

Day 1: 16-04-2018, Monday

8.30 AM to 9.30 AM	Registration
9.30 to 10.00 AM	Inauguration by Delegates
10.00 to 10.15 AM	High Tea
10.15 to 11.00 AM	Inaugural talk by Dr. Malali Gowda on “Dissecting RNA world using NGS technology”
11.00 to 1.15 PM	Hands-on training Sample Collection, Storage and Processing & RNA Isolation (Ms. Varalaxmi A, Dr. Santosh P, Dr. Venu S)
1.15 to 2.00 PM	Lunch Break
2.00 to 5.30 PM (3.45-4.00 PM Tea break)	Direct RNA Sequencing using Oxford Nanopore (Mr. Vinay C)

Day 2: 17-04-2018, Tuesday

9.00 AM to 9.15 AM	Recap
9.15 to 12.00 AM	RNA Library Preparation and Sequencing (Illumina Seq), (Dr. Sheetal Ambardar)
12.00 to 1.00 PM	Lunch Break
1.00 to 6.00 PM	The Institute of Bioinformatics and Applied Biotechnology (IBAB) Visit

Day 3: 18-04-2018, Wednesday	
9.00 AM to 9.15 AM	Recap
9.15 to 10.00 AM	Hands-on training NGS Raw Reads and Data Formats (Illumina, Nanopore) (Mr. Rohith B S)
10.00 to 1.15 PM (11.00 to 11.15 AM Tea Break)	Basic Linux Commands (Dr. Pavithra N)
1.15 to 2.00 PM	Lunch break
2.00 to 3.00 AM	Talk by Dr. Debnath Pal on “Secondary Analysis of Genomes”
3.00 to 5.30 PM (4.00 to 4.15 PM Tea Break)	De Novo Transcriptome Assembly (Ms. Ashalatha K L)
Day 4: 19-04-2018, Thursday	
9.00 AM to 9.15 AM	Recap
9.15 to 11.30 AM (10.30 to 10.40 AM: Tea break)	Hands-on training Transcriptome Quantification and Differential Transcript or Gene Expression Analysis (Ms. Ashalatha K L)
11.30 to 1.15 PM	Functional Annotations of Transcripts (Ms. Ashalatha K L)
1.15 to 2.00 PM	Lunch Break
2.00 to 2.45 PM	Talk by Dr. Dasaradhi P on “Translation switches underlying stem cell function and regeneration”
2.45 to 3.30 PM	Talk by Dr. Tapas Kumar Kundu on “Small molecule Activator of Master Epigenetic Enzyme, p300/CPB: Implications in Neural Disorders and Therapeutics”
3.30 to 3.45 PM	Tea Break
3.45 to 5.30 PM	Pathway Prediction (Mr. Rohith B S)

Day 5: 20-04-2018, Friday	
9.00 AM to 9.10 AM	Recap
9.30 to 12.45 PM 10.30 to 10.45 AM : Tea Break	Small RNA Transcriptome Analysis (Mr. Rohith B S)
12.45 to 1.15 PM	Talk by Dr. Naveen Sharma on “Traditional Medicine and Genomics”
1.15 to 2.00 PM	Lunch Break
2.00 to 5.00 PM (3.45 to 4.00 PM: Tea break)	Talk & Hands on Training by Dr. R. Srivatsan on “RNA Seq data analysis in R”
Day 6: 21-04-2018, Saturday	
9.00 AM to 9.30 AM	Recap
9.30 to 1.00 AM 10.45 to 11.00 AM (Tea Break)	Hands-on training SRA Data Submission, Genome Browsers and Databases (Mr. Rahul Yadav)
1.15 to 2.00	Lunch Break
2.00 to 3.00 PM	Talk by Dr. Malali Gowda on “Prospects of Intellectual Property Rights in Transcriptomics”
3.00 to 3.45 PM	Valedictory
3.45	High Tea and Departure