



THE UNIVERSITY OF TRANS-DISCIPLINARY
HEALTH SCIENCES & TECHNOLOGY



12th Advanced Training on “Whole Genome Sequencing & Data Analysis”



Jointly organizing by Centre for Functional Genomics
& Bioinformatics, TDU and
Bengaluru Genomics Centre (BGC)

May 20-22, 2019

Career Path-Exclusive counselling on Genomics, Bioinformatics
and Industry Interaction



genomics@tdu.edu.in;
reach@blrgenomics.com



TDU: +91 - 9972978966;
BGC: +91 - 8105872635

Program Directors:

- Dr. Malali Gowda, Professor & Head,
Center for Functional Genomics and Bio-informatics, TDU
- Dr. Pruthvi Chakravarthi T, CEO, Bengaluru Genomics Centre

Preamble

The progress of science is punctuated by the advent of revolutionary technologies that provide new ways and scales to formulate scientific questions and advance knowledge. Next-generation sequencing (NGS) technology, with its high-throughput capacity and low cost, has developed rapidly in recent years and become an important genome-wide tool to discover new **genes, genomes and its elements**. Computational tool are evolving with speed and accuracy to address problems of genomes. **Hand-holding** of participants and mentoring by **genome experts** throughout this training will create an ecosystem for experiential learning in real time.

Theme:

- BIG-BANG of GENOMIC Science
- Avenue and Opportunities in Genomics
- Challenges in Bioinformatics & Data Science
- Agglomeration of “Pure & Digital” Sciences

Mission Accomplished (2017-18):

- ✓ Created “Genomics Ecosystem” in the country by conducting 11 training programs
- ✓ Trained > 400 Scientists (Streams of Biology, Engineering, Technology).
- ✓ Achieved 100 % Literacy by participants in the areas of 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 and food:

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

Computer Support:

We will provide computers/server with required programs and software for the participants.

Organizing Secretaries:

Mr. Santhosh Hegde, TDU
Mr. Farooque M.O, BGC

Day	Schedule
20.05.2019 (Monday)	<ul style="list-style-type: none"> Introduction to Next Generation Sequencing (NGS) Technology Hands on: WGS Library Preparation NGS Platforms for Sequencing for Whole Genome Sequencing (WGS)
21.05.2019 (Tuesday)	<p>Hands on:</p> <ul style="list-style-type: none"> Computational Tools for Data Analysis WGS <i>de novo</i> Based Assembly and Annotation of Genome
22.05.2019 (Wednesday)	<p>Hands on:</p> <ul style="list-style-type: none"> Reference Based Assembly and Annotation of Genome SNPs Analysis, Variant Calling and Population Study

Registration Fee

	(INR)
Students	7,000/-
Ph. D. Scholars	9,000/-
Post-doctoral Researchers	10,000/-
Faculty Member	13,000/-
Industrial Member	16,000/-

❖ Registration Link:

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

❖ Last Date for Registration:

May 15, 2019 (Limited seats)

No refund for cancellation of registration.

On-Spot Registration: Extra Charges Apply

Early bird offer: 10% discount for early registration valid till April 30, 2019

➤ Payment Mode NEFT (Online):

Account Name: ITD-HST General Fund

Account Number: 0694104000134705

IDBI Bank, Yelahanka New Town, Bangalore-560 064,

IFSC: IBKL0000694, MICR: 560259014

The Demand Draft in favour of “ITD-HST” and payable at Bengaluru

Address:

Jarakabande Kaval, Post Attur via, Yelahanka, Bengaluru,
Karnataka – 560 064

Knowledge Partners

