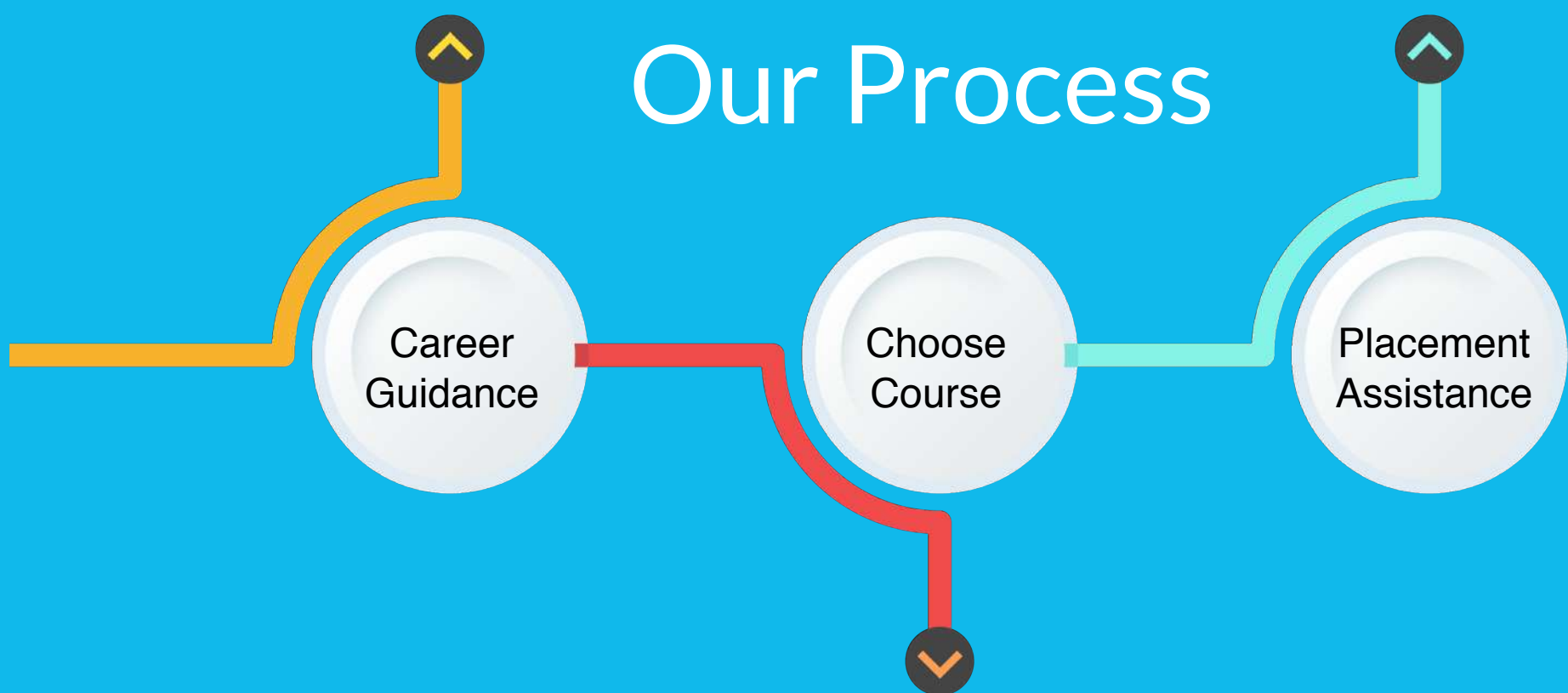# Deep Learning

Digital Lync

Welcome To

Digital Lync

Digital Lync empowers technology seekers by providing world class infrastructure, best quality project based technology education, Research and Development of great products and supports enthusiastic new entrepreneurs.

Expert counsellor advises to match your skills with trending technologies in the industry.

We are a link to your awesome future! We recognize, enhance and present your skills to the coolest companies.

Our Process

Career Guidance

Choose Course

Placement Assistance

You pick and we guide. We mentor you all along and help you throughout your learning process.

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Deep Learning

To put it simply, Deep Learning technologies let you create applications which think like human brains. Deep learning is a subset of a bigger discipline called Machine Learning. The deep learning algorithms create processing units which have multiple layers. The output gets enhanced at every layer. This multi layer platform enables application to process data and observe irregularities.

WHAT YOU NEED TO KNOW

- Complete Python

- Complete Statistics

- Complete Machine Learning

Why Deep Learning

Deep Learning Technology simulates human brain and creates multi-layered system of neurons. These neurons interact with each other and work multi-dimensionally. It is an interesting and rapidly developing field of research. You can bag a prominent role and set up an exciting career.

02

Deep Learning

Curriculum

MODULE 1 :
MATHEMATICAL FOUNDATION

- Linear Algerbra
- Calculus
- Probability

MODULE 2 :
INTRODUCTION

- Perceptrons
- Activation Functions
- Back Propogation Method
- Tensor Flow
- Optimizers
- XOR Implementation

Module 3 :
Convolutional Neural Networks

- Convolutional Operation
- Analog and Digital Signals
- 2D Convolution
- Image Processing Filters
- Components
- Architectures
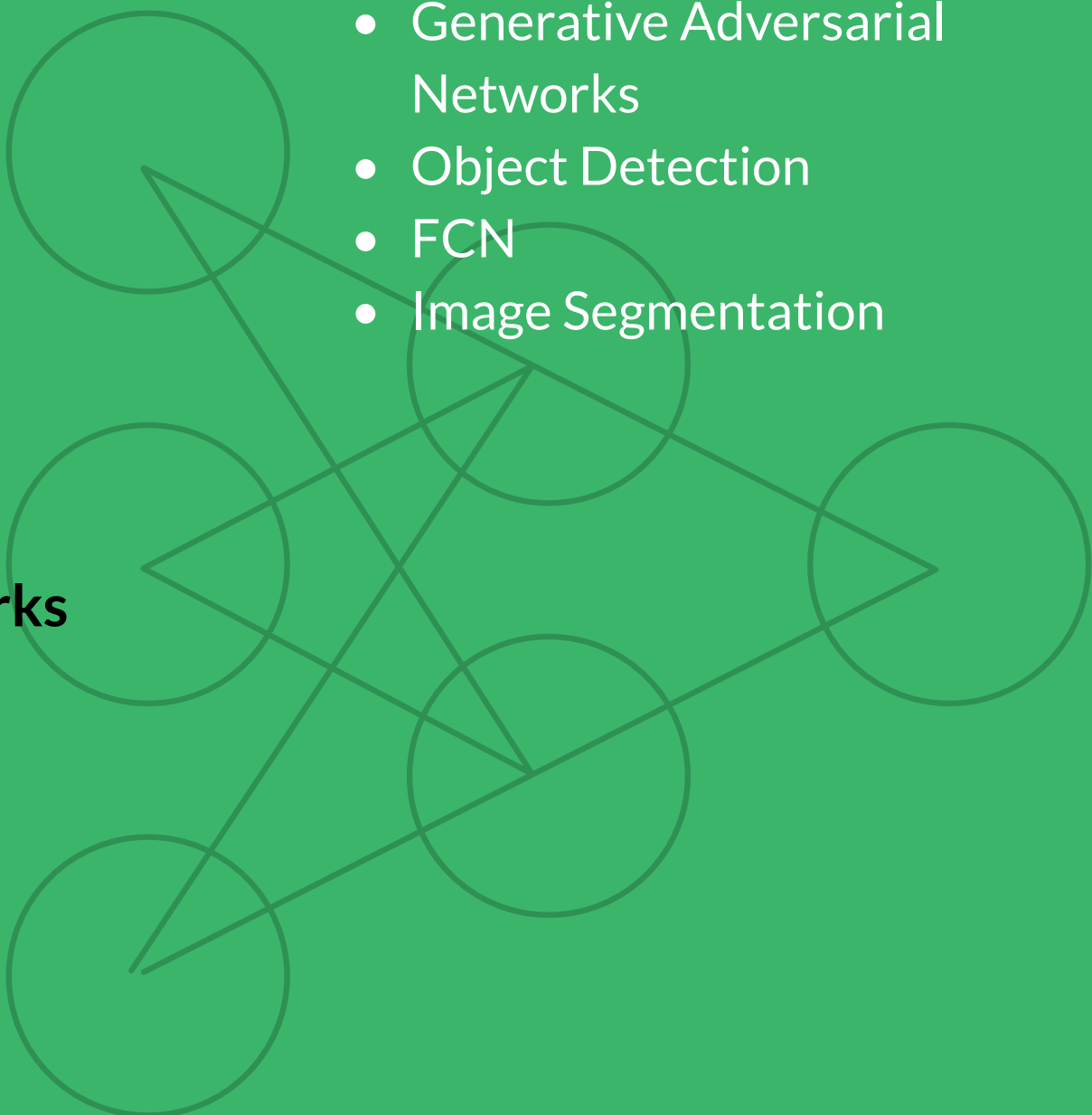
MODULE 4 :
RECURRENT NEURAL NETWORKS

- Vector Space Model
- Word2Vec
- Introduction to RNN
- Vanishing and Exploding Gradients

Module 5 :
Auto Encoders

- Markov Chain
- Boltzman Machines
- Introduction to Auto Encoders
- Kullback-Leibler (KL) Divergence

Module 6 :
Advanced

- Generative Adversarial Networks
- Object Detection
- FCN
- Image Segmentation

Industry Insights

The Global Deep Learning market size was valued at USD 272.0 million in 2016. Increasing applicability in the autonomous vehicles and healthcare industries is expected to contribute to the industry growth significantly. This technology is gaining prominence on account of its complex data driven applications including voice and image recognition. It offers a huge investment opportunity as it can be leveraged over other technologies to overcome the challenges of high data volumes, high computing power, and improvement in data storage.

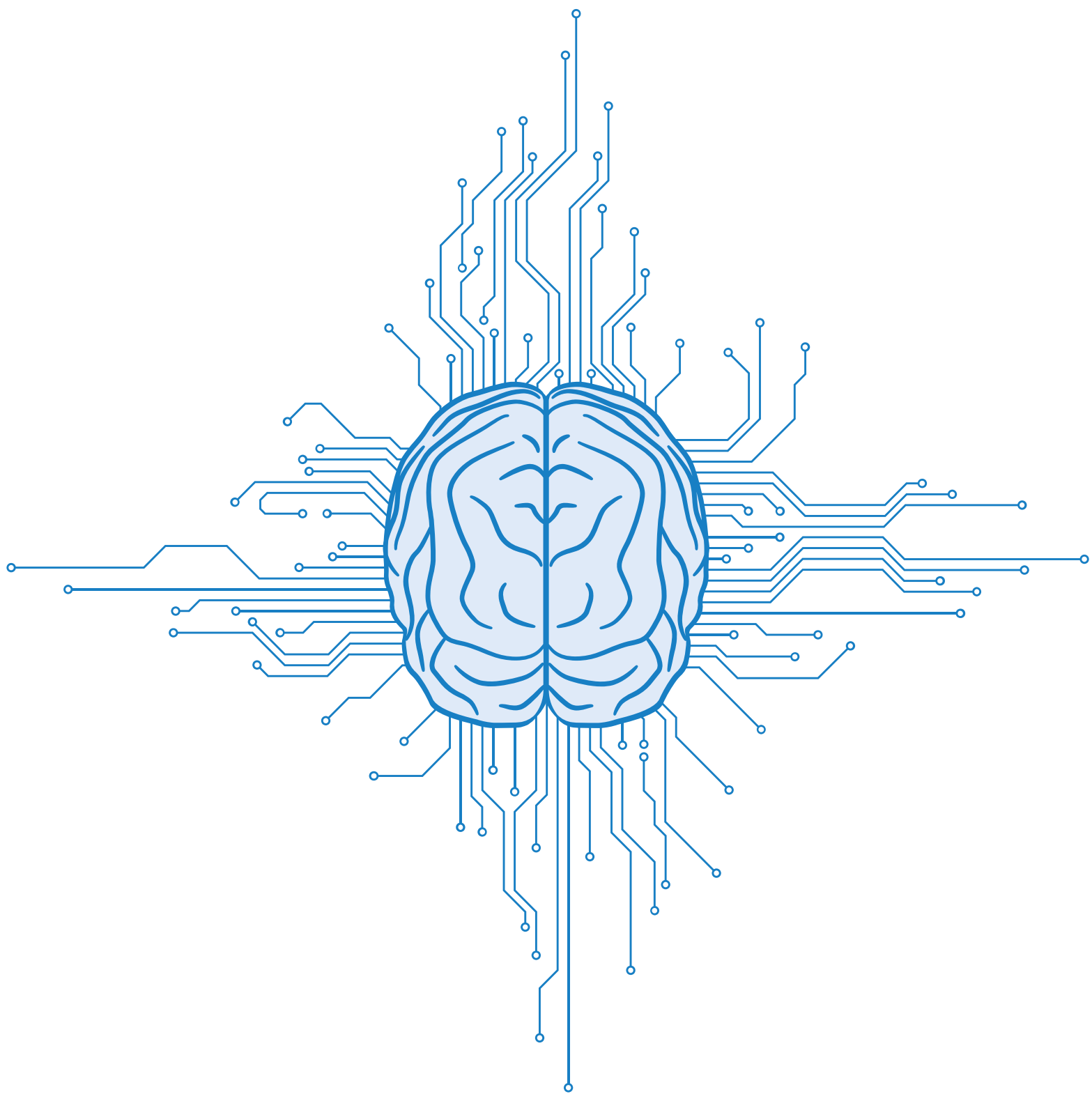# 03

Deep Learning

Project : 1

FACIAL RECOGNITION

How about an app which recognises you and marks your attendance based upon recognising the faces? No need for that old punch and come method. Just show your face and that's enough. Your company recognises each and every employee by face, what else do we want? Work on this cool project with us by applying advanced concepts of Deep Learning and Computer Vision

Project : 2

OBJECT DETECTION

Is traffic giving you nuisance? Are you really getting late for your office, or your date? Well, the best solution is to provide one, than to expect one. Use Deep Learning and OpenCV to tackle this biggest problem. Learn object detection algorithms and their applications.

04

Why

Digital Lync

The Best Trainers

Our developers are our trainers!
Our trainers spend half of their
time on products at our
innovation center.

Online Classes

Our online experiance is as good as
Our in class experience. Our
programs offer end to personal
interaction with students.

We are Commited

We consider your succes to be
ours. Your achivement is our
commitment. We teach until you
learn.

Really Affordable

We believe in a collabourative, cool
and learn friendly environment.
Our promise, is to provide all this
for no additional charge.

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Trending

Technologies

Python
Devops
AWS
Azure (Cloud Computing)
Data Sciences
Deep Learning
Artificial Intelligence
Data Analysis
Big Data
Full Stack
Digital Marketing
Mobile Development
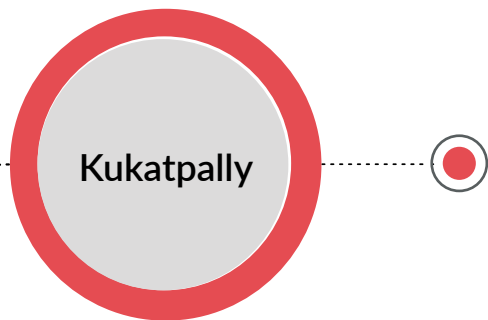Blockchain
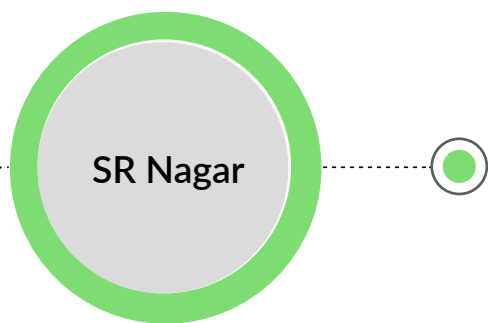Visual Design
Game Development
IOT
Cyber Security

BRANCHES
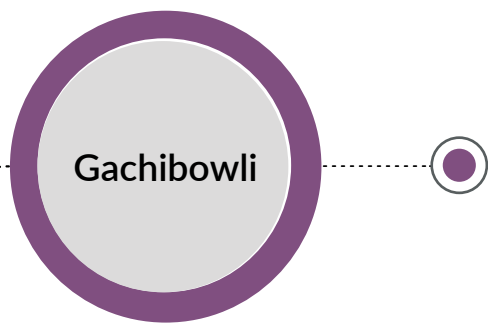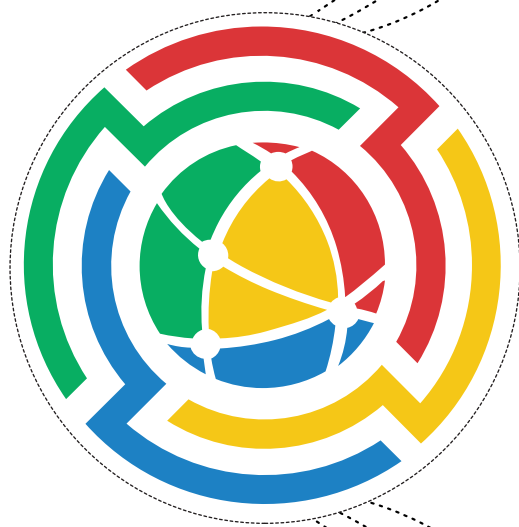
Gachibowli
Khajaguda, Naga Hills Rd,
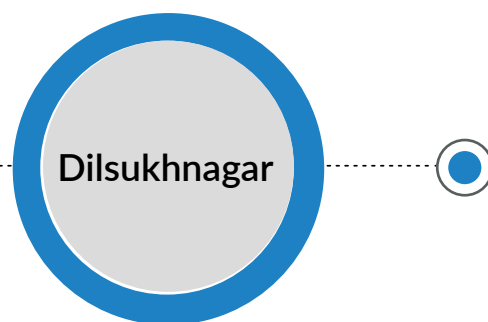Madhura Nagar Colony,
Gachibowli, Hyderabad.

Kukatpally
Manjeera Trinity Corporate,
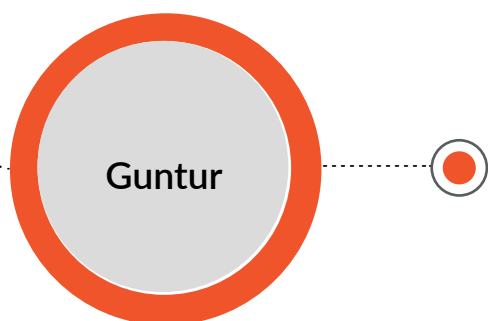1st floor, office no. 106 & 107,
Kukatpally, Hyderabad.

SR Nagar
31/A , Chitti Classics, Adjacent to
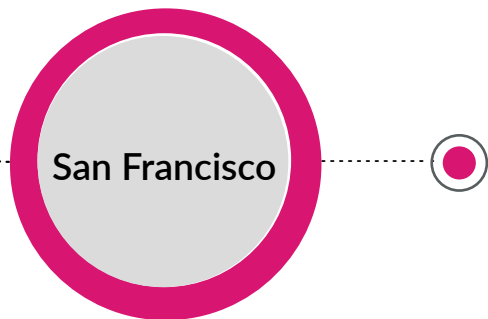SR Nagar Police Station Signal,
Balkampet Main Road,Hyderabad.

Dilsukhnagar
Near Telephone Colony Arch,
Yashoda Speciality Clinic
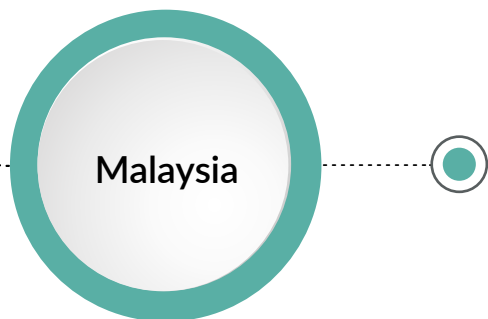Building 3rd floor,
Kothapet, Hyderabad.

Guntur
Emgee House,
Chandramouli Nagar,
Guntur, Andhra Pradesh.

San Francisco
1 Hallidie Plaza,
San Francisco,
California, 94102.

Malaysia
Block E - 815,
Pusat Dagangan Phileo Damansara 1,
Jalan 16/11, Off Jalan Damansara
46350 PETALING JAYA SELANGOR

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