

National Conference on Recent Trends in Material Science and Nanotechnology

January 18-19, 2019

Organized by
Department of Physics



(deemed to be **UNIVERSITY**)
SFS, Gurukul Marg, Mansarovar, Jaipur-302020
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DEAR COLLEAGUE

It is our immense pleasure and privilege to invite you to the National Conference on "Recent Trends in Material Science and Nanotechnology" (MSN 2019) being organized by IIS(deemed-to be University), Jaipur, during 18-19 January 2019. The Conference will provide an opportunity to physicists from all over India to interact and discuss the contemporary issues of research in Physics.

IIS (deemed to be University)



It is a vibrant university based in one of the country's most exciting and ethnically rich cities – the Pink City. It is known for its excellence in student-centered learning. Amongst the thirty eight deemed to be Universities in India placed in the category 'A' by Ministry of Human Resource Development, Government of India, IIS University is a progressive institution that has blazed trails since its inception almost two decades ago as the International College for Girls (ICG). Within a short span of being granted an autonomous status by UGC in 2007, the college was declared deemed to be a University in 2009. It has also been accredited by NAAC and included u/s 12B by the UGC. The University is committed to promoting quality education, research and innovation and offers a wide array of semester based undergraduate, post graduate and research programmes which make for a robust academic environment.

Research at the University is deeply embedded in academics. The University promotes students and faculty members to actively participate in research for intellectual pursuits and creativity. The facilities and infrastructure available at the Department of Physics, too are continuously strengthened and enriched for the promotion of research activities, year after year. It currently offers UG, PG and research programmes. In the recent past department has also organized a National Conference on Recent Trends in Microwave Techniques and Optical Communication in collaboration with DST-SERB and BSNL.

ABOUT JAIPUR



Jaipur, the Pink City of India, is the starting point for the visitors of Rajasthan. The Capital of Rajasthan, Jaipur, casts an unusual spell on the travellers with its royal palaces, forts and monuments, revealing a historic past of chivalrous warriors, aristocratic royal ladies, art & craft, literature & science. Moreover handicrafts like miniature paintings, textiles, blue pottery and jewellery make it a shopper's paradise.

ABOUT THE CONFERENCE

The main objective of the conference is to bring together leading scientists of the country, faculty members, research scholars and PG students to interact and share their experiences with a view to motivate young scientists to pursue academic career. The scope of the conference has been kept broad based with the intention that young research scholars and PG students can get exposed to the contemporary topics of research. Besides, industry persons will also be invited to discuss current scenario in the industries and how our students can enhance their skill for gainful employment after completion of their studies.

Different sessions of the conference will be dedicated to the various newer upcoming trends and preferences in Material Science and Nanotechnology.

THRUST AREAS

Overall the focus of the conference would be on the following themes:

- Nano Composites/Nanomaterials
- Nano Coatings
- Surface, Interface and Thin Films
- Nano Electronics
- Semi Conductor Devices
- Industrial Applications of Nanotechnology
- Glasses and Ceramics
- Superconductivity, Magnetism and Spintronics
- Fuel Cells/Energy Materials
- Computational Material Science
- Structural, Dynamical and Mechanical Properties of Nanomaterials
- Thin Film Devices
- Photonics
- Nano Biotechnology
- Storage Devices
- Polymer Matrix Composites
- Semi Conductor and Dielectric Materials
- Computational Methods and Applied Physics
- Smart Materials
- Plasmonics
- Other related areas

REGISTRATION FEE

Category of Participant	Registration up to 22nd Dec. 2018	Registration after 22nd Dec.2018/Spot Reg.
UG/PG Students	₹800/-	₹1000/-
Research Scholars	₹1000/-	₹1200/-
Faculty members	₹1500/-	₹1800/-
Industry Persons / Corporate Persons	₹5000/-	₹5000/-
Accompanying Guest*	₹800/-	₹800/-

*Accompanying Guest will be provided only with food coupons

Registration fee can be paid online or by DD in favour of The IIS University, Jaipur.

The details for Online Payment

- A/c Holder The IIS University
- Branch HDFC Bank, SFS, ICG Campus, Mansarovar, Jaipur
- A/c No. 09871450000152
- IFSC HDFC0000987

Note: An email must be mandatorily sent at the email id msn2019@iisuniv.ac.in giving the details of the online payment made.

Registration fee includes Delegate Kit, Lunch and High Tea.

SUBMISSION OF ABSTRACTS

The abstract should be of up to 250 words including:

- Title MS word in Arial (Size 16 points) in single spacing
- Authors MS word in Arial (Size 14 points)
- Affiliation MS word in Arial (Size 12 points)
- Abstract MS word in Arial (Size 12 points) in single spacing

Abstracts should briefly include the purpose of study, methods, results and conclusions. At the bottom of the page, please indicate the category (thrust area) and also whether an oral or poster presentation is preferred. (Only a few selected papers will be given the opportunity for oral presentation due to time constraint). The name of the presenting author should be underlined.

Abstract should be submitted through e-mail at msn2019@iisuniv.ac.in. One hard copy of the abstract must accompany the registration form along with the registration fee. The abstracts of only registered candidates will be considered for oral/poster presentation.

All the submitted abstracts will be scrutinized by a reviewing committee and notice of the acceptance will be sent by e-mail.

For conference proceedings, kindly submit your full paper before 25th Jan. 2019 at msn2019@iisuniv.ac.in

IMPORTANT

- Last date for Submission of Abstract 15/12/2018
- Communication of Acceptance of Abstract 18/12/2018
- Last date of Submission of Registration Fee 22/12/2018
- Last date of Submission of Full Paper 25/01/2019

TRAVEL & ACCOMMODATION

- No travel reimbursement will be made by the organizers.
- Accommodation can be booked on request. The payment for the same will be borne by the participants

ORAL PRESENTATION

- For oral presentation, time of ten minutes will be given to each speaker.
- Presentation to be prepared in MS Power Point and to be brought on a CD or USB memory stick.
- Standard Audio Visual equipment will be provided for presentation.

POSTER PRESENTATION

- Space will be provided for poster (1 × 1 metre²) display.
- Pins and stand will be provided by the organizers
- Poster should be legible enough to be viewed from a distance of 4 feet.

AWARDS

- Two Best Oral Presentations in the student category only.
- Two Best Poster Presentations in the student category only.

VENUE

Vinayak (AV) Hall, IISU Campus, Mansarovar, Jaipur 302020

CONFERENCE PATRON **Dr. Ashok Gupta**
Vice-Chancellor
IIS (deemed to be University), Jaipur

ORGANIZING COMMITTEE **Conference Director**
Prof. K. S. Sharma
Advisor
IIS (deemed to be University), Jaipur

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Ms. Kanika Maheshwari, Ms. Neeraj Kulhari

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- Prof. Pradeep Bhatnagar, IIS (deemed-to-be-University), Jaipur
- Prof. Y.K. Vijay, Vivekanand Global University, Jaipur
- Dr. Kanupriya Sachdeva, MNIT, Jaipur
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Power Semiconductor Device
Transistor