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Registration Form

1-Week Workshop on "Machine and Deep Learning with Python"

Full Name : _____

Email Address : _____

Gender : ☐ Male   ☐ Female

Mobile Number : _____

Profession : ☐ Teaching ☐ Industry ☐ Research Scholar

College Name / Organization Name : _____
_____

Affiliated University : _____

Department : _____

Designation : _____

Experience (Years) : _____

Address of College / Organization : _____
_____

City : _____

District : _____

State : _____

Accommodation Required :   ☐ Yes   ☐ No

Date : _____ Place : _____

Signature of the Participant

Signature of Principal /

Head of the Institution with seal

1-Week Workshop on "Machine and Deep Learning with Python"

17-12-2018 to 21-12-2018

Organised by
Department of
Computer Science and Engineering

ACE
Engineering College
An AUTONOMOUS Institution

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DEPARTMENT OF CSE

Report on **"Machine and Deep Learning with Python"** conducted from 17/12/2018 to 21/12/2018 organized by Department of CSE, ACE Engineering College, Ghatkesar, Hyderabad. In association with Bennett University, Leadingindia.ai and NVIDIA Labs approved by AICTE- New Delhi.

Day 1: 17th December 2018

F.N: Session on "Introduction to Python" by Mr.Younus, Technology Trainer, ACE Engineering College, Hyderabad.

Briefly introduced History of Python, Installation, various IDE, Differences between Python 2.x and 3.x.

A.N: Hands-on session on "Python (Juypter Notebook)" by Mr.Younus, Technology Trainer, ACE Engineering College, Hyderabad on different forms of input and output, Mutable verses Immutable objects, List, Arrays. Dictionary, Data Types.

Day 2: 18th December 2018

F.N: Session on "Tree Based Methods" by Dr.P.S.V.S. Sai Prasad, Assistant Professor, HCU, Hyderabad.

Briefly introduced on Tree based methods, Pruning a Tree, Bagging Approach.

Second Session on "Naïve Bayes Classifier" by Dr. K.Adi Narayana Reddy, Lead AI Engineer, NOVA IQ Solutions, Hyderabad.

Covered topics related to Naïve Bayes Classifier with examples and Bayesian Classifier.

A.N: Hands on Session on "Machine Learning Techniques" by Dr. K.Adi Narayana Reddy, Lead AI Engineer, NOVA IQ Solutions, Hyderabad.

Day 3: 19th December 2018

F.N: Hands-on session on "Python (Juypter Notebook)" by Mr.Younus, Technology Trainer, ACE Engineering College, Hyderabad on Numpy and Pandas.

Second Session on "Unsupervised Learning" by Dr. K. Swarupa Rani, Associate Professor, HCU, Hyderabad.

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Covered topics related to K-Means clustering, Evaluation of K-Means Clusters and Expectation Maximization Algorithm.

A.N: Hands-on session on "Text processing" for reading and processing a document by using a DataSet by AppliedAI Solutions, Hyderabad.

Day 4: 20ᵗʰ December 2018

F.N: Session on "AI and Deep Learning Skilling and Research" by Dr.Sunil Kumar Gupta, Professor, CSE, BENNETT University, Noida.

Introduced Objectives, Essential Tools, Features of Deep Learning.

A.N: Hands-on session on improving the model, Validation and Testing by Dr.Sunil Kumar Gupta, Professor, CSE, BENNETT University, Noida.

Day 5: 21ᵗʰ December 2018

F.N: Session on "Convolutional Neural Networks (CNN)" by Dr.Sunil Kumar Gupta, Professor, CSE, BENNETT University, Noida.

Covered topics related to Famous CNN Models, Max Pooling, AlexNet followed by Hands on session on the above.

A.N: Session on "Recurrent Neural Networks (RNN)" by Dr.Sunil Kumar Gupta, Professor, CSE, BENNETT University, Noida.

Covered topics related to RNN Models followed by Hands on session.

Participants:
Mrs.D.Manju, Asst. Professor,CSE
Mrs.M.Lalitha, Asst. Professor,CSE

HOD CSE

G.Narayanamma Institute of
Technology & Science (for women)
Shaikpet, Hyderabad-500104