

National Conference
On
Advance Materials and Environmental Sciences
(NCAMES-2019)
October 14-15, 2019



Department of Physics,
Kalinga University, Atal Nagar, Raipur, Chhattisgarh 492101

Conveners

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Mr. Alope Verma

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The University

Kalinga University, Raipur has emerged as a center of excellence of higher education in Central India. Strategically located in the Smart City of New Raipur, this University has started carving a niche for itself in the education domain and is rising as a shining star on the horizon of quality education. A center for Doctoral research program in various fields. Currently, the University is serving the student community through 13 schools offering UG and PG programs namely Engineering, Law, Pharmacy, Arts & Humanities, Science, Commerce & Management, Biotechnology, Information Technology, Library Science, Fashion Design, Interior Design, and Journalism & Mass Communication. Senior professors having excellent academic credentials and experience of teaching, publications.

The Department of Physics

The department offers wide-ranging courses, such as UG program in Physics, two years M. Sc. in Physics, M. Phil. /Ph. D. (Physics). New specializations of Condensed Matter Physics and Astrophysics are proposed in coming sessions at Masters Level along with the presently offered Material Science.

Department is proud to share the information about the lab facilities offered to both UG/PG students. Department has its own library which provides rich resources for both students and researchers.

Department is striving very hard to improve the quality of Physics education to stand as one of the leading science education centers in the country. We express our deep desire to work with the new students to make their lives brighter.

Raipur- The Capital City

The city of Raipur is the capital of Chhattisgarh. It represents the administrative, education, business and industrial seat of the State of Chhattisgarh. In its immediate neighborhood lies the Steel city of India-Bhilai, where one of Asia's largest Steel Plants is located. In the South of Raipur, the Tribal heart of India-the Bastar, where the tribal culture and art exist in the form of primitive society along with the natural habitat in dense and thick woods. Raipur has located about 285 km from Nagpur in the East on the Mumbai-Kolkata trunk line. It is well connected with major cities of India by Air, Rail, and Road. In October, the climate of Raipur is usually pleasant. Normal winter clothing and another outfit will suffice.

Themes of NCAMES-2019

Materials and environmental science are an acclaimed scientific discipline, growing recent decade to around optoelectronic material, magnetic materials, ceramics, glass, composite substances and

nanomaterials. Materials science a nanotechnology entails the discovery and format of new materials. Many of the most urgent scientific troubles humans currently face are due to the boundaries of the materials that are available, and as a result, major breakthroughs in materials science are likely to have an effect on the future of technological expertise significantly. Materials scientists lay stress on how to change its structure and hence its properties, and performance. All recent products from Satellite to domestic instruments, alternative energy sources related to ecologically-friendly manufacturing processes, clinical devices to synthetic tissues, PC chips to records storage units and much greater are made from materials. In fact, all new and altered materials are often at the coronary heart of product innovation in enormously diverse applications. Environmental Sciences provides an integrated, quantitative and interdisciplinary strategy to learn about the environmental systems and find solutions to resolve the problems associated with it for sustainability. To discover the issues, innovations and built-in approaches in the direction of environmental sustainability in Chhattisgarh. The conference on material and Environmental Science will also be acknowledged in the fields of Recycling, Green Energy, Pollution control, Climate change, Global Warming , etc. NCAMES-2019 Conference provides a unique platform of eminent Professionals, Scientists, Researchers, Academicians, and Entrepreneurs across the globe to participate and share their research advancements and new technologies. The scientific sessions will comprise Keynotes, plenary talks, invited talks, technical talks and the presentation of research papers (both oral and poster).

Topics of NCAMES-2019

- Advance Materials
- Luminescence Material and its Application
- Nano-material and Nanosciences
- Dielectric Materials and their Application
- Magnetic Materials and their Application
- Optoelectronic and Solar Materials
- Superconducting and Thin Films
- Theory and Mathematical Modeling
- Lasers and amplifiers, LED and OLED
- Environmental Sciences – Air Pollution and Control, Waste Water Management, Soil, Climate changes
- Spectroscopy and Technique
- Physical, Chemical and Biological sensing, using optical methods
- Bio-Physics

Call for abstracts

The authors are required to submit an abstract original, unpublished paper not exceeding 500 words without figures and tables. The abstract should include:

- Title MS Word in Times New Roman (**Size 16 Points**) in single spacing.
- Authors name MS Word in Times New Roman (**Size 14 Points**).
- Affiliation MS Word in Times New Roman (**Size 12 Points**).
- Abstract MS Word in Times New Roman (**Size 12 Points**) in single spacing.

Abstract should briefly include the purpose of study, methods, results, and conclusions. At the bottom of the page, please indicate the category (thrust area). Submission of abstract can be made online through the official website '-----' or by e-mail to Dr. R. P. Patel, Convener: r.p.patel@kalingauniversity.ac.in

Poster Presentation

- On evaluation, the Abstracts may be selected either for Oral or for a Poster presentation.
- The Organizers will confer Best Oral and Best Poster Awards based on the quality of presentations as would be adjudicated by the Panel of Experts.

Poster size should be 1 m x 1 m

Registration Fee Payment

Registration fee should be paid either in cash or in Electronic transfer to

A/C Holder Name : Kalinga University

By Bank Transfer : 390701000010

IFSC Code : ICIC0003907

Registration fee

Faculty/Scientist : Rs. 2000

Delegate of Industry : Rs. 3000

Research Scholar/Students* : Rs. 1000

Accompanying person** : Rs. 1200

*Limited funds are available for accommodation and travel support; however, the free accommodation may be given to student participants in the university hostel.

**Accompanying person's registration fee will cover working lunch, dinner, tea & snacks

Important Dates

Registration Start	: July 01, 2019
Submission of Abstract	: August 20, 2019
Last date of Registration	: Sept. 15, 2019
Confirmation of Abstract	: Sept. 15, 2019
Full Length Paper	: Sept. 20, 2019

For accommodation contact:

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National Conference

On

Advanced Materials and Environmental Sciences

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REGISTRATION FORM

(Please Complete in Block Capitals)

Name (Prof / Dr / Mr /Ms):.....

Job Title:

Organisation with address:.....

.....

Date of Birth:

Gender: Male / Female

Mobile:

E-mail:

Title of the paper:

.....

Preferred method of presentation: [☐] Oral [☐] Poster

Accommodation Required: Yes / No

Date:.....

Signature with date:.....

Please complete and send to: r.p.patel@kalingauniversity.ac.in

NOTE: Registration fee should be paid in Kalinga University Bank Account.

Transport

Railways

Raipur Junction railway station is situated on the Howrah-Nagpur-Mumbai line of the Indian Railways (via Bhusawal, Nagpur, Gondia, Bilaspur, Rourkela, Kharagpur) and is connected with most major cities.

Airport

Swami Vivekananda Airport or Mana the airport is primary airport serving the state of Chhattisgarh. The airport is located, 15 km (9.3 mi) south of Raipur near Atal Nagar.