

## VISION

To develop into a state of the art facility capable of generating trained human resources for the industry and research institutions in the field of Vacuum Science & Technology (VST) and provide technological support for the economic & social benefits of the nation.

## SCOPE

Vacuum Systems are necessary for a variety of applications in Chemical, Plastics, Pharmaceuticals, Petrochemical, Refineries, Pulp & Paper, Edible Oil, Steel plants, degassing etc. that frequently take place at less than atmospheric pressure. There are various types of vacuum-producing devices but the cost-effectiveness and their selection for better performance are the two important parameters. The subject seminar is especially designed for vacuum practitioners and beneficiary to get familiar with variety of vacuum generation tools and techniques to use their precious vacuum components properly.



## WHO SHOULD ATTEND?

Scientists, Engineers, Researchers, Operational Managers, Technicians etc. confronted with vacuum related problems in the industry as well as research institutions.



## REGISTRATION

**General: Rs. 1500/-**

**Faculty: Rs. 500/-**

**Students: Rs. 300/-**

Payable through bank draft/pay order in favor of **NIN VAST**, Islamabad.

## ACCOMMODATION

Accommodation can be arranged for the interested participants on sharing basis @ **Rs. 500/night** per person.

## REGISTRATION DEADLINE

**February 16, 2012**

## NATIONAL INSTITUTE OF VACUUM SCIENCE & TECHNOLOGY

NCP Complex, Shahdra Valley Road  
Post Box No. 3125, Islamabad

**Seminar on Vacuum Generation (SVST-11)**  
February 21, 2012

**REGISTRATION FORM**  
(Copies are acceptable)

1. Name (Block Letters): \_\_\_\_\_

2. Father's Name: \_\_\_\_\_

3. Date of Birth: \_\_\_\_\_

4. Nationality: \_\_\_\_\_

5. NIC No: \_\_\_\_\_

6. Organization: \_\_\_\_\_

7. Designation: \_\_\_\_\_

8. Address: \_\_\_\_\_

9. Contact Nos: \_\_\_\_\_

10. E-mail: \_\_\_\_\_

11. Qualification: \_\_\_\_\_

12. Recommended By (if applicable): \_\_\_\_\_

13. Registration Category:

**General**  **Faculty**  **Students**

14. Accommodation: Yes  No

15. Pay Order/Bank Draft/Remittance Slip Attached:

Yes  No  Followed

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**FOR OFFICIAL USE**

Registration #: \_\_\_\_\_ Registration Date: \_\_\_\_\_

Pay Order/Bank Draft/Remittance Slip No: \_\_\_\_\_

Branch Name: \_\_\_\_\_

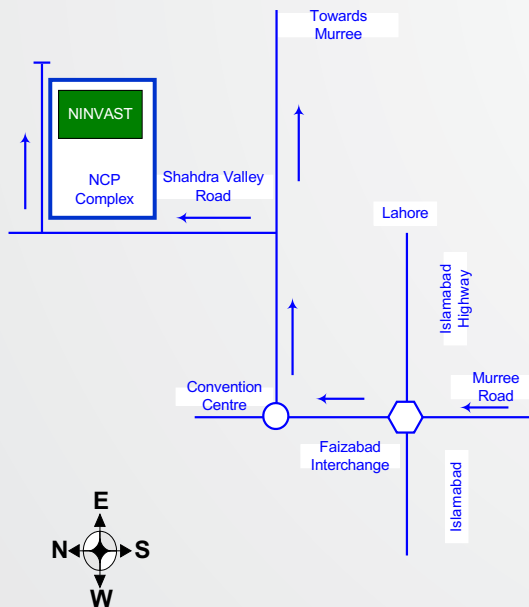
Date: \_\_\_\_\_



## WHERE TO COME?

National Institute of Vacuum Science & Technology (NIN VAST), NCP Complex, Shahdra Valley Road, Islamabad.

## HOW TO COME?



## LET'S FILL THE VACUUM

### CALENDAR OF EVENTS-2012

Sr. #	Month & Dates	Event	Topic	Duration
1	February 21	Seminar (SVST-11)	Vacuum Generation	One Day
2	April 09-13	Workshop (WVST-09)	Vacuum Science & Technology	Five Days
3	June 20	Seminar (SVST-12)	Vacuum Control & Measurement	One Day
4	August 31	Seminar (SVST-13)	System Design & Leak Testing	One Day
5	Oct 24- Nov 19	Certificate Course (CVST-05)	Vacuum Science & Technology	Four Weeks
6	November 26-30	Workshop (WVST-10)	Vacuum Science & Technology	Five Days
7	December 18-20	Workshop (WVST-11)	Vacuum, Plasma Coatings and Industrial Applications	Three Days

### IN CASE OF QUERIES, PLEASE CONTACT

Dr. Muhammad Maqsood (DD/Head Training)  
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 Fax: 051-2896070  
 info@ninvast.edu.pk  
 www.ninvast.edu.pk



# 11<sup>th</sup>

## Seminar

on

## Vacuum Generation

(SVST-11)

*February 21, 2012*

Government of Pakistan

**NATIONAL INSTITUTE OF VACUUM  
 SCIENCE AND TECHNOLOGY  
 ISLAMABAD**