

WRITE TO US FOR A PROGRAM CUSTOMIZED TO YOUR REQUIREMENT.

Many times you want training for a technology platform, methodology which is unique for your work or you feel would be good for your students. With our knowledge in the various areas of modern biology and our extensive academic network, we are confident that would be able to provide you best training for your requirements.

Talk to us with your need, we will "FIGURE OUT" the best way to take it forward.

For fee, duration and program structure, write to us with details and we will provide a package solution for you.



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PROTEIN DESIGN PVT LTD.

TRAINING AND WORKSHOPS

Specialized training programs in the cutting-edge subjects of Life Sciences and Biotechnology



AT YOUR SITE TRAINING PROGRAMS



MOLECULAR BIOLOGY/ GENETIC ENGINEERING

Hands-on course of PCR, gene cloning, clone selection and analysis using *E. coli* as a host. Lectures on recombinant-DNA technology.



GENE EXPRESSION ANALYSIS

Gene expression analysis by quantitative-PCR (hands-on); lectures and theory on microarray and RNAseq and newer platforms like nanopore sequencing.



PROTEIN BIOTECHNOLOGY

Hands-on on cloning of a gene for expression of proteins in *E. coli*, expression analysis by western blotting and ELISA. Demo for protein purification and analysis.

MAKE IT YOURS @ OUR FACILITY

Sometimes you don't have the setup to run the demo or training at your site. To solve this we have fully functional lab at our end and we can provide at site training.

- **CELL CULTURE**

Learn cell propagation, culturing, splitting, storing and treatment (hand-on). Add on modulates on protein extraction for western blotting, RNA extraction, cytokine analysis by ELISA etc.

Other assays including ROS, NO detection, live-dead analysis, metabolic activity etc.

- **DOWNSTREAM PROCESSING**

FACS, flowcytometry; Microscopy; ELISA; Receptor bioassays, animal study design, plant extract evaluation.

AND MANY MORE.

“Your mind is like a parachute: it only works if it's open.”

~ Let us open your MIND ~

The instructors are well established scientists in the field of Biology/ biotechnology with wide experience in the basic and applied sciences. We have decades of experience in the areas of molecular biology, biotechnology, biochemistry, immunology, antibody engineering, immunology, reproductive biology, genomics and cell biology. We are optimally placed to meet all your training requirements.

Dr. Deepti Saini PhD (Biochem), AIIMS New Delhi; WashU, USA.

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