



GLOBAL ACADEMY OF TECHNOLOGY

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Faculty Development Program

On

“Machine Learning Algorithms & Applications”

23rd Jan-28th Jan 2017

Tentative Schedule

Day 1: Monday, 23 rd Jan 2017		
8:30 AM – 9:00 AM	Registration	
9:00 AM – 9:30 AM	Inauguration	
Time	Programme/topic	Speaker
9:30 AM – 11:00 AM	Introduction to Machine Learning & its applications	Dr. Vijay Srinivasan Director of Technology at SapientNitro, Bengaluru.
11:00 AM – 11:15 AM	Tea-Break	
11:15 AM – 12:45 PM	Incomplete data and Data curation (preparation)	Dr. P Ilango Professor, Vellore Institute of Technology, Vellore.
12:45 PM – 1:45 PM	Lunch	
1:45 PM – 3:00 PM	Dimensionality Reduction Techniques	Mr. Jithendra Lead Technical Architect Continental, Bengaluru.
3:00 PM – 3:15 PM	Tea-Break	
3:15 PM – 4:45 PM	Decision Trees	Dr. Indramma M Professor, CSE Dept., BMS College of Engineering, Bengaluru.

Day 2: Tuesday, 24 th Jan 2017		
Time	Programme/topic	Speaker
9:30 AM – 11:00 AM	Python Programming	Dr. Shyalaja S S Head, Dept. of ISE, PESIT, Bengaluru.
11:00 AM – 11:15 AM	Tea-Break	
11:15 AM – 12:45 PM	Python Programming for Machine Learning	Dr. Shyalaja S S Head, Dept. of ISE, PESIT, Bengaluru.
12:45 PM – 1:45 PM	Lunch	
1:45 PM – 3:00 PM	Mathematics for Machine Learning	Mr. Anantharaman P.N Independent Researcher on Stealth mode, Bengaluru.
3:00 PM – 3:15 PM	Tea Break	
3:15 PM – 4:45 PM	Programming exercise for Machine Learning Mathematics	Mr. Anantharaman P.N Independent Researcher on Stealth mode, Bengaluru.

Day 3: Wednesday, 25 th Jan 2017		
Time	Programme/topic	Speaker
9:30 AM - 11:00 AM	Naïve Bayes Classification & Regression Models	Mr. Karan Sehagal Data Scientist, IBM, Bengaluru.
11:00 AM - 11:15 AM	Tea Break	
11:15 AM - 12:45 PM	Hands on Session - Naïve Bayes Classification & Regression Models	Mr. Karan Sehagal Data Scientist, IBM, Bengaluru.
12:45 PM - 1:45 PM	Lunch	
1:45 PM - 3:00 PM	Support Vector Machine(SVM)	Dr. Punitha P Group Manager & Data Scientists, IBM, Bengaluru.
3:00 PM - 3:15 PM	Tea-Break	
3:15 PM - 4:45 PM	Hands on Session - SVM	Dr. Punitha P Group Manager & Data Scientist, IBM, Bengaluru.

Day 4: Thursday, 26 th Jan 2017		
Time	Programme/topic	Speaker
9:30 AM - 11:00 AM	Neural Networks	Mr. Anantharaman P.N Independent Researcher on Stealth mode, Bengaluru.
11:00 AM - 11:15 AM	Tea-Break	
11:15 AM - 12:45 PM	Hands on Session - Neural Networks	Mr. Anantharaman P.N Independent Researcher on Stealth mode, Bengaluru.
12:45 PM - 1:45 PM	Lunch	
1:45 PM - 3:00 PM	Clustering Techniques	Dr. Dinesh R Chief Engineer, R & D Samsung, Bengaluru.
3:00 PM - 3:15 PM	Tea-Break	
3:15 PM - 4:45 PM	Hands on session - Clustering Techniques	Dr. Dinesh R Chief Engineer, R & D Samsung, Bengaluru.

Day 5: Friday, 27 th Jan 2017		
Time	Programme/topic	Speaker
9:30 AM - 11:00 AM	Deep Learning	Mr. Anantharaman P.N Independent Researcher on Stealth mode, Bengaluru.
11:00 AM - 11:15 AM	Tea Break	
11:15 AM - 12: 45 PM	Hands on Session - Deep Learning	Mr. Anantharaman P.N Independent Researcher on Stealth mode, Bengaluru.
12:45 PM - 1:45 PM	Lunch	
1:45 PM - 3:00 PM	Introduction to Weka Tool for machine learning algorithms	Mr. Pratheek M S CTO,Stride.ai, Bengaluru.
3:15 PM - 3:30 PM	Tea Break	
3:30 PM - 4:00 PM	Introduction to Weka Tool for machine learning algorithms	Mr. Pratheek M S CTO,Stride.ai, Bengaluru.

Day 6: Saturday, 28 th Jan 2017		
Time	Programme/topic	Speaker
9:30 AM - 11:00 AM	Deep Learning using TensorFlow	Dr. Umadevi V Associate Professor, BMS College of Engineering, Bengaluru.
11:00 AM - 11:15 AM	Tea-Break	
11:15 AM - 12:45 PM	Machine learning applications in Automotives	Dr. Avinash N Chief Manager, Continental, Bengaluru.
12:45 PM - 1:15 PM	Valedictory	