

Register now!

April 16-18, 2018



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Accredited by NAAC with A Grade

## Workshop on NextGen Sequencing-based Whole Genome Sequencing, Assembly and Annotation

([http://csbmm.yenepoya.edu.in/workshop/w18\\_genomics/](http://csbmm.yenepoya.edu.in/workshop/w18_genomics/))

Center for Systems Biology and Molecular Medicine (CSBMM) is a premier center for genomics, proteomics, metabolomics and computational biology. The scientists at CSBMM are carrying out cutting edge research by employing NextGen sequencing (NGS) -based genomics and transcriptomics to understand and enable biomedical discoveries intended towards translation in the areas of research, performance of livestock and plant biology. CSBMM has also established a state-of-the-art proteomics facility to discover and validate candidate biomarkers in human diseases ranging from infectious diseases and cancers. As a part of the academic program at Yenepoya (Deemed to be University), scientists at CSBMM in collaboration with Bangalore Genomics Centre will share their expertise in NextGen sequencing-based genomic data analysis with young researchers in India, through this workshop. The organising team of this workshop has successfully conducted over 40 national workshops on NextGen sequencing-based genomic and transcriptomic analysis. Several faculty and students from reputed research Institutes and Universities from India have participated in these workshops.

### Benefits of the workshop

As a part of this 3-day intensive training we will introduce, demonstrate and provide theoretical underpinnings of NextGen sequencing-based genomics. Each participant will gain hands-on training to assess and apply quality control, to perform alignment of WGS data against reference database followed by subsequent variant identification and functional annotation.

### Registration Fee

Category	Registration Fee with 18% GST
Bachelors students	Rs. 5,000 + 18% GST (Rs. 5,900)
Masters students	Rs. 10,000+ 18% GST (Rs. 11,800)
Ph.D. students	Rs. 12,500+ 18% GST (Rs. 14,750)
Post Doctoral Fellows	Rs. 15,000+ 18% GST (Rs. 17,700)
Faculty	Rs. 17,500+ 18% GST (Rs. 20,650)
Industry	Rs. 25,000+ 18% GST (Rs. 29,500)

A concession of Rs. 2,000/- in the registration fee will be provided for:

1. Each student and faculty from Jammu and Kashmir and Northeast India
2. Each student in the case of group registration of 3 or more students from the same Institute

### Workshop venue

Centre for Systems Biology and Molecular Medicine,  
Yenepoya Research Centre, Yenepoya (Deemed to be  
University), Mangalore 575018

### Registration link

[http://csbmm.yenepoya.edu.in/workshop/w18\\_genomics/register.php](http://csbmm.yenepoya.edu.in/workshop/w18_genomics/register.php)

### For further details please contact:

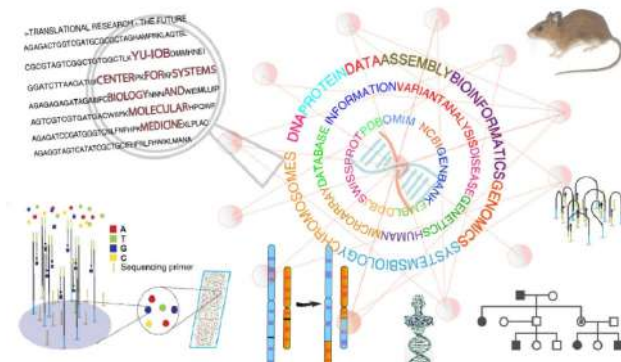
Phone: 0824-2204668 (Ext: 2057)

Email : [csbmm\\_workshop@yenepoya.edu.in](mailto:csbmm_workshop@yenepoya.edu.in)

Website: <http://csbmm.yenepoya.edu.in>

### Focus of the workshop

- NGS data formats and structure
- WGS by NGS platforms (short and long reads)
- Genome alignment
- Variant analysis
- Proteogenomics
- R-packages (NGS Analysis)
- Visualization on IGV



### Resource Personnel

- Dr. T. S. Keshava Prasad
- Dr. Malali Gowda, Professor, Trans-Disciplinary University
- Dr. Roopalakshmi K., CEO, Bangalore Genomics Centre
- Dr. Pruthvi Chakravarthi, CEO, Bangalore Genomics Centre
- Dr. Sneha M. Pinto
- Dr. Yashwanth Subbannayya
- Dr. Pratigya Subba
- Dr. Prashant Kumar Modi
- Dr. Shobha Dagamajalu

Join our Workshop WhatsApp group to stay updated on the workshops conducted by us:

<https://chat.whatsapp.com/HmAXNwyjk3d7rdKtSckekw>