

IDENTITY

Hands – On Workshop on NGS Based Identification of Microbes 15th Feb, 2018

About the workshop

Bacterial 16S rRNA contain both variable and conserved region. There are nine “hyper variable region” (V1-V9) that demonstrate sequence diversity among different bacteria. Therefore, 16S rRNA is commonly used to identify bacteria.

Next Generation Sequencing (NGS) has revolutionized genomic research. NGS applications can be used to analyze massive raw microbial DNA sequencing data generated on Illumina or other platforms. These identifications are accurate at different levels of taxonomic hierarchy and provide detailed insights on the diversity of the bacteria present in a sampled environment. Knowledge gained through this workshop will help the aspirants to meet the evolving trends in the field of life sciences.

Workshop Highlights & Takeaways

- Basics of 16S rRNA
- Knowledge on basic NGS
- Linux Commands
- Illumina MiSeq Data Analysis
- Identify bacteria using QIIME

Registration fees: Rs.350/ includes workshop kit and Lunch

Last Date: 12th February, 2018.

Mode of Payment: NEFT to City Union Bank, Branch: Tambaram,

Account Name: Genetic Engineering Association, Account No: 117001000403689,
IFSC code: CIUB0000117.

Registration Link: <https://goo.gl/forms/L2T45kV4mNhewmhi2>

Suitable Candidates: B. Tech & M.Sc Life Sciences students

Please note: Entry is limited to 30 students based on first come first serve basis

Email the transaction slip to identity2k17@gmail.com **& bring hardcopy to workshop**

Venue: Tech park, SRM Institute of Science and Technology, Kattankulathur

Contact: Dr. S.K.M Habeeb,

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