

DEEP LEARNING



3GIRPS

INSTITUTE OF RESEARCH & POLICY STUDIES
BUILD INDIA TO SERVE THE WORLD

**3G INSTITUTE OF RESEARCH AND POLICY STUDIES
PRESENTS**

GOOGLE AI-DEEP LEARNING

Venue: IIT Madras Research Park
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GOOGLE AI & DL

DAY 1

SESSION – I:

- Introduction to AI & ML
- Foundations : Python, Statistics
- Hands on session in Python programming.

SESSION – II:

- Introduction to NumPy
- Introduction to Pandas
- Hands on session in NumPy and Pandas Libraries.

DAY 2

SESSION – I:

- Introduction to Machine Learning
 - Supervised :
 - ✓ Algorithms
 - ✓ Linear regression – Working principle, Sample program, Use case example, Applications.
 - ✓ Support vector Machine - Working principle, Sample program, Use case example, Applications.

SESSION – II:

- Hands on session in Linear Regression models using Datasets.
- Hands on session in Support Vector Machine models using Datasets.

DAY 3

SESSION – I:

- Introduction to Deep Learning
 - Open CV projects
 - Computer Vision
- Introduction to Tensor Flow
 - Tensor Flow - Working principle, Sample program, Use case example, Applications.

SESSION – II:

- Hands on session in projects regarding Image processing – Face recognition, Object detection.
- Hands on session in Tensor Flow using datasets.

GET IN TOUCH WITH US



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HeadQuarters : IIT Madras Research Park, A Block, 6th floor, Kanagam
Road, 32, Tharamani, Chennai, Tamil Nadu 600113

Course Offered

- Internship
- Google AI
- Python
- Ethical Hacking
- Machine Learning - Deep Learning Workshop

DISCLAIMER : IITMRP does not have anything to do with the event and only the venue has been hired for the said event.