Publications
Peer reviewed paper in the given format will be published in the proceeding of this conference with ISBN. Best Posters will be awarded.

Registration Fees
Registration fees should be paid in the form of Demand Draft (DD) of any Nationalized Bank drawn in the favour of ‘The Principal, Fergusson College’ and Payable at Pune.

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>PG / UG Student</td>
<td>₹ 500</td>
</tr>
<tr>
<td>Research Scholar</td>
<td>₹ 800</td>
</tr>
<tr>
<td>Academician/Scientist</td>
<td>₹ 1500</td>
</tr>
<tr>
<td>Industry Personnel</td>
<td>₹ 2000</td>
</tr>
</tbody>
</table>

Accommodation:
Accommodation can be arranged on request from participant on sharing basis. The delegates are required to intimate about the accommodation before 15th February 2016.

Invited Speakers
Prof. Satishchandra Ogale NCL, Pune
Prof. A. K. Tyagi BARC, Mumbai
Dr. B. B. Kale C-MET, Pune
Dr. Absar Ahmad NCL, Pune
Dr. Prakash Wadgaonkar NCL, Pune
Prof. S. V. Moharil RTMNU, Nagpur
Prof. Shivprasad Patil IISER, Pune
Dr. Sudhir Husale NPL, Delhi
Dr. Rahul Banerjee DIAT, Pune
Dr. G. V. Pavan Kumar IISER, Pune
Dr. D. M. Phadke Scientist ‘G’, UGC-DAE CSR, Indore

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- Prof. D. C. Kothari Professor, University of Mumbai
- Prof. S. I. Patil Professor, Department of Physics, SPPU, Pune

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Deccan Education Society’s Fergusson College, Pune
Department of Physics

NATIONAL CONFERENCE
Advanced Materials and Applications (NCAMA- 2016)
4th & 5th March, 2016
Estd. 1884
Organized by
About The Fergusson College:
Deccan Education Society (DES), Pune is one of the oldest and renowned societies in India, with over 130 years of dedicated service to the nation in the field of education. DES was founded in 1884 by eminent national personalities like Lokmanya Tilak and Shri. Gopal Ganesh Agarkar. Our alumni include academicians industrialists, defense personnel, politicians, litterateurs, legal luminaries, administrators, artists and sports persons of highest caliber, who have rendered valuable services to the nation.

Fergusson College- the flagship of DES, was established on 2nd January 1885 and has been imparting quality education since its inception. Fergusson College is granted with Heritage status by UGC. The college has been Re-Accredited by National Assessment and Accreditation Council (NAAC), Bangalore and awarded ‘A’ Grade with CGPA of 3.62. Recently, Department of Science and Technology has identified our college for support under FIST programme and Department of Biotechnology, Government of India has awarded “STAR College Scheme”. Apart from this, College has varied undertaken research projects funded by DAE- BRNS, UGC, DST, ISRO and BCUD, Savitribai Phule Pune University. Our college has consistently figured among top ten colleges across the country.

About The Physics Department:
Physics department is one of the largest and oldest departments in Fergusson College. In 1969, a separate Post Graduate section was introduced in the College with dedicated advanced laboratories and classrooms of capacity more than 100 students, it offers courses at the undergraduate and postgraduate levels.

We offer Materials science, Physics of nano Materials, Electronic Instrumentation, Atmospheric Physics, Astronomy and Astrophysics, Physics of Semiconductor devices, Vacuum Technology and Thin films, Renewable Energy Sources, Lasers and Applications and Physics of Nanomaterials as elective courses at the PG level. Physics department is also recognized as a research center in Physics by the Savitribai Phule Pune University. Some teachers are recognized guides for the M. Phil. and Ph.D degrees.

About The Conference:
The objective of the conference is to bring together academicians, researchers, professionals, executives and scientists from various educational institutes, industries, research laboratories and to share and exchange ideas and information on the theme of the conference. This conference will provide a forum on latest update of functional materials for various demanding applications ranging from energy generation and storage, sensing to radiation dosimetry. New developments in characterizing these materials will also be presented. The research workers in this field will get the opportunity to present their research in presence of the experts in the form of posters.

Themes of the conference
- Materials for energy harvesting and storage
- Smart functional materials, Biomaterials, Nano-composites
- New horizons in synthesis and characterization techniques
- Thin and thick film devices
- Materials for sensing & Radiation Dosimetry

Participants
Scientists, Teachers, Research Scholars, Industry Personnel, PG & UG Students.

Major Conference Activities
- Keynote Address and Invited Talks
- Poster presentations

Conference Venue
N.M.Wadia Amphi Theater, Fergusson College, Pune

Call for papers
Abstracts and the manuscripts of the original and unpublished research work on broad areas of conference and related topics are invited from Scientists, Teachers, Research Scholars, Industry Personnel, UG and PG Students.

Deadlines
Last date for submission of abstract: 20th February 2016
Confirmation of acceptance of abstract: 25th February 2016
Last date of submission of full paper: 28th February 2016

Submission of abstract/Paper
Abstract, Full paper & registration form should be submitted in MS-Word Document file. Abstract should be typed in MS-Word, on A-4 sheet with 1.5 line spacing, font size 12 points and font type- Times New Roman. Maximum word limit: 250 words. The format for paper can be downloaded from www.fergusson.edu

Poster Presentation: Poster size should be of 1X1 meter. All the submissions should be sent to ncama.2015@fergusson.edu