

**Faculty Development Program on
HADOOP and BIG Data Analytics
in association with E&ICT Academy-NIT Warangal**

Venue: **AGNEL Institute and Design, Goa**

Tentative Schedule

(21-26, May 2018)

Machine Learning with Python (June 1-3 & June 8-10 2018)

Tentative Lecture Schedule

College Name: Dadi Institute of Engineering and Technology, Anakapalle, VSKP

Day & Date	9.00 – 11.00			11.15 – 13.15		13.45 – 15.45		16.00 – 17.00	
01.06.2018 Friday	Registration & inauguration From 8.30 am	Object Oriented Programming with PYTHON: Creating Classes and Objects AJK	Tea Break	Object Oriented Programming with PYTHON: Multithreading, Errors & Exception Handling AJK	Lunch Break	Database Connectivity with PYTHON: Establishing Database Connectivity MySQL, Oracle AJK	Tea Break	Database Connectivity with PYTHON: Performing Database Transactions (Inserting, Deleting, and Updating the Database) AJK	
02.06.2018 Saturday	Basics of Machine Learning NB			Artificial Neural Networks NB		Artificial Neural Networks for Sequence labelling NB		Overview of Machine Learning packages in Python NB	
03.06.2018 Friday	Deep Learning Models NB			Topic Models NB		Aspect Oriented Sentiment Analysis NB		Demo using Python NB	
.06.2018 Friday	Advanced Features of Python SS			Comprehension and Generators SS		Modules, Packages, Standard Python Modules SS		Modules, Packages, Standard Python Modules SS	
09.06.2018 Saturday	Demonstration of Machine Learning package- scikit-learn SS			Demons and hands-on using Machine Learning packages - pandas/NumPy/Bokeh SS		Demons and hands-on using Machine Learning package- Bokeh/Seaborn SS		Demons and hands-on using Machine Learning package- Bokeh/Seaborn SS	TEST
10.6.2018 Friday	Overview of Clustering & Classification RBS			Link Prediction RBS		SVM RBS		PCA RBS	Valedictory Function

SS: Sri Saya Srineevasulu, Industry Expert, Bangalore
RBS: Prof R B V Subramanyam, Head of CSE, NIT, Warangal

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