

ABOUT THE SCIENCE ACADEMIES



Indian Academy of Sciences

The Indian Academy of Sciences (IASc), Bangalore was founded in 1934 by C.V.Raman, a noble Laureate. Its objectives include promoting the progress of Science in pure and applied branches. Major activities include organizing meeting for discussions on important topics, publication of scientific journals, recognizing scientific talent, improvement of science education and taking up other issues of concern to the scientific community.



Indian National Science Academy

The Indian National Science Academy (INSA), New Delhi founded in 1935, is a premier science academy in the country. INSA plays crucial role in promoting, recognizing and rewarding excellence. It works towards coordination among scientific bodies, promoting and safeguarding the interest of scientist besides publishing journals and proceedings and managing funds for promotion of science.



The National Academy of Sciences

The National Academy of Sciences (NASI), Allahabad was founded in 1930. The main objective of the academy is to provide the National Forum for the publication of research work carried out by Indian Scientist. The academy promotes Scientific and technological research, organize meetings and hold discussions on scientific and technological problems besides managing funds and endowments for the promotion of Science and technologies.

ABOUT THE COLLEGE

Progressive Education Society's

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16 offers 21 undergraduate, 10 post graduate programs in conventional and interdisciplinary courses and research programs in some disciplines. College is permanently affiliated to Savitribai Phule Pune University. College caters to the learning needs of blend of students from 18 different countries and 24 different Indian states. The college is also running UGC funded B.Voc.(Food Processing and Green House Technology) course and skill development courses to enhance students' employability.

State-of-the-art facilities include ICT-enabled classrooms, well equipped laboratories, well stocked library, computerized administrative office. Qualified, experienced and enthusiastic teaching staff with innovative ideas creates platform for various academic activities making the college campus vibrant and conducive to the overall development of the students.

Moments of Pride for the college

- ✦ Re-accredited with 'A' grade by NAAC, Bangalore
- ✦ Star Status by Department of Biotechnology, Govt. of India
- ✦ Best College Award by the parent University. SPPU, Pune
- ✦ DST-FIST Scheme of Department of Science and Technology, Govt. of India
- ✦ Excellence award by MEDA in energy conservation and management.

ABOUT THE DEPARTMENT OF ELECTRONICS

Department of Electronics (Estd. 1996) offers electronics subject at Undergraduate level of B. Sc. and B.Sc.(Computer Science) course.

Career Oriented Course 'Embedded Systems and Applications', training sessions in 'PCB Designing', 'Photovoltaic system design and installation', 'Circuit Assembly Techniques' are the extra-curricular activities organized to accelerate the students' employment process. Department organizes various co-curricular activities to enrich basic knowledge and enhance technical skills of the students.

Department has received grants from various apex bodies. Teaching faculty of the department is involved in research activities, projects and consultancy. Research culture is promoted among the students through various activities. Department of Electronics has initiated E-Waste awareness and collection drive. Department is emerging in the outreach activities to popularize science among the school students.

ABOUT THE WORKSHOP

Increasing population and limited natural resources demand new technologies for sustainable development. Colossal Digitization and Automation of the various fields create need of secured network of things; exchanging large amount of data allowing complex computations using less energy and cause no hazard to the environment. Smart materials can realize such new technologies. Today's students should know the fundamental science and technology behind the smart materials. Purpose behind organizing this workshop is to avail guidance from eminent expertise in the field.

Program Schedule

Day 1: 16th January 2018

Session I : 10 a.m. to 12:30 p.m

An Overview of Smart Materials and their Applications

Dr. Sulabha Kulkarni, F.A.Sc., F.N.A., F.N.A.Sc.
Centre for Materials for Electronics Technology (C-MET), Panchawati, Pashan Road, Maharashtra
Discussion: 12:30 p.m. to 1 p.m.

Session II : 2 p.m. to 4:30 p.m.

Smart Nanomaterials for Solar Energy Conversion

Dr. Gopinath C. Subramanian
Sr. Principal Scientist, National Chemical Laboratory, Pune
Discussion: 4:30 p.m. to 5 p.m.

Day 2: 17th January 2018

Session I : 10 a.m. to 12:30 p.m

Smart Materials for Smart Cities

Dr. B. B. Kale
Director, Centre for Materials for Electronics Technology (C-MET), Panchawati, Pashan Road, Pune
Discussion: 12:30 p.m. to 1 p.m.

Session II : 2 p.m. to 4:30 p.m.

Smart Materials and Future Information Technology

Prof. Dilip G. Kanhere, F.A.Sc.
Department of Physics, Savitribai Phule Pune University, Pune
Discussion: 4:30 p.m. to 5 p.m.

Registration Details:

- ✦ **Who can apply:** All UG,PG students, research scholars and teaching faculty members with specialization in Physics, Electronics, Biotechnology. Engineering students with Metallurgy and Electronics.
- ✦ **No Registration Fees**
- ✦ Only the registered participants would be entitled to registration kit, lunch and refreshments during the workshop.
- ✦ **Last date of online registration :14th January 2018**

Correspondence Details

Mrs. Vaishali Salunke (Coordinator)

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Department of Electronics, Modern College,
Ganeshkhind, Pune-16

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KINDLY VISIT THE COLLEGE WEBSITE

: www.moderncollegegk.org to download the registration form. Soft copy of duly filled registration form should be mailed to above email addresses.

Or

For online registration kindly visit the link:
https://docs.google.com/forms/d/e/1FAIpQLSe2NKzfQZRp_XyUKDjJy2XabMO28_iD6L_L7w6Wsx3DxZwJOW/formResponse

Principal

Dr. Sanjay S. Kharat

Convener

Dr. Sulabha Kulkarni, F.A.Sc., F.N.A., F.N.A.Sc.

Centre for Materials for Electronics
Technology(C-MET),Panchawati, Pashan, Pune

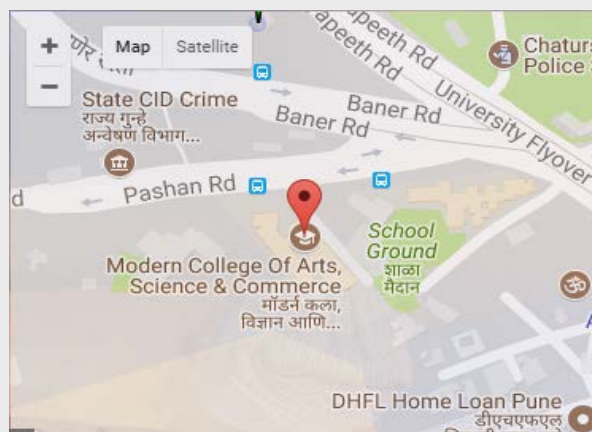
Coordinator

Mrs. Vaishali Salunke

Asst. Professor, Department of Electronics,
Modern College, Ganeshkhind, Pune-16

Venue : Guruwarya Shankarrao Kanitkar Hall
Modern College of Arts, Science &
Commerce, Ganeshkhind, Pune-411016

Location Map



College Contact No: 0202-25634021/25631091

Website: www.moderncollegegk.org



Department of Electronics

Progressive Education Society's
Modern College of Arts, Science & Commerce,
Ganeshkhind, Pune-411016, Maharashtra,India.
NAAC Re-accredited with 'A' Grade
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organizes

Science Academies' Lecture Workshop

on

Smart Materials and Future Technologies for Sustainable Development

16th and 17th January 2018

Sponsored by



Indian Academy
of Sciences



Indian National
Science Academy



The National Academy
of Sciences