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Professor

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ADDRESS FOR COMMUNICATION

Convenor, NCAAPMS-2016,

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HINDUSTAN UNIVERSITY

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

NATIONAL CONFERENCE
ON
ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE

29th-30th JANUARY, 2016

Venue

**Dr. K. C. G. Verghese Research and Resource Centre
(Founder's Block)**

Organized by
Department of Physics

In association with
Materials Research Society of India
&
IEEE Nanotechnology Council



ISSN 2320-8163

ABOUT THE UNIVERSITY

Hindustan Institute of Technology and Science is one of the leading Universities in India with an excellent academic and research standing. Hindustan University is known for its qualified and experienced faculty and excellent infrastructure for curricular and extra-curricular activities. The student community is cosmopolitan comprising students from all over India and abroad. The institution has collaborative partnerships with leading Universities in the USA, UK, South Korea, Sweden etc., along with students and faculty exchange programs with leading International Universities. The University has won numerous accolades and awards over the years.

ABOUT THE DEPARTMENT

The Department of Physics established in 1985 serves with the dynamic mission to achieve excellence in both academic and research perspectives. It is equipped with good lab facilities and dedicated faculty members. The department offers M.Sc. (Materials Science), M.Phil and Ph.D., programs. It also supports B.Tech Engineering courses. The staff members constantly engage in research activities in various interdisciplinary fields of science & technology. The current areas of research of the department are Spectroscopy, Materials Science, Crystal Growth, Thin Films, Ultrasonics and Nanomaterials.

LOCATION

Hindustan Institute of Technology and Science is located at Padur about 22 km, south of Chennai on Rajiv Gandhi Salai (Old Mahabalipuram Road) amidst a lush green stretch of landsite. The university is well connected to the city by public transport service. Apart from this, the University operates its own fleet of transport for the convenience of students and staff members.

FOCUS OF THE CONFERENCE

NCAAPMS - 2016 aims to achieve a high level national interaction between scientist, research scholars, academicians and industry professionals. The conference shall serve as a platform to share, update and disseminate their knowledge in the fields of Applied Physics and Materials Science. The interdisciplinary nature of Materials Science and Applied Physics has contributed to tremendous advances in all associated disciplines and has led to many innovative developments in diverse fields like medicine, aerospace, photonics, energy storage, sensors etc. The conference will provide a unique opportunity to update one's knowledge in a wide spectrum of related disciplines.

RESOURCE PERSONS

Dr. Tata Narasinga Rao, International Advanced Research Centre for Powder Metallurgy & New Materials, Hyderabad.

Dr. K. G. Warriar, National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram.

Dr. P. Saravanan, Defense Metallurgical Research Laboratory, Hyderabad.

Dr. John Philip, Indira Gandhi Centre for Atomic Research, Kalpakkam.

Dr. R. Jayavel, Anna University, Chennai.

Dr. Rita John, Madras University, Chennai.

AREAS OF FOCUS

- Semiconductor Physics and Devices
- Magnetic Materials
- Ferroics and Multiferroics
- Laser Physics and Applications
- Photonics
- Condensed Matter Physics
- Crystallography
- Nanoscience and Nanotechnology
- Multifunctional Nanomaterials
- Materials Science and Engineering
- Biomaterials
- Shape Memory Alloys

CALL FOR PAPERS

Apart from the plenary lecture series, this conference invites oral and poster presentation to showcase one's research findings in the broad areas of Applied Physics and Materials Science. The authors have to submit one page abstract as a MS word file. The abstract should be prepared in the following format :Text Type: Times New Roman, Font Size: 14 (Bold) - Title, 11- Author name, Affiliation, & mail ID, 12 -body, Reference number should be cited inside the parenthesis, for eg. [1]. Abstracts should be mailed to ncaapms16@gmail.com on or before 21.01.16. The accepted abstracts will be published in the conference proceedings.

SPECIAL JOURNAL ISSUE

The authors are requested to submit full length original research papers not exceeding 10 pages upon receiving the acceptance notification for the submitted abstract on or before 23.01.16. The selected papers will be published in the **International Journal of Technical Research and Applications** as conference special issue with no extra cost. Submitted papers must not be under consideration by any other Journal or publication. The selection process will be based on the potential reviewer's recommendation. The authors are strictly advised to prepare their manuscript according to the IEEE format.

REGISTRATION FEE

Research Scholars/Students	-	Rs.1000
Faculty	-	Rs.1500
Industry	-	Rs.2000

The registration fee can be paid in the form of Demand Draft drawn in favor of "**Hindustan Institute of Technology and Science**" payable at **Chennai**.

IMPORTANT DATES

Last date for Submission of Abstract	: 21.01.2016
Last date for Submission of Full-Paper	: 23.01.2016
Last date for Registration	: 25.01.2016

ACCOMODATAION

Accommodation will be provided on request in nearby hotels at a nominal cost.