

EVENT DETAILS

Registration begins: **July 8th**

Registration closes : **August 16th**

Workshop Date:

August 20-22, 2019

Contact:

Prof. U. N. Dwivedi

In-charge

**Institute for Development of
Advanced Computing**

**ONGC Centre for Advanced Studies
University of Lucknow
Lucknow-226007**

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HANDS ON TRAINING IN BASIC MOLECULAR BIOLOGY AND BIOINFORMATICS

AUGUST 20 -22, 2019



Organized By

**Institute for Development of Advanced
Computing
ONGC-Centre for Advanced Studies**

In collaboration with

**Centre of Excellence in Computational
Biology**

&

**Centre of Excellence in Bioinformatics &
Bioinformatics Infrastructure Facility
University of Lucknow
Lucknow-226007**

COURSE CONTENT

- ◆ **DNA / RNA isolation**
- ◆ **Agarose gel electrophoresis**
- ◆ **Conventional PCR**
- ◆ **Real Time PCR**
- ◆ **Primer designing**
- ◆ **Gene cloning (theoretical aspect)**
- ◆ **Bioinformatics overview**
- ◆ **Phylogenetic Analysis**
- ◆ **Homology modelling & Post structural analysis**
- ◆ **Docking analysis**

OBJECTIVES OF THE WORKSHOP

The objective of the training program is to give exposure to the participants to concepts, skills and tools to provide hands on training on basic molecular biology techniques such as DNA/RNA isolation, PCR along with real time PCR and various bio-informatics approaches such as sequence analysis, phylogenetic analysis, protein structure prediction and molecular docking through various tools and software.



Date	August 20– 22, 2019
Duration	3 days
Subject of area	Molecular Biology, Bio-informatics
Methodology	Lectures, Demos with Hands on session
Level of participants	Faculty, Research Scholars and Students from various colleges, universities and research organizations
Prerequisites	Minimum skill in operation of computer
No. of participants	20
Registration fee	Rs 3000/-

Procedure for selection

- Submission of CV before deadline via E-mail
- Fee submission before deadline
- All selection will be done on first come first serve basis
- Communication via Email Only

REGISTRATION FORM

Name

Date of Birth

Department and Institution

Address

Educational Classification

Phone/ Mobile

E-Mail

Mode of Payment (DD only)

DD No.

DD Date

Applicant's Signature

Signature of Supervisor/ Head of Department/ PI