

Oxford Nanopore and Genotypic present
Hands-on Workshop on Metagenomic Sequencing using GridION X5
 Sequence and analyze your own samples*

Date : 3rd and 4th October 2018 (Wednesday and Thursday)
Time : 9:00 AM to 5:00 PM
Venue : Genotypic Technology Pvt. Ltd.

Programme			
DAY 1	3rd October 2018	DAY 2	4th October 2018
Time	Session	Time	Session
09:00 AM	Introduction to the NGS World – Dr. Venkatesh, Genotypic Technology	09:30 AM	Nanopore data and Data transfer
09:15 AM	Nanopore Sequencer and applications – Dr. Bhupinder, Oxford Nanopore Technology	10:30 AM	Tea break
10:15 AM	Tea break	11:00 AM	Basecalling and demultiplexing
10:30 AM	DNA Q/C	12:00 PM	Cloud based and local server based analysis
11:00 AM	Introduction to metagenomic workflow on Nanopore	01:00 PM	Lunch
11:15 AM	Library prep	02:00 PM	Interpretation and discussion
01:00 PM	Lunch	03:00 PM	Questions and Answers session with Tea
02:00 PM	Library prep (contd.)	04:00 PM	Procuring your Nanopore sequencer
05:00 PM	Tea	05:30 PM	Closing session
05:30 AM	Loading and initiation of sequencing on GridION X5		

Key Features:

GridION enables :

- Real-time data streaming for immediate analysis
- Library preparation without amplification
- Sequencing long fragments of several kilobases to ultra-long reads of hundreds of kilobases
- From sample to result in just 4 hours.
- Achieving approximately 200-300x genome coverage in just 30 minutes
- Go from sample to result in less than 3.5 hours, with the GridION and WIMP data analysis workflow

4 DNA samples (QC passed) per participant and 1 will be chosen for sequencing and identification.

* **Contact us for sample specifications**

For Registration:

Contact **Ms. Rituparna +91 95591702266**

Visit weblink: <http://www.genotypic.co.in/GWS2018>

Or Email with Name, Position, Institution, Field of Study, Address and Phone Number to: nanopore@genotypic.co.in

Registration Fees:

For participation and sequencing your own Sample*:
 INR 20,000 (Rupees Twenty Thousand only) + GST 18%

For participation:
 INR 8,000 (Rupees Eight Thousand Only) + GST 18%

Payment accepted by **NEFT/IMPS/PayTM**

The workshop is designed to provide first hand experience in rapid microbial identification from environmental samples.