



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (Dt) - 501 301 TS INDIA
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 17-07-2018

ADDON COURSE REPORT

Name of the Add on Course: Deep learning using Spyder IDE Environment

Day/Duration: 09-07-2018 to 14-07-2018 6(Days) - 36Hrs

Time: 09:00am to 03:30pm

Resource Person: Mrs.B.Geetha Assistant Professor, Dept of CSE, VMTW.

Name of the Coordinator: Mrs. P.Prathima, Assistant Professor, Dept of CSE, VMTW.

Number of the Participants: 74

Topics covered: The following topics covered in this program

- Overview of deep learning, DL Environment setup locally, Installing Tensor flow Installing Keras.
- Defining placeholders, Feeding placeholders with data, Variables, Constant, Computation graph, Visualize graph with Tensor Board.
- Sigmoid function, Hyperbolic Tangent function, ReLu -Rectified Linear units, Softmax function.
- Defining the hyperparameters, Model definition, Building the training loop, Overfitting and Underfitting, Building Inference.

Course Outcomes:

COs	At the end of the course, students will have the ability to:	Pos Mapped	Strength of mapping
CO1	Explain the basic principles behind neural networks and deep learning	PO1	4
CO2	Compare modeling aspects of various neural network architectures	PO2,PO5	5
CO3	Apply and evaluate deep learning on real data sets	PO1,PO3	3
CO4	Implement simple neural network algorithms	PO5	3
CO5	Illustrate the application of the algorithms	PO2	4



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Value added course by Mrs.B.Geetha, Assistant Professor, Department of CSE.

Assessment Procedure: The assessment of the Add on course is conducted in Multiple Choice Questions through offline Mode.

Prathma
COORDINATOR

v. Indira
HOD
Head of The Department
Computer Science and Engineering
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RAJ
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