



PSG-STEP : BioNEST

The Incubation Centre for Bio-Innovators

3 Day Hands-on Workshop about

Protein Purification & Characterization

October 25th to 27th 2018



Supported by



About the workshop

The workshop presents

- * The tricks and technologies used by protein purification leaders who have refined their techniques that remove headaches from protein processing
- * The industrial experts from **Biocon Limited** and **Bio-Rad Laboratories** will be sharing the expertise on efficient purification and successful troubleshooting.
- * The experts will address 'traditional' approaches as well as 'modern' technologies related to efficient purification.
- * Issues related to scale up in various expression systems as well as purification will also be discussed all with an eye to streamline purification while ensuring quality.

Agenda

The 3 day workshop encompasses talks from eminent speakers specializing in bioprocess development and purification process. The industrial experts will train the participants in the aspects of Matrix activation, Column packing & equilibration and Gel filtration/ion exchange column chromatography.

The workshop will emphasize on

- * Protein Extraction & Clarification Techniques
- * Protein Fractionation
- * Protein Purification
- * Protein Polishing
- * Analytical Assays

The workshop is intended for

- * Bioinnovators
- * Bioscientific Entrepreneurs
- * Professionals
- * Faculty Members
- * Research Scholars / Students working in the relevant area

Registrations :

Program Duration : 3 Days

Program Fee : Rs. 2,000/-

Mode of Payment : DD/Cheque drawn in favour of PSG – STEP, payable at Coimbatore

Last Date : Filled in registration forms along with DD / Cheque should reach PSG-STEP on or before 22.10.2018.

For registrations logon to www.psgstep.org

**Registrations welcomed on first-come, first-serve basis.
Please note number of participants limited to 20.**

Shared accommodation will be provided upon request at nominal cost at PSG Guest House subject to availability.



About PSG-STEP : BioNEST

PSG-STEP : BioNEST Bioincubator is established at PSG College of Technology with the support from Biotechnology Industry Research Assistance Council (BIRAC), Govt. of India. The incubation centre leverages the strengths and resources of Department of Biotechnology, PSG College of Technology, Coimbatore with the aim of accelerating biotechnological product development and promoting startups in Healthcare, Industrial, Environmental, Food and Agricultural Biotechnology. The Bioincubator provides infrastructure, funding, technical mentoring and instrumentation facility to help in product prototyping, scaling up and commercialization. The state of art facility fosters prospective bio-entrepreneurs and biotech startups to make their dreams a reality.



About the Biotechnology Department

The Department of Biotechnology in PSG College of Technology was started in the year 2000 and has been working in the areas of Recombinant Protein Expression & Purification, Genetic Modification in Crops, Biofuels, Bioprocess Development, Biosensors and Human Diseases. It has received several research grants from DST, DBT, DRDO, ICMR, UGC, AICTE, Grand Challenge Canada & Newton Bhabha Fund and is well equipped with laboratories to support Academics and Research. The Biomolecule Purification & Characterization lab has facilities like Medium Pressure Liquid Chromatography (BioLogic DuoFlow 10 system, BioRad), HPLC (Agilent 1120) and GC

For Details

PSG-STEP : BioNEST

PSG - Science & Technology Entrepreneurial Park (PSG-STEP)

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