



Advanced Approaches in Proteomics

January 27-29, 2014



BACKGROUND AND OBJECTIVES

B. V. Patel PERD Centre and B. V. Patel Education Trust announces a Three Day **Hands-on Training on 'Advanced Approaches in Proteomics'** as a part of its Continuing Education (CE) programme.

Proteomics is the study and characterization of complete set of proteins present in a cell, organ, or organism at a given time. In general, proteomic approaches can be used for proteome profiling, comparative expression analysis of two or more protein samples, localization and identification of post-translational modifications and study of protein-protein interactions. The workflow of proteomics is a multi-step process comprising sample preparation, separation, quantification and identification of proteins. Due to the high complexity of different protein species and the wide dynamic range of protein amount within a cell system it is necessary to apply appropriate analysis method.

The objective of this training is to help the participants acquaint themselves with the dynamic aspects of Proteomics, which they can apply in their research work. Theory as well as practical exposure to the various approaches will provide a learning platform and familiarize participants with the diverse aspects of the field.

HIGHLIGHTS

Hands-on on

- SDS-PAGE
- 2-D gel electrophoresis
- PD Quest Software for analysis of 2-D and DIGE images
- Demonstration and presentation on MALDI software
- Introduction to Protein databases and Protein microarray

FACULTY

The theory sessions will be conducted by experts from Academia, Industry and Bio-Rad. The practical sessions will be conducted by experts from Bio-Rad.

WHO SHOULD ATTEND

This workshop is designed for students, fresh doctorates, young researches and faculties who wish to pursue their career in the field of proteomics and intend to explore the potential of this wonderful tool in their research endeavour.

PROGRAMME COORDINATOR

Dr. Neeta Shrivastava

WORKSHOP COORDINATORS

Dr. Anshu Srivastava

Dr. Priti Desai

Mr. Sandeep Kumar Thakur

VENUE

B. V. Patel PERD Centre, Thaltej, Ahmedabad.

FEES AND REGISTRATION

Fee structure for Registration :

Students: Rs. 5000/-

Faculty: Rs. 7000/-

- Enrollment is restricted to 15 participants on first come first served basis.
- Fees include tuition, workshop material, lunch and tea/coffee. It does not include dinner and accommodation.
- Cancellations will not be accepted less than 10 days prior to the start of the workshop, but substitutions may be made at any time.
- Participants are advised to make their own travel and stay arrangements.
- At the end of the course **Certificates of course completion will be issued to all participants.**
- Registration forms can be downloaded from our website and send the completed registration form along with the fee by demand draft (in favour of **Shri B. V. Patel Education Trust**, payable at Ahmedabad).
- Registration over telephone/ e-mail will not be accepted without receipt of fees.

For further information contact:

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