



Resolving Double Helix For Life



Online Certificate Course In **BASICS IN GENOMICS AND PROTEOMICS**

By

C.G. Bhakta Institute of Biotechnology

Duration :

10/08/2021 to 19/08/2021

(3 hours per day, Total 30 hours)

Course Fee: INR. 400. only

Eligibility

Any Bioscience/Pharmacy/Medical/Agriculture graduates,
Post graduate and Research scholar.

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.



Coordinator and Resource Person

Dr. Gopal Jee Gopal. Asst. Prof. Uka Tarsadia University, 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 conducted 12 batches of Recombinant DNA Technology Course.



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



Dr. Hem Chandra Jha, Assistant Professor, IIT, Indore. Recipient of Ramanujan Fellowship



Dr. Awanish Kumar-Assistant Professor, National Institute of Technology, Raipur. PhD from C.D.R.I. Lucknow and Recipient of Dr. D.S. Kothari PDF of UGC



Dr. Biprانش Kumar Tiwary, HOD, Dept of Microbiology, North Bengal St. Xavier's college, Rajganj. Jalpaiguri.

**Registration
Deadline:
8th Aug..**

Contact detail :

Dr. Gopal Jee Gopal (Co-ordinator)

Email Id: gopal.jee@utu.ac.in,

Cont No: 09558880617, 08160245501. Dr. N.Ch. Srivathsa : 09701996890

Registration link: <http://cgbibt.edu.in/OnlineCourse.html>

Course Details

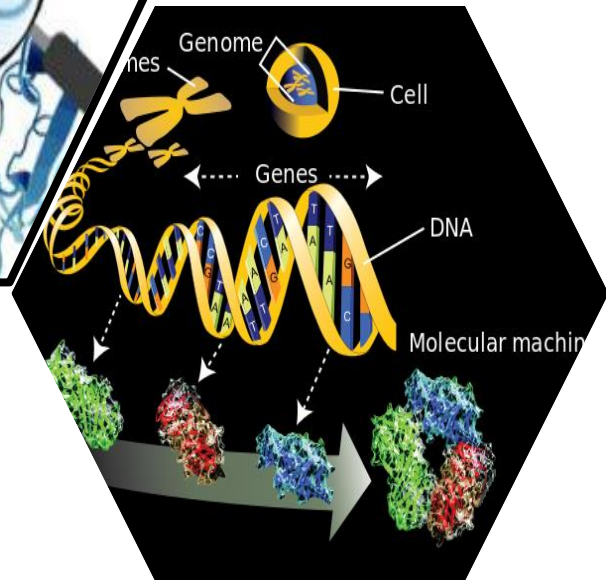
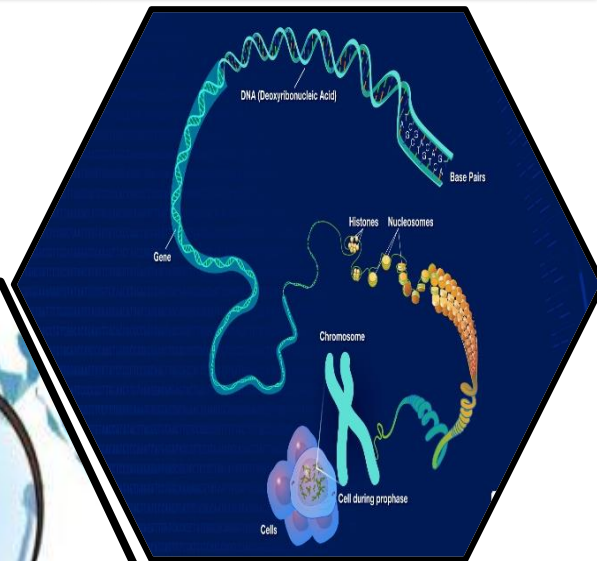
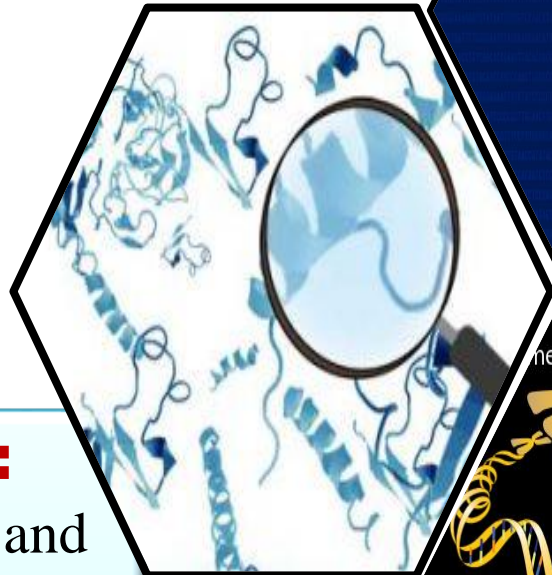
Online Platform
for Lectures:



Google Meet

Topics covered:

Introduction to Genomics and Proteomics, Structure and Function of Nucleotide, Amino acid, DNA(Gene) and Protein, Gel electrophoresis for separation of DNA and Protein, Sequencing of DNA and protein, Protein purification and identification, Determination of targeted Gene expression and Global Gene expression, Post Translational Modification and analysis, Protein/Protein and Protein/ DNA Interaction.



Timing:

05:00 pm to 08:00 pm

Expected outcome:

Participants will understand the basics of genomics and proteomics and will be aware of about different techniques used in proteomics and genomics.

Note: You will Receive **confirmation mail** on **09/08/2021 (Morning)**, with instructions and Google meet link. Download the payment receipt after you pay the course fees and keep it with you.