

## OBJECTIVES

Advanced materials refer to all new materials and modifications to existing materials to obtain superior performance in one or more characteristics that are critical for the application under consideration. These materials play a vital role in our lives because of their uniqueness in properties and extended application in various industries. These are the basis of modern science and technology. Advanced Materials are at the heart of many technological developments that touch our lives and find applications such as electronic materials for sensor, communication and information technology, biomaterials for better healthcare, sensors for intelligent environment, energy materials for renewable energy and environment, light alloys for better transportation, materials for strategic applications and so on. Advancement in materials can be achieved from the molecular level and up- such as new materials utilize the research community's understanding of chemical compound structures and other properties, and can be used to improve product performance, capability and efficiency of production processes. The aim of NSAMS-2018 is to provide a converging platform for exchanging novel ideas and findings among young researchers and delegates from research and industry. The symposium will enhance the academic environment of neighboring regions, in particular and country, in general. The organizing committee cordially invites all the researchers and dedicated workers in the field listed below to participate and present their research papers during the conference.

## TOPICS COVERED

Nano-materials and Nano-composites  
Green and Bio-materials  
Sensors : Chemical and Physical  
Magnetic and Dielectric materials  
Liquid crystals and Disordered materials  
Electronic materials, MOS Sensors  
Polymers, Glasses and Ceramics  
Superconducting materials  
Optical, lasing, photonic and meta-materials  
Photovoltaic and Nonconventional energy storage materials  
Materials for strategic applications  
Theoretical modeling and simulation studies

## ACADEMIC PROGRAM

The conference will consist of plenary lectures, invited talks and oral/poster presentations. Proceedings of the conference will be published in peer reviewed UGC listed journal. Authors are requested to submit abstract in one page limit in MS word as per attached template. The abstract may be sent to Prof. Umesh Yadava, organizing secretary through email to [nsamsqkp2018@gmail.com](mailto:nsamsqkp2018@gmail.com) latest by November 25, 2018. Full length paper may be sent to conference email ID before December 7, 2018 in MS word format.

## REGISTRATION FEE

Delegates from Industries: Rs. 3000.00

Delegates from Academic Institutions: Rs 1000.00

Student delegates: Rs. 800.00

Dead line for registration: November 25, 2018.

Accompanying persons will also have to register if they intend to avail the local hospitality and other allied facilities.

## ACCOMMODATION

Every effort will be made to accommodate participants in student hostels, University guest houses, and other available residential flats in University campus. These accommodations will be on sharing basis. However, accommodation in nearby hotels in the city can be booked on request on advance payment. Hotels are located in the range of 1.5 km from the symposium venue.

## FINANCIAL ASSISTANCE

Due to paucity of funds participants are requested to arrange travel expenses from their own Institutions. However, if situations permit, partial assistance may be provided to some participants in special cases.

## LOCATION

Gorakhpur is located at eastern part of Uttar Pradesh close to the foothills of Himalayas and Nepal border. It is 280 Km east of Lucknow and about 210 Km north of Varanasi. It is well connected by rail to almost all the major cities of the country. Road connections and effective bus transport services are available. Also, the city is connected by air to Delhi and Kolkata. The city is worldwide known for Geeta Press and Gorakhnath temple. Some of the nearby ancient historical places include Pawanagar, Kushinagar and Magahar. Weather during December in Gorakhpur is pleasant. Temperature ranges from 22-26°C during daytime.

National Symposium  
on  
**Advanced Materials Science**  
**(NSAMS-2018)**  
**December 7- 8, 2018**



### Registration Form

Dear Sir,

Kindly register the following names for the "National symposium on Advanced Materials Science (NSAMS-2018)" to be held during December 7- 8, 2018 at Department of Physics, DDU Gorakhpur University, Gorakhpur.

Name (in Block letters) .....

Name of the Organization.....

Designation:.....

Address.....

.....Phone.....Fax:.....

E-mail:.....

Title of Paper: .....

.....

If accommodation Required, please tick in the appropriate box below:

As per LOC arrangement:

Hotel arrangement :

### Details of Registration Fees:

Bank draft No.: ..... Date: .....

Amount: ....., drawn in favor of NSAMS- 2018, payable at Gorakhpur

Registration fee may also transferred in the name of "NSAMS 2018" to the SB A/C No.: **50466944980, Allahabad Bank, Gorakhpur University Branch, Gorakhpur, IFSC Code: ALLA0210106**. Please Inform the Transaction No. by email.

Sign.....

Date:.....

[Photocopy of this form may be used for more participants]

**Title of the paper in Times New Roman, font size 14, bold, centered, no underlining**

Names of authors (e.g. A. Bcdefg and H. Ijklm) in Times New Roman (TNR) font size 12, centered. Name of the presenting author should be underlined.

Affiliation in TNR font size 10, centered.

(e-mail: TNR10@centered.in)

Abstract of the paper should be in Times New Roman font size 12. The line spacing 1.15, with space after paragraph. The paper size should be A4 (210 mm x 297 mm) with 25 mm margin on all sides. The text should be justified (not right, left, or centered).

References occurring in the abstract should be numbered in order of their appearance and given in square brackets. Reference list should be given at the end in single spacing. For papers published in journals the style should be \$XWKRU¶V QDPH Z J W K L n a r o s a P u b l i s h i n g H o u s e V o l u m e U n n u m b e r i n b o l d, followed by starting page number and year of publication in parenthesis. For example the reference to Sudarshan paper [1] is listed below. References to books, if any, should be in W K H V W \ O H \$ X W K R U ¶ V Q D P H t h e L W K L Q L W b o o k i t a l i c i z e d, name of the publisher and year of publication; reference to pages (initial page number and final page number) may be given in the end using pp. for example Feynman book [2] is listed below.

References:

1. E.C.G. Sudarshan, *Phys. Rev. Lett.* **10**, 277 (1963).
2. R.P. Feynman, R.B. Leighton and M. Sands, *The Feynman Lectures on Physics, Vol. 1*, Narosa Publishing House, New Delhi, 2003, pp. 317-318.

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## National Symposium

on

## Advanced Materials Science

(NSAMS-2018)



December 7 - 8, 2018



## Department of Physics DDU Gorakhpur University Gorakhpur 273009 (U.P.)

Prof. Umesh Yadava  
(Organizing Secretary)

Prof. S. N. Tiwari  
(Convener)

email: nsamskpk2018@gmail.com, uyadava@gmail.com  
Contact numbers: +91 9415853376, 9450884082,  
9838221899, 9335631805, 9450253084, 9415260286