28A, Bankat, Kotwa, Motihari
- Hotel Ramsan Plaza, National Highway 28A Bariyarpur Motihari

The participants may look other accommodation arrangements at their own.

Call for Abstracts

A soft copy of the abstract(s) of the paper(s) should be emailed to ncpcam2019@rediffmail.com on or before 10th November 2019. Participants are requested to submit the abstract for oral/poster presentation as word file not exceeding 250 words. It should be typed in Times New Roman style. The title should have font size 14, author(s) name, affiliation and email address of presenting as well as corresponding authors in size 10 and the text in font size 11. The name of the presenting author should be underlined. The abstract, inclusive of any figures, tables or references, should not exceed one (1) standard A4 page. All the abstracts accepted for presentation at NCPCAM-2019 will be printed in the abstract booklet.

Important Dates

Last date for Submission of Abstracts : 10.11.2019

Date of Intimation of acceptance : 12.11.2019

Last date for Submission of Registration : 15.11.2019



NATIONAL CONFERENCE ON

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Organized by

Department of Physics
Mahatma Gandhi Central University
Motihari-845401, Bihar

