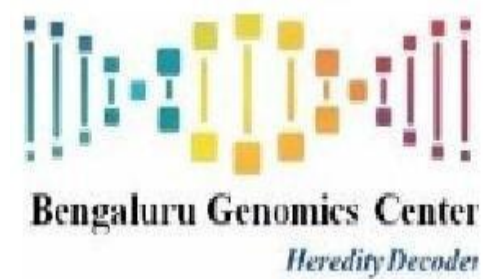




13th Training on “Transcriptome Sequencing & Data Analysis”



Jointly organized by Centre for Functional Genomics
& Bioinformatics, TDU

and

Bengaluru Genomics Centre (BGC)

June 24 - 26, 2019



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BGC: +91 - 8105872635

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

Program Directors:

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

Training Theme

- Next Generation Sequencing (NGS) is a recent technological revolution in life science that transformed our understanding of life's genome landscape
- Present training helps to get a deeper understanding in NGS technology with a special focus on RNA world and transcriptome analysis
- Teach the fundamentals of NGS workflow from sample preparation to sequencing.
- Globally huge demand and opportunities in genomics and industry

Objectives

- Training capitalizing human resources to carry out NGS and transcriptome analysis.
- Carry out high throughput research using genomic tools to foster trans-disciplinary dialogues in functional genomics.

Mission Accomplished (2017-18):

☐ Created “Genomics Ecosystem” in the country by conducting 12 training programs
Trained > 450 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, 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:

Dr. Prasanna S Koti, TDU
Sathyavathi J, BGC

Knowledge Partners

Day	Schedule
24.06.2019 (Monday)	Introduction to Next Generation Sequencing (NGS) Technology Hands on: <ul style="list-style-type: none"> • Transcriptome/RNA library preparation • Transcriptome sequencing by NGS platforms
25.06.2019 (Tuesday)	Hands on: <ul style="list-style-type: none"> • Introduction to high-end computing servers • Transcriptome sequence data formats. • Software for transcriptome data analysis • De novo and reference based transcriptome assembly
26.06.2019 (Wednesday)	Hands on: <ul style="list-style-type: none"> • Transcriptome quantification • Differential gene expression analysis • Functional annotation of genes • NGS data submission to NCBI

Registration Fee	(INR) *
UG Students	5000/-
PG students	6000/-
Ph. D. Scholars	7000/-
Post-doctoral Researchers	7500/-
Faculty Member	10000/-
Industrial Member	15000/-

* People have to pay GST 18%

Registration Link:

https://docs.google.com/forms/d/1qIXbZRa2SgOxIPpV0InKu2CkhTsIxMAC9MzOMtCHKHU/viewform?edit_requested=true

Last Date for Registration: 15th June, 2019 (Limited seats)

No refund for cancellation of registration.

On-Spot Registration: Extra Charges Apply

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, India

