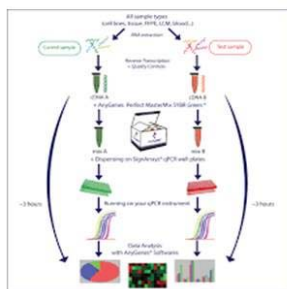




VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



Nanopore Sequencing



Q PCR



SEM



HPLC



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School of Bio Sciences & Technology

Presents 6 Day Workshop on

- ❖ Q PCR
- ❖ SEM
- ❖ HPLC
- ❖ Nanopore Sequencing

Dates :17.06.19 to 22.06.19

Venue : SMV 244

VIT, Vellore

Registration Fees :

INR 6000 + GST

Resource Person:

Dr.T.B.Sridharan, VIT

Dr. K.M.Gothandam, VIT

Dr.S.Karthikeyan, VIT

Dr.Shankar, IIT Jodhpur

Note: Concession for Bulk Registration is available

ABOUT VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown exponentially to that of having more than 33,000 students at present. Students from all over India and more than 50 countries are studying at VIT. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives. Currently, VIT has 4 campuses – in Vellore, Chennai, Amaravati (AP) and Bhopal (MP). The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India in the year 2016 and 2017. VIT has gone for accreditation by NAAC [India], IET [UK], and ABET [USA] and follows world class academic processes. VIT is the first and only University in India to get 4 star rating from QS, the world universities ranking organization. The Industry consortium FICCI, has declared VIT as the “University of the Year 2016”, in India. VIT has also been ranked in the top 201 -250 in QS BRICS Ranking.

ABOUT WORKSHOP

The primary focus of the workshop is to give an in-depth understanding of the current methods in the analysis of data from Next Generation Sequencing and the pipelines and tools used in the analysis of RNA-sequencing data.

The workshop has been planned to provide the participants, a complete hands-on experience on the tools used to analyse the data from DNA to RNA to Proteins

PATRON

Dr. G. Viswanathan, Chancellor.

CO-PATRONS

Mr. Sankar Viswanathan, Vice President.

Dr. Sekar Viswanathan, Vice President.

Mr. G.V. Selvam, Vice President.

Dr. Anand A Samuel, Vice Chancellor.

Dr. S. Narayanan, Pro-Vice Chancellor.

Dr.Sathyannarayana, Registrar.

DEANS

Dr. Pragasam V, Dean, SBST.

HEAD OF THE DEPARTMENT

Dr.R.Siva, Department of Biotechnology, SBST.

ORGANIZING SECRETARIES

Dr. S.Karthikeyan, Dr.K.M.Gothandam & Dr.T.B.Sridharan

SBST

Vellore Institute of Technology, Vellore-632-14

Target

This course is aimed at faculty, post-doctoral fellows, researchers and technicians who wish to employ RNA-sequencing NGS methods in their work. Ph.D. students/ Post Doctoral Fellows/JRFs/SRFs/faculty involved in relevant research are eligible to apply. The participants are encouraged to bring their laptops which may be useful for downstream processing and visualization of the data.

Participants

KEYNOTE SPEAKERS

- **Dr.Venkatesh Krishnamurthy**, Research Director at Genotypic Technology, Bangalore
- **Dr. Shankar Manoharan**, Assistant Professor, IIT Jodhpur

LIST OF TOPICS COVERED IN WORKSHOP

- **Use of Nano Pore system for Whole Genome Sequencing & Metagenomic Analysis**
- **PCR / RT PCR / QPCR**
- **HPLC / FPLC**
- **Scanning Electron Microscopy**