

## Birla College of Arts, Science and Commerce, Kalyan

*One-Day National Conference on  
'Advanced Analytical Tools  
for Materials Characterization (AATMC-2018)*

*28<sup>th</sup> February, 2018*

### REGISTRATION FORM

- 1.Name: Prof/Dr./Mr./Ms. ....
- 2.Organization: .....
- 3.Department: .....
- 4.Designation: .....
- 5.Address: .....
- 6.Telephone No. : .....
- 7.E-mail: .....
- 8.Draft particulars: .....  
Amount: .....  
Issuing Bank: .....  
Draft No. & Date: .....
- 9.Accommodation required: Yes/No  
Guest House/ Hotel .....
- 1.Sex: M/F .....
- 2.No. of accompanying person(s): .....
- 3.Signature: .....

### Advisory Committee

- Prof. D.B. Shinde : Vice Chancellor, Shivaji University  
Kolhapur and Acting Vice  
Chancellor, University of Mumbai  
Prof. G.D. Yadav : Vice Chancellor, ICT, Mumbai  
Prof. V.G. Gaikar : Vice Chancellor, BATU, Lonere  
Prof. A.K. Tyagi : Scientist, BARC, Mumbai  
Prof.Sundar Manoharan : Former Vice Chancellor,  
Karunya Institute of Technology and  
Sciences,Coimbatore, Tamilnadu  
Prof. D.C. Kothari : Ex. I/C Director CNSNT, University  
of Mumbai  
Prof. Jayesh Bellare : IIT, Mumbai  
Prof. P.S. Kalsi : Former Dean at PTU, Jalandhar  
Prof. R.B. Mathur : National Physical Laboratory, Delhi

### Organizing Committee

- Chairman : Dr. Naresh Chandra, Principal  
Convener : Mr. Kamod Dongare  
Organizing Secretary : Dr. Sandesh Jaybhaye  
Treasurer : Mr. Balasaheb Pathare

### Members

- Dr. Jossy Verghese : Dr. Geetha Unnikrishanan  
Dr. Avinash Patil : Dr.Madhavi Thakurdesai  
Dr. Manindar Dhaliwal : Dr. Mahendra Khandpekar  
Dr. Vilas Khairnar : Dr. Seema Manchanda  
Dr. Archana Singh : Dr. Pranjali Maskar  
Mr. Nagesh Pawar : Dr. Khemraj Barhate  
Dr. Vijay Jadhav : Mr. Sachin Golhe  
Dr. Harish Dubey : Dr. Datta Kshirsagar  
Ms. Snehal Pednekar : Mrs. Amrita Singh  
Mr. Brijesh Gaud : Mr. Sandip Wakchaure

### Contact Details

- Mr. Kamod Dongare : Dr. Sandesh Jaybhaye  
9820439120 : 9869566808  
Dr. Vilas Khairnar : Mr. Nagesh Pawar  
9892516106 : 9096160386

**Email: [chemaatmc2018@gmail.com](mailto:chemaatmc2018@gmail.com)**

## Birla College of Arts, Science and Commerce, Kalyan

Conducted by Kalyan Citizens' Education Society  
Affiliated to University of Mumbai

'College of Excellence' Status by UGC (2015-2020)  
Reaccredited by NAAC with 'A' Grade (CGPA – 3.58) -2014  
'Performance Excellence Trophy – 2011 in Education by IMC RBNQA Trust  
'Best College Award' by University of Mumbai (2009)  
ISO 9001:2008 Certified

DBT - 'Star Status'  
( Depts. of Botany, Chemistry, Physics, Microbiology and Zoology )



### National Conference on

**'Advanced Analytical Tools for Materials Characterization'  
(AATMC-2018)**

**(Supported by the DBT Star Status)**

**28<sup>th</sup> February, 2018**

**Time: 9.00 am - 5.00 pm  
New Seminar Hall, BITMS Building**

**Organized by  
Department of Chemistry, Birla College, Kalyan**





### About Birla College:

Birla College of Arts, Science and Commerce, Kalyan, established in 1972 and affiliated to University of Mumbai is a multi-faculty institution of higher education with an enrollment of more than 8,500 students. The college offers several UG, PG & Research programmes. The college has been re-accredited in the third cycle of NAAC and awarded 'A-Grade, with CGPA-3.58 in 2014. UGC has conferred our college as 'College of Excellence' (CE) 2015-20.

The College has been awarded the 'Best College Award' in the urban category, by the University of Mumbai for the Year 2008-2009. College has received IMC RBNQ Performance Excellence Trophy-2011 in Education. College is also ISO 9001:2008 certified.

The college has been awarded Star Status by DBT in 2017.

### About Department of Chemistry :

Department of Chemistry, Birla College is recognized as Highly Rated Department by UGC and awarded Star Status by DBT. Department conducts UG, PG programs, PHD, Career Oriented Add-on Course in Industrial Chemistry (Certificate and Diploma). It is actively involved in research activities and has well established Nanotechnology Research Lab with required equipments and facilities. Department has signed MoU with University of Genoa, Italy for Ph.D. and Post Doctoral research. Department provides consultancy to nearby Industries. It has successfully organized Research Scholars Meet - 2004, Workshop on Characterization and Analysis Techniques-2005, National Conference of ICC-2006, Science Exhibition as a part of celebration of IYC-2011, National conferences RTNS-2011, RAAT-2012 and RTBN-2017.

