

Vacuum as a working environment has become indispensable in modern research as well as in industry. It finds wide applications in microelectronics, particle accelerators, instrumentation, material processing, space exploration, pharmaceuticals and many other industries.

Over the years, Indian Vacuum Society has been organizing courses, seminars, conferences, and workshops for the benefit of scientist, engineers and technicians engaged in diverse fields of research and development. Techniques of production, measurement and maintenance of vacuum to different degrees and special materials needed for this purpose have been greatly improved in recent times. As a consequence adequate knowledge of vacuum has become essential for carrying out advance research and development in several fields of science and engineering.

Organizing Committee of Indian Vacuum Society is pleased to announce a course on '**Vacuum Science, Technology and Applications**' with special emphasis on **Vacuum in Analytical Instruments** for the users in academic/ research institutions and industries across the country.

The course will focus on the following topics:

Theme : Vacuum in Analytical Instruments

- Fundamentals of Vacuum Science
- Production/ Measurement of Vacuum
- Leak Detection
- Components and Fabrication techniques
- Materials in Vacuum Technology
- Applications of Vacuum

REGISTRATION FEES:

Rs. 4000/- : For IVS Members and up to two nominees from sustaining members

Rs. 2000/- : For Students

Rs. 5000/-: For non-IVS members and Industry

(**Note** : The registration fee includes course material, B/F, lunch, snacks and Tea/ Coffee during the course)

DURATION: Nov 22 to 25, 2017

The workshop will be of four days duration and will be held at Multi Purpose Hall, Training School Hostel, Anushakti Nagar, Mumbai – 400094 Maharashtra, India.

The participant must be a graduate in science or must have exposure to vacuum applications. Participants attending the workshop will be separately informed. A limited number of Students participants will be paid to and fro sleeper class Rail fare and sharing accommodation in departmental guest house during the course period.

Other participants may also request for paid accommodation at course venue well in advance.

Attached Registration Form should be filled up and sent to the Convener latest by **October 20, 2017.**

About the venue : Anushakti Nagar is a picturesque location which is surrounded by hills, about 20 Kms from Mumbai on the Mumbai-Pune highway. It has a pleasant weather during November. Anushakti Nagar is a residential township of Department of Atomic Energy which claims to be the largest scientific community (in a single area) in the world. With only about 11% of the 946 acre area concretised (roads and buildings), it is considered to be one of the "greenest" and better maintained parts of Mumbai city.



**CVSTA-2017
(Nov 22–25, 2017)
Registration Form**

I shall attend the Workshop; my details are as follow:

Name: _____

Designation: _____

Qualification: _____

Address: _____

Tel: _____ Fax: _____

Email: _____

IVS Membership No: _____

Cheque / Draft No: _____

Dated: _____

Drawn on: _____

Accommodation required: (YES / NO)

Signature
(Participant)

Signature
(Head of Institution)

Note:

Cheque and Draft should be in favour of
"CVSTA-2017"

Photocopy of the form can be used for
Registration.

ORGANIZING COMMITTEE

S.C. Gadkari (Chairman)

S.K. Gupta (President, IVS)

Martin Mascarenhas (BARC INDIA)

K. C. Mittal (Member, IVS)

V Nataraju (BARC INDIA)

K. G. Bhushan (BARC INDIA)

T. K. Saha (BARC INDIA)

Kavindra Pathak (Course Director)

For Details & Registration Contact:

Kavindra Pathak

Course Director, CVSTA-2017

2-106-S, Mod. Lab.

Technical Physics Division,

Bhabha Atomic Research Centre,

Trombay, Mumbai 400 085.

Tel : 022-25594475 (O)/022-25563872 (R)

Email : kavindra_pathak@yahoo.co.in

CVSTA-2017

COURSE ON VACUUM SCIENCE, TECHNOLOGY AND APPLICATIONS



Conducted by
Indian Vacuum Society

Sponsored by
Board Of Research In Nuclear
Sciences (BRNS)

Date
Nov 22 to 25, 2017

Venue
Multi Purpose Hall
Training School Hostel,
Anushakti Nagar,
Mumbai – 400094.

To,
K. PATHAK
Course Director, CVSTA-2017
2-106-S, Mod. Lab.,
Technical Physics Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai - 400 085.