



**SKILL DIPLOMA IN**

**DEEP LEARNING &  
ARTIFICIAL INTELLIGENCE**

## Overview of Program

### ► Deep Learning Foundation

You will learn the basics of deep neural networks (DNN) and implement the same using TensorFlow and Keras. Further you will go through Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN).

### ► Deep Learning Application

You will explore more into deep learning in the domains of Time Series Analysis, Natural language Programming and Computer Vision.

### ► Advanced Deep Learning

You will learn more advance topics and applications of deep learning; Variational Autoencoders, Generative Adversarial Networks (GANs) and Deep Reinforcement Learning.



# THE TIME IS NOW

- ▶ With the AI technologies like Augmented AI, Responsible AI, Generative AI, Composite AI, and AI Assisted Design still at its infancy, deep learning and AI are going to stay hot for at least next five to ten years.
- ▶ The companies like Google, Amazon, Facebook, NVIDIA, Adobe, Microsoft, Uber, and Accenture are hiring skilled AI Engineers with mindboggling salary hikes ( 2 to 3 times the current salaries).
- ▶ They have around 20% positions still vacant.
- ▶ More and more companies are becoming AI ready and thus the number of jobs are also getting increased.

## Benefits of these Courses

- 📖 Comprehensive Curriculum
- 🤝 Collaboration with Jain University
- 🧠 Project Based Learning
- 👥 Dedicated Placement Assistance
- 📄 Job Readiness
- 👤 Mentorship
- 🎓 Immersive Classroom Learning Experience



## INDUSTRY TRENDS

- ▶ An IDC report found three-quarters of commercial enterprise applications could lean on A.I. by next year alone, while an Analytics Insight report projects more than 20 million available jobs in artificial intelligence by 2023.
- ▶ Digitalization will make even more structured and unstructured data available to be leveraged, which will increase the need for more A.I. professionals
- ▶ Companies need someone who is familiar with A.I. and can look at the current problems and identify where A.I. can be applied," he said. "Next, they need professionals who can develop and deploy the A.I. solution whether it be pre-built or a point solution.



## KEY HIGHLIGHTS

- Six months course [200 hours]
- Online/Offline Mode of learning
- Weekday/Weekend Classes
- Extensive Coverage
- Hands-On Programming in Class
- Regular Assignments and Tests.
- Job Readiness
- Capstone Projects
- Mock Interviews
- Optional Cutting Edge Projects [Additional three months, two projects]

## This Course would be suitable for you if:

---

You already have the grasp of data science techniques and is looking to upgrade yourself into cutting edge technologies in deep learning and artificial intelligence.



# On completion of these programs you will:

- ▶ Be able to create your own chatbots
- ▶ Be able to do cutting edge DL projects using TensorFlow and Keras
- ▶ Be able to use transfer learning

## TOP COMPANIES EXPLOITING MACHINE LEARNING



## AI in International Market

- Worldwide AI market revenue revenues are likely to surpass \$300 billion in 2024 with a five-year compound annual growth rate (CAGR) of 17.1 per cent.
- Customer relationship management (CRM) AI applications and enterprise relationship management (ERM) AI Applications are the two largest segments with 20 per cent and 17 per cent share of the AI applications market.