Department has also organized one day Symposium BFP-2016, Science Exhibitions-GST- 2014, STD- Jan. 2016, IIST Dec. 2016 and GE 2017.

### About PG Diploma in Bionanotechnology:

PG Diploma in Bio-nanotechnology is sanctioned by UGC under the innovative programme. The course is

coordinated by Department of Chemistry (Nanotechnology) and Botany (Biotechnology). It is one year full time course.

The important features of this course are unique and innovative. Well equipped Nanotechnology laboratory and eminent scientists from IIT, BARC, TIFR, ICT, Center of Nanoscience and Nanotechnology and faculties from University of Mumbai are visiting faculties for this course.

### Themes of the Conference :

1. Analytical tools and techniques for material analysis
2. Synthesis, characterization and applications of novel materials
3. Chromatography and separation techniques
4. Different Spectroscopic techniques
5. Hyphenated techniques
6. Nanomaterials and Bio-nanomaterials
7. Material science and allied areas
8. Microscopic technique

### Aims and Objectives :

The right analytical tool must be used for the cost-efficient problem solving and characterization of novel materials, (i.e., one that has the correct measurement capabilities and characteristics).

The aim of this conference is to provide timely forum for the exchange & dissemination of new ideas & techniques among the researchers in the field of manufacture and analysis of novel materials. There is need to upgrade the knowledge & analytical skills for characterization of these novel materials to meet the future challenges.

This Conference will make an attempt to promote research in various fields of Chemistry, Physics, and Biological Sciences. The researchers need a platform to express their research ideas and interaction with subject experts.

This conference provides opportunities for the delegates to exchange new ideas face-to-face, to establish business or research relations as well as to find partners for future collaborations. We hope that the conference results will lead to significant contributions to the knowledge in these up-to-date scientific fields. The focus of the conference is to establish an effective platform for institutions and

industries to share ideas and to present the works of scientists, engineers, educators and students from all over the India.

### Call for Papers :

The organizers encourage the submission of scientific abstract for Oral / Poster presentation. Abstracts (not more than 300 words) must include Manuscript title, Author (s) Affiliation (s)/ contact details with a clear indication of research work, methodology, major results and conclusion in the following format:- Font size- 12 points; Type- Times New Roman; Spacing- 1.5.

We strongly encourage submission of abstract by e-mail to [chemaatmc2018@gmail.com](mailto:chemaatmc2018@gmail.com) before 25<sup>th</sup> Feb, 2018.

### Publication of Conference Paper :

We have requested the Publishers to publish our conference peer reviewed papers in their journals. We are expecting the positive response from the publisher. All the papers for the journals will be peer reviewed by national experts before publication. Full papers should be submitted as per instructions on or before 25<sup>th</sup> February, 2018. Template of paper writing will be email to delegates.

### Important Dates

Submission of Abstract : 25<sup>th</sup> February, 2018  
Notification of Oral / Poster: 26<sup>th</sup> February, 2018  
Last Date Registration : 26<sup>th</sup> February, 2018  
Date of Conference : Wed, 28<sup>th</sup> February, 2018

### Registration Details

Academic / Research Institutes Rs. 700/- and Students- Rs. 500/-

(Publication Charges Rs.500/-Extra)

\*Registration fees should be paid in cash/DD in favor of Principal, Birla College of Arts, Science and Commerce, Kalyan. Limited Spot registrations may be allowed with prior confirmation. Accompanying persons will be charged separately.

### Accommodation

Accommodation may be arranged on request in the guest house or nearby hotels on payment basis.

Accommodation charges are to be borne by the delegates.



# **BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE KALYAN**

Conducted by Kalyan Citizens' Education Society  
Affiliated to University of Mumbai

*'College of Excellence' Status by UGC (2015-2020)*  
*Reaccredited by NAAC with 'A' Grade (CGPA - 3.58) -2014*  
*'Performance Excellence Trophy - 2011 in Education by IMC RBNQA Trust*  
*'Best College Award' by University of Mumbai (2009)*  
*ISO 9001:2008 Certified*

*DBT - 'Star Status'*  
*(Depts. of Botany, Chemistry, Physics, Microbiology and Zoology)*



***National Conference***  
***on***  
***'Advanced Analytical Tools for Materials Characterization'***  
***(AATMC-2018)***

***(Supported by the DBT Star Status)***

***28<sup>th</sup> February, 2018***

To, \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

***Organized by***  
***Department of Chemistry, Birla College, Kalyan***

***Time: 9.00 am - 5.00 pm***  
***New Seminar Hall, BITMS Building***

**Birla College Road, Kalyan – 421 304 (M.S.)**  
**Ph: 0251 – 2230740, 2231293, 2231294, 2230476 | Fax: 2231029**

**Email: [chemaatmc2018@gmail.com](mailto:chemaatmc2018@gmail.com)**  
**Website: [www.birlacollegekalyan.com](http://www.birlacollegekalyan.com)**