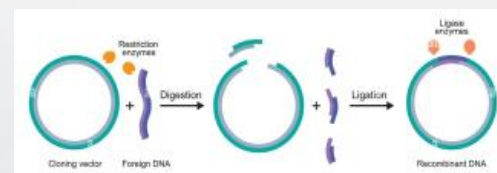
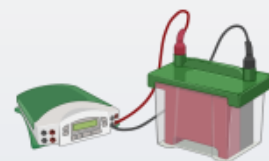




ACCELERATE
विद्यया



HIGH END WORKSHOP (KARYASHALA) ON MOLECULAR BIOLOGY TOOLS AND TECHNIQUES

Funded By

SCIENCE AND ENGINEERING RESEARCH BOARD



ACCELERATE VIGYAN SCHEME

Dates: 23 June -29 June, 2023



Registration Link: <https://forms.gle/mUHCp7twL6kciUui9>

Last Date for registration: 19 June 2023

About the Workshop

Karyashala, a one week Hands-On-Training workshop will be conducted for PhD Scholars/PG Students/Researchers from Universities/Institutes/Industries working in the field of Life Sciences and allied areas. The workshop is intended for beginners to teach and train them in gene cloning techniques, Primer designing and Real-time PCR and its applications, western blotting, recombinant protein expression and purification. The workshop will be supported by lectures on basic Bioinformatics for selection and retrieval of gene sequences, Primer designing, DNA/RNA isolation from cells, PCR, Restriction digestion, ligation, analysis by Agarose gel electrophoresis and Real time PCR.

Training Curriculum

Lecture Series: Molecular Cloning Techniques, PCR, RT-PCR, CRISPR/Cas9 methods and Applications

Hand-on Training: Pure culture techniques and Competent cell preparations, retrieval of gene sequences, primer designing, cloning, recombinant protein expression and purification, Western blotting

Demonstrations: Molecular cloning Software for Plasmid Mapping, retrieval and gene sequence selection from different databases

Organized By

Department of Biochemistry
School of Interdisciplinary and Applied Sciences
Central University of Haryana

Eligibility & Selection Process

Minimum Qualification: M. Sc. in Life Sciences; or Enrolled in M.Sc./PhD.

Mode of Selection: Application form and Statement of purpose

Workshop Duration: One Week

Number of Seats: 25

Invited Speakers:



Dr. Prafull Salvi,
NABI



Dr. Naren Dhania,
DU



Dr. Vikas Yadav,
JNU



Dr. Pallabi Mitra,
UoH



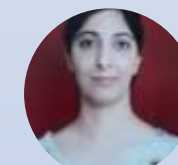
Dr. Madhavi Gorla,
NIAB



Dr. P. Sridevi,
CTUAP



Dr. Rupesh Deshmukh,
CUH



Dr. Humira Sonah,
CUH



Dr. Vidyullatha P,
CUH



Dr. Rohith Verma,
CUH

About the Organizers

Department of Biochemistry in Central University of Haryana is a young department under the School of Interdisciplinary and Applied Sciences begun the functioning in 2015. Biochemistry Department provides excellence knowledge and skills with degree education in new area of research.

Event Organizers

Chairperson:



Dr. Mulaka Maruthi, PhD
Assistant Professor
Department of Biochemistry, CUH
E-mail: mulaka@cuh.ac.in

Organizing Secretary:



Dr. Saurabh C Saxena
Assistant Professor
Department of Biochemistry, CUH
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