



ONLINE TRAINING PROGRAM

The University of Trans-Disciplinary Health Sciences and Technology

organized by

Centre for Functional Genomics & Bioinformatics, TDU

Topics :- Transcriptome Data Analysis

5 days(November 2nd to 6th, 2020)

Timings :- 6pm To 9pm

E- certificates will
be provided

 genomics@tdu.edu.in

PROGRAM DIRECTORS:-

- **Dr. Pavithra N**, Asst Professor and Centre-in-Charge
- **Dr. Lavanya DK**, Asst Professor
- **Dr. Prasanna S Koti**, Asst Professor

OUR STRENGTH:-

- Highly skilled resource persons who provide hands on training in the field of Molecular biology, Genomics and Bioinformatics.
- Successfully completed 22 hands-on training programs on Next generation sequencing and computational biology.

Note :- This course accounts for 15hrs equivalent to 1credit, Interested CANDIDATES please do contact

CONTENTS

- Introduction to RNA sequencing using Next Generation sequencing
- Illumina and Nanopore demo
- Introduction to Bioinformatics
- NGS data formats
- Programming Languages (PERL and R)
- Data Quality Check
- Reference based Transcriptome assembly and differential gene expression
- De-novo Transcriptome assembly and differential gene expression
- Annotation of Differentially expressed Genes and pathway analysis

LINK FOR REGISTRATION :-

<https://forms.gle/NFHk6HR1mfGTZ3JE8>

COST Rs :- 3000+ 18% GST= 3540/-
(registration amount will Not be refunded)

Last date of registration :- 25/10/2020

PAYMENT MODE NEFT (ONLINE):

Account Name: UTD-HST General Fund
Account Number: 0694104000134705
IDBI Bank, Yelahanka New Town,
Bangalore-560064,
IFSC: IBKL0000694, MICR: 560259014

GOOGLE PAY-

Account Number: 0694104000134705
IFSC: IBKL0000694
Recipient name: UTD-HST General Fund

ORGANISING SECRETARIES:- Namitha R (7892368195) , Manasa K H ((9738167007)