

Machine Learning with Python (29th November – 4th December 2018)

College Name: Vasavi College of Engineering (Autonomous), Hyderabad

Tentative Schedule

Day& Date	10.00 – 12.00		Tea Break	12.15-13.15	Lunch Break	14.00-16.00	Tea Break	16.15-17.15	
29.11.2018 Thursday	Registration & inauguration From 8.30 am	Object Oriented Programming with PYTHON: Creating Classes and Objects SS		Object Oriented Programming with PYTHON: Multithreading, Errors & Exception Handling SS		Database Connectivity with PYTHON: Establishing Database Connectivity MySQL, Oracle SS		Database Connectivity with PYTHON: Performing Database Transactions (Inserting, Deleting, and Updating the Database) SS	
30.11.2018 Friday	Advanced Features of Python SS			Comprehension and Generators SS		Modules, Packages, Standard Python Modules SS		Modules, Packages, Standard Python Modules SS	
01.12.2018 Saturday	Introduction to Machine Learning; Supervised Vs Unsupervised Learning ; Examples RBS			Overview of Classification & Clustering RBS		Link Prediction RBS		SVM and PCA RBS	
02.12.2018 Sunday	Multi Layer Neural Networks; Back Propagation NB			Overview of Machine Learning packages in Python NB		Bayesian Networks NB		Python APIs for Machine learning Implementation NB	
03.12.2018 Monday	Hands on using scipy AK			Hands-on using scipy AK		Hands-on using matplotlib AK		Case Studies using Python AK	
04.12.2018 Tuesday	Data Analytics using Pandas AK			Data Analytics using Pandas AK		Demons and hands-on using Machine Learning package-Bokeh/Seaborn AK		Demons and hands-on using Machine Learning package-Bokeh/Seaborn AK	Test and valedictory function DVS

SS: Sri Saya Srinevasulu, Industry Expert, Bangalore
RBS: Prof R B V Subramanyam, Head of CSE, NIT, Warangal
DVS: Prof DVLN Somayajulu, Chair, E&ICT Academy, NIT, Warangal

NB: Dr S Nagesh Bhatt, IDRBT, Hyderabad
AJK: Mr Anup J Kelkar, Industry Expert, Nagpur