# SKILL DIPLOMA IN DEEP LEARNING & A.I CURRICULUM

## MODULE

- Mathematics for Deep Learning

## MODULE 3

- Deep Neural Networks

## MODULE 5

- Time Series Analysis with RNN and CNN

## MODULE 7

- Generative Adversarial Networks

## MODULE

- TensorFlow and Keras

## MODULE 4

- Deep Computer Vision

## MODULE 6

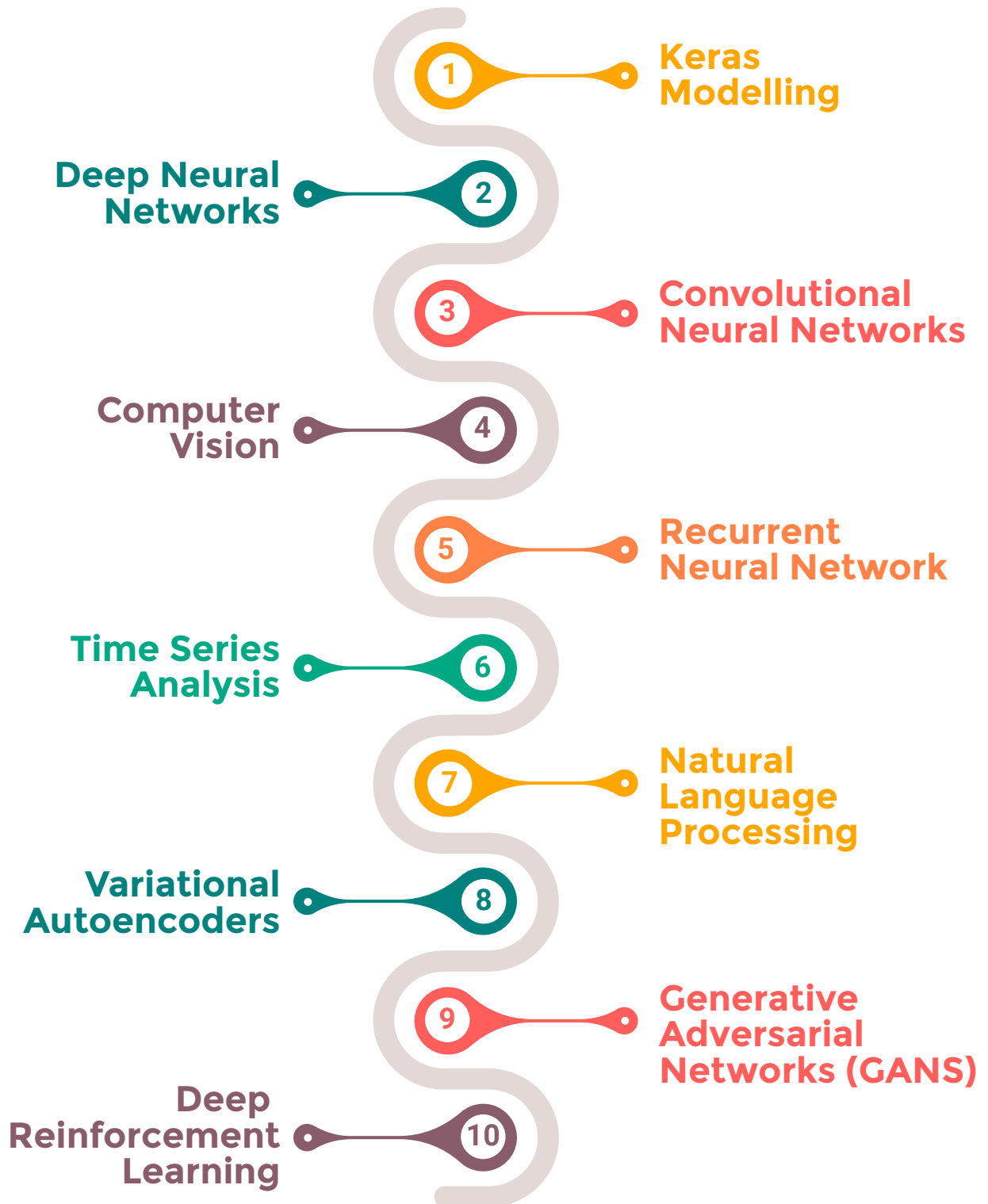
- Natural Language Processing and Attention

## MODULE 8

- Deep Reinforcement Learning

# Learning Path :

## TensorFlow 2.0



# Capstone Projects:

**Traffic  
Sign Classification**

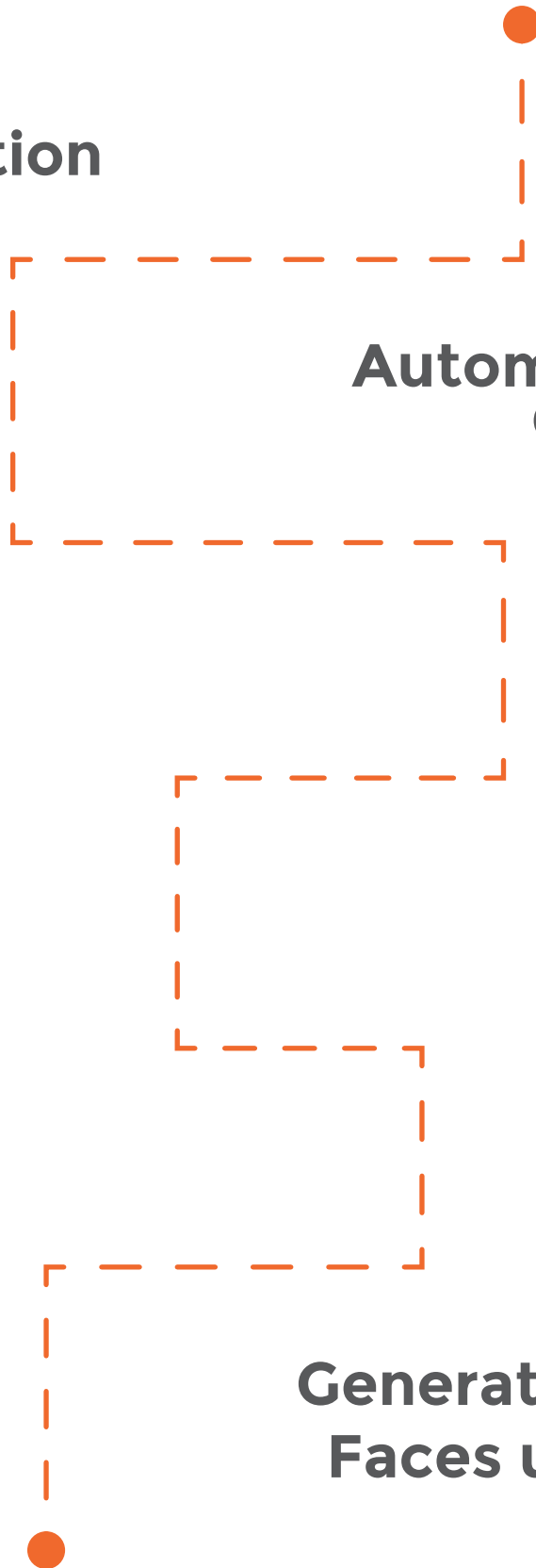
**Automatic Music  
Generation**

**Text  
Summarizer**

**Chatbot**

**Style  
Transfer**

**Generating Human  
Faces using GANs**





# Why Learn Digital Academy ?



Best Professional training institute of Data Science



Both Online/Classroom and Weekday/weekend training



Experts Designed Project based Curriculum



Real Projects with dedicated experts team



One to One doubt Clearing Sessions for analyzing students improvement.



Resume preparation and mock interviews by Senior Data Scientists



Post training support with 100% Placement assistance from Jain University



Certification from Jain University



## PLACEMENT ASSISTANCE:

Learn Digital Academy Provides 100% placement assistance throughout the program to guide and help you get job ready from day 1



### Resume Building

Refine and Polish your resume with expert tips to help you for better job opportunities.



### Interview Prep

Prepare you to face HR and technical Interview rounds with interview Q&A.



### Mock Interviews

One to one mock interviews with industries experts

## ADMISSION PROCESS:

STEP 1- Taking Telephonic interview to know the background of the students.

STEP 2 - If the student is interested in the course He/she will be provided with online or live interactive class to clear his/her doubts about the course.

STEP 3- If student is satisfied with the interaction then they can proceed with enrollment.

## MAP YOUR FUTURE IN

- AI Engineer
- Deep Learning Expert
- Computer Vision Developer
- NLP developer

\* **Scholarship Available**



# ARTIFICIAL INTELLIGENCE IS THE NEXT REVOLUTION

facebook  
5/5 ★★★★★

Justdial  
4.9/5 ★★★★★

Google  
4.9/5 ★★★★★

UrbanPro  
Discover • Learn • Grow  
4.9/5 ★★★★★

**ENROLL NOW!**

Talk to our career counsellors now!

CALL US

**+91-6366370046**

[www.learndigital.co](http://www.learndigital.co)

[info@learndigital.co](mailto:info@learndigital.co)