Department of Computer Science and Engineering, NITTTR, Chandigarh

Time Table for STC On
Data Analytics Tools for Research (Oplan CSE-22)
(18 to 22 March 2019)
At Centre for Systems Biology and Bioinformatics, Panjab University, Chandigarh

DATE	9:30 a.m. to 11:00 a.m.		11:30 a.m. to 1:00 p.m.		2:00 p.m. to 3:30 p.m.		3:45 p.m. top 5:15 p.m.
18.03.2019	Overview of Data Analytics and Introduction to Python (Variables, operators, decision making) (SS)	T E A B R E A K	Functions, loops and Data Structure (SS)	L U N C H	Anaconda Distribution, Jupyter and Julia Framework setup for Data Analytics (AD)	T E A B R E A K	Lab Session (AD)
19.03.2019	Network Biology, STRING & STICH databases for Analytics (AK)		Cytoscape tools for Data virtualization and Analytics (AK)	B R E A K	Advance Statistics for Data Analytics (SKS)		Advance Statistics for Data Analytics (SKS)
20.03.2019	Data Cleaning, Preprocessing Techniques, Statistics using Python and Visualization using Matplotlib (GK)		Digital Data Forensic Analysis and Bio Informatics Data Analysis (GK)		Julia and Optimized Python for Data Science and Analytics (GK)		Lab Session (AD)
22.03.2019	Academic Data Analytics for Research and Publication (NK)		Implementation of Machine Learning Algorithms using Python (AD)		Implementation of Machine Learning Algorithms using Python (AD)		Feedback and Evaluation (AD)

Coordinators: Shano Solanki (SS) and Amit Doegar (AD)
GK : Dr. Gaurav Kumar, Magma Research and Consultancy, Pvt. Ltd., Ambala
AK: Dr. Ashok Kumar, Panjab University, Chandigarh
SKS: Dr. Suresh Kumar Sharma, Panjab University, Chandigarh
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