



Resolving Double Helix For Life



UKA TARSADIA  
university

# Online Certificate Course In Recombinant DNA Technology (Batch -X)

Duration :

12/04/2021 to 22/04/2021

( 3 hours per day, Total 34  
hours)

## Eligibility

Any Bioscience/Pharmacy/Medical/Agriculture graduates,  
Post graduate, PhD Scholar and faculties

## Resource Persons



**Mentor**

**Dr. Dinesh R Shah**

Provost  
Uka Tarsadia University



**Chair Person**

**Dr. Prof. R. Krishnamurthy**

Director  
C. G. Bhakta Institute of Biotechnology  
Uka Tarsadia University



**Dr. Gopal Jee Gopal** has done PhD from Special centre for Molecular Medicine, JNU. He has also qualified CSIR-NET-JRF, D.S Kothari Post-Doc Fellow, Fast Track young Scientist (SERB,DST). successfully completed 9 batches of this course.



**Dr. Ravi Vijayvargia:** Asst. Professor, Dept. of Biochemistry, The M.S. University of Baroda. He has 10 Years of Postdoc Experience from UM DNJ-Rutgers University, New Jersey and MGH-Harvard Medical School, Boston USA



**Dr. Abhishek Sharma** (PhD from JNU - CSIR CIMAP as DST INSPIRE Fellow) Plant Metabolic Engineering Expert and DST SERB Young Scientist

**Registration  
Deadline: 10<sup>th</sup> April**

## Contact detail :

**Dr. Gopal Jee Gopal (Co-ordinator)**, Email Id: [gopal.jee@utu.ac.in](mailto:gopal.jee@utu.ac.in), Cont No: 09558880617, 08160245501.

Dr. Abhishek Sharma: 8188814000

Online registration : <http://cgibt.edu.in/RDTCourse.html>

# Course Details

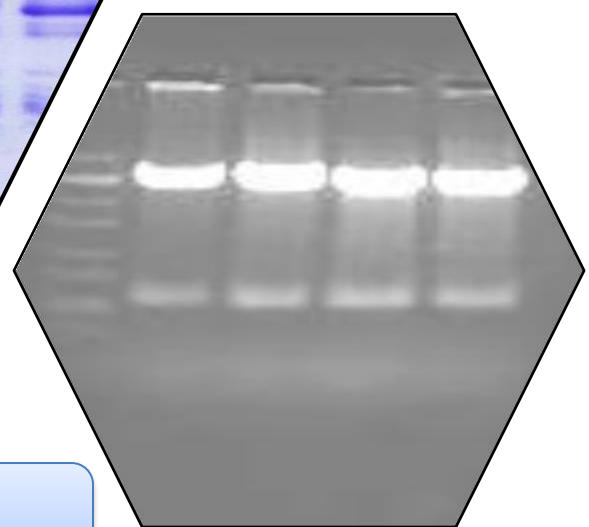
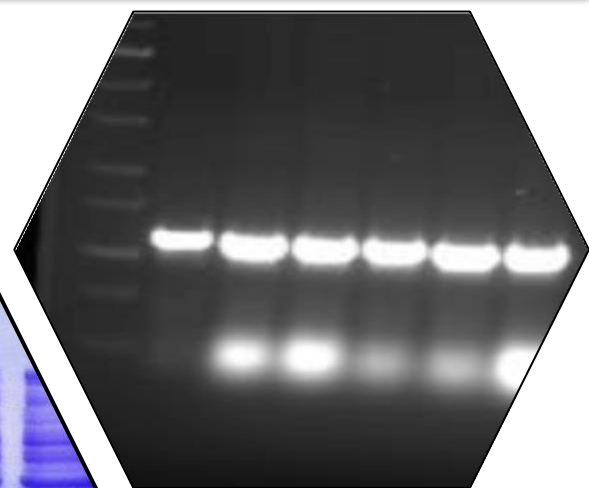
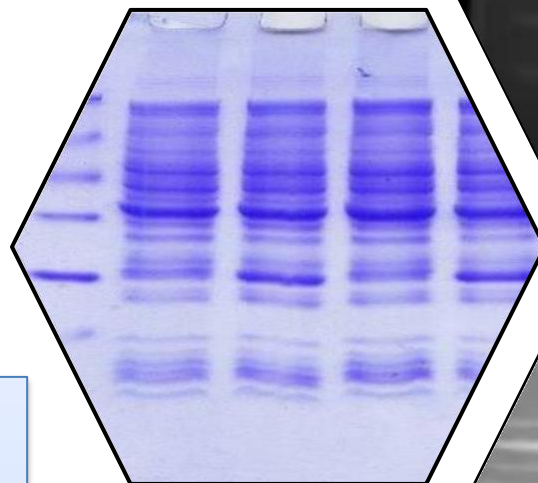
**Online Platform  
for Lectures:**



Google Meet

## **Topics covered:**

Players of Gene cloning, Various Strategies for Gene cloning and expression of cloned gene in different Expression system, (E.coli, Insect cell, Plant, animal cell) Techniques used in Recombinant DNA tech, Protein/ protein and protein/DNA interaction, Different types of PCR, Basic chemistry and math, identification of gene function, Basics of vaccine, Protein Engineering, Genetic engineering in plants,



## **Timing:**

05:00 pm to 08:00 pm

**Expected outcome:** Participants will be trained to teach RDT in UG and PG courses, able to produce Recombinant Protein in E.coli, Insect cell, animal cell line and in plant and can also able to troubleshoot RDT related problems.

**Note:** You will get **confirmation mail** on **11/04/2021 (Morning)**, with instructions and Google meet link. Download the payment receipt after you pay the course fees and keep it with you.