



9th Training on "Whole Genome Sequencing and Analysis"

January 4 & 5, 2019

STATC
GGG
ACGT
GAG
TCAT
TAAT



Bengaluru Genomics Center
Heredity Decoder



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2 Days Workshop

Career Path - Special Counseling on Genomics and Bioinformatics

Program Directors:

Prof. Malali Gowda, Head, Center for Functional Genomics and Bioinformatics, TDU

Dr. Pruthvi Chakravarthi T, CEO, Bengaluru Genomics Centre (BGC)

THEME:

- BIG-BANG in GENOMICS
- Avenue and Opportunities in Genomics
- Challenges in Bioinformatics & Data Science
- Agglomeration of "Pure & Digital" Sciences
- Creating "Global Genomics Ecosystem"

Our Achievements (2017-18):

- ✓ Trained > 200 Scientists (All streams of Biology, Engineering, Technology).
- ✓ Achieved 100 % Literacy by the participants in Genomics and Bioinformatics, more details at:

<http://tdu.edu.in/genomics/genomics-events/>

Who Can Participate?

Students, Faculty and Scientists from Academia and Industries including Life Sciences, Biology, Computer, Medicine, Agriculture, Veterinary, Environmental Science and any other disciplines.

Accommodation:

It will be arranged based on request with additional charges (Contact: +91 9972490101)

Postal Address:

The University of Trans-Disciplinary Health Sciences and Technology (TDU), #74/2, Jarakabande Kaval, Post Attur via Yelahanka, Bengaluru, Karnataka, 560064

Organizing Secretaries:

Dr. Lavanya Devi K, TDU
Mr. Shreedhara P, BGC

Programme Details

Jan 4th 2019	<ul style="list-style-type: none"> ➤ Experimental Design for WGS projects ➤ Whole Genome sequencing technologies ➤ Short and long read technologies ➤ First, Second and Third Gen. Technologies ➤ Next Generation Sequencing (NGS) ➤ NGS Library Preparation ➤ Other Essential Techniques like Sample collection, Storage and Genomic DNA isolation, NanoDrop, Gel Electrophoresis, Quality Check, PCR etc.
Jan 5th 2019	<ul style="list-style-type: none"> ➤ Navigation through NCBI/GenBank ➤ Introduction to Linux and Command Line ➤ WGS Assembly and Annotation ➤ Genome Browser & other essential software (ASCI File, FastQC, TrimGalore, SPAdes, Quast, PROKKA, etc)

Registration Link:

<http://tdu.edu.in/genomics/genomics-events/>

Registration Fee (INR): 3,500/-

Last Date for Registration: Dec. 30th 2018

On-Spot Registration: Extra Charges Apply

No Refund for Cancellation of Registration

Payment Mode NEFT (Online):

Account Name: UTDHST General Fund

Account Number: 0694104000134705

Bank Name:

IDBI Bank, Yelahanka New Town, Bangalore-560064

IFSC: IBKL0000694

MICR: 560259014

The **Demand Draft** in favor of "UTDHST" and payable at Bengaluru.

Option: Cash is also acceptable at TDU Office