



# Get Hackathon Ready



**Digital Lync**

EDUCATION - INNOVATION - INCUBATION

# 01

# Welcome To

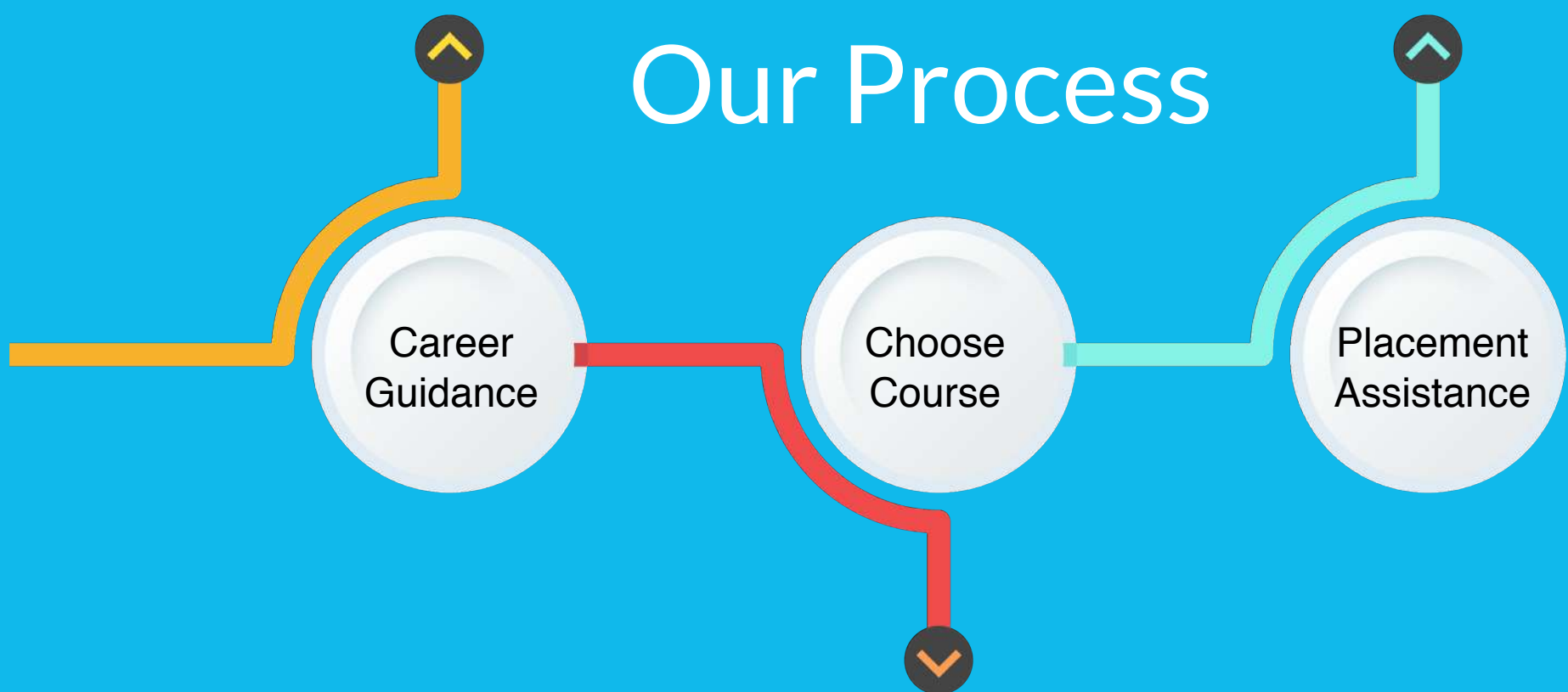
# Digital Lync

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



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

[www.digital-lync.com](http://www.digital-lync.com)



# Get Hackathon Ready

Hackathon is a design sprint-like event in which computer programmers and others involved in software development, including graphic designers, interface designers, project managers, and others, often including subject-matter-experts, collaborate intensively on software projects.

**DURATION: 90+ HOURS**

## WHAT DO YOU NEED TO KNOW

Essential of C Programming

Data Structures And Algorithms

Analytical Ability, Business Communication

Python

Javascript

# Why Get Hackathon Ready

Hackathons are great opportunities to test your capacity of working under pressure, learning to solve problems fast and focus on what's really important. Even if time is not really on your side, at the end you will be amazed at what you've managed to build in such a short period of time. You will now be aware of your capacity and you can objectively rank your coding skills.



# Get Hackathon Ready

## Curriculum

### **MODULE 1:**

#### **ESSENTIALS OF C PROGRAMMING:**

Basics of C programming for IT & Software development.

### **MODULE 2:**

#### **DATA STRUCTURES AND ALGORITHMS:**

Array, linked lists, binary trees, hash tables, graph stacks, queues, heaps, and fundamental data structures.

### **MODULE 3:**

#### **ANALYTICAL ABILITY:**

Analyse information, problem solving, make decisions.

### **MODULE 4:**

#### **BUSINESS COMMUNICATION:**

Effective communication, write effective business documents

### **MODULE 5:**

#### **PYTHON:**

Variables & Data types, conditional statements, control flow, lists, sets

### **MODULE 6:**

#### **JAVA SCRIPT**

Variables, operators, functions, events, loop control, syntax.

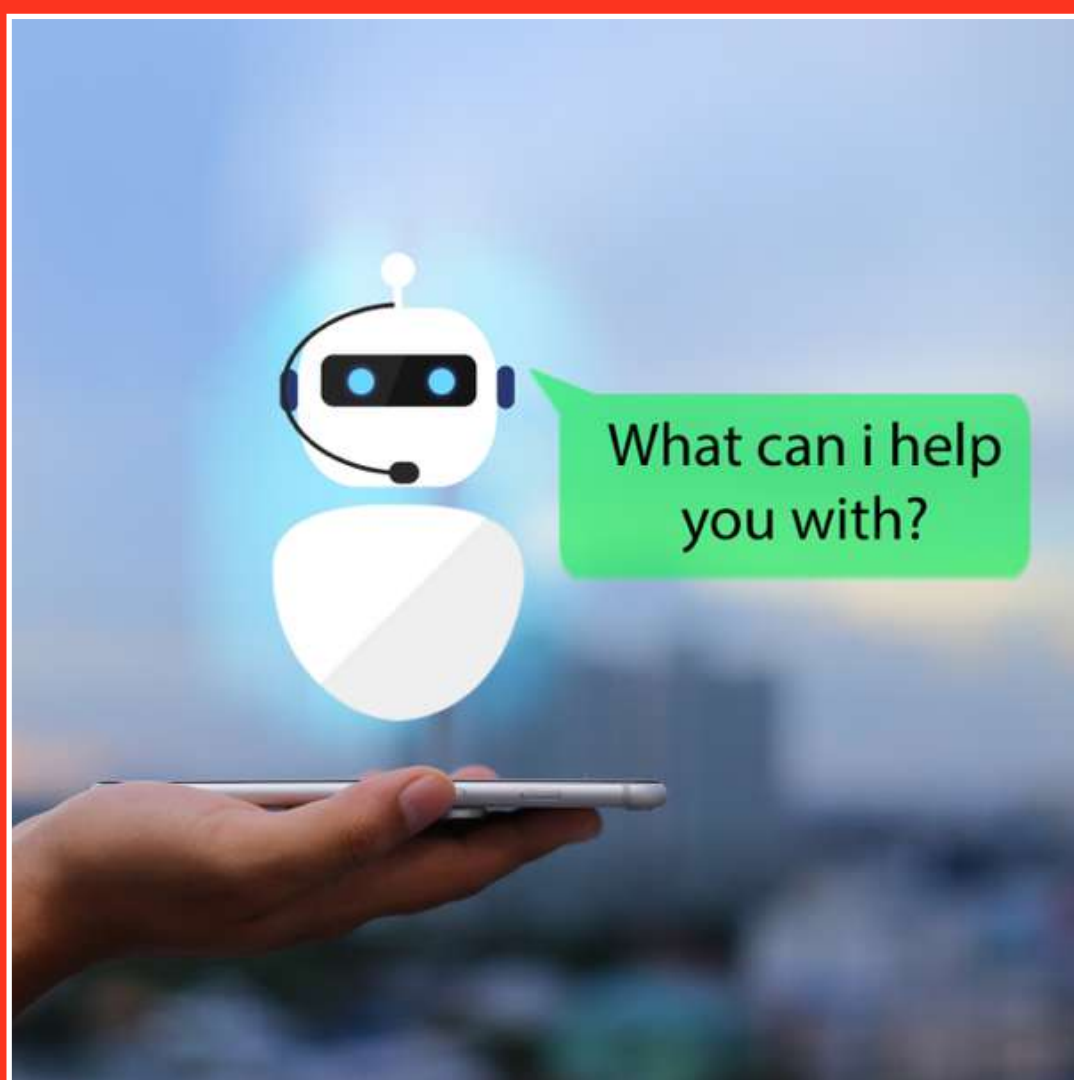
# 03

# Get Hackathon Ready

## Project: 1

### CHATBOT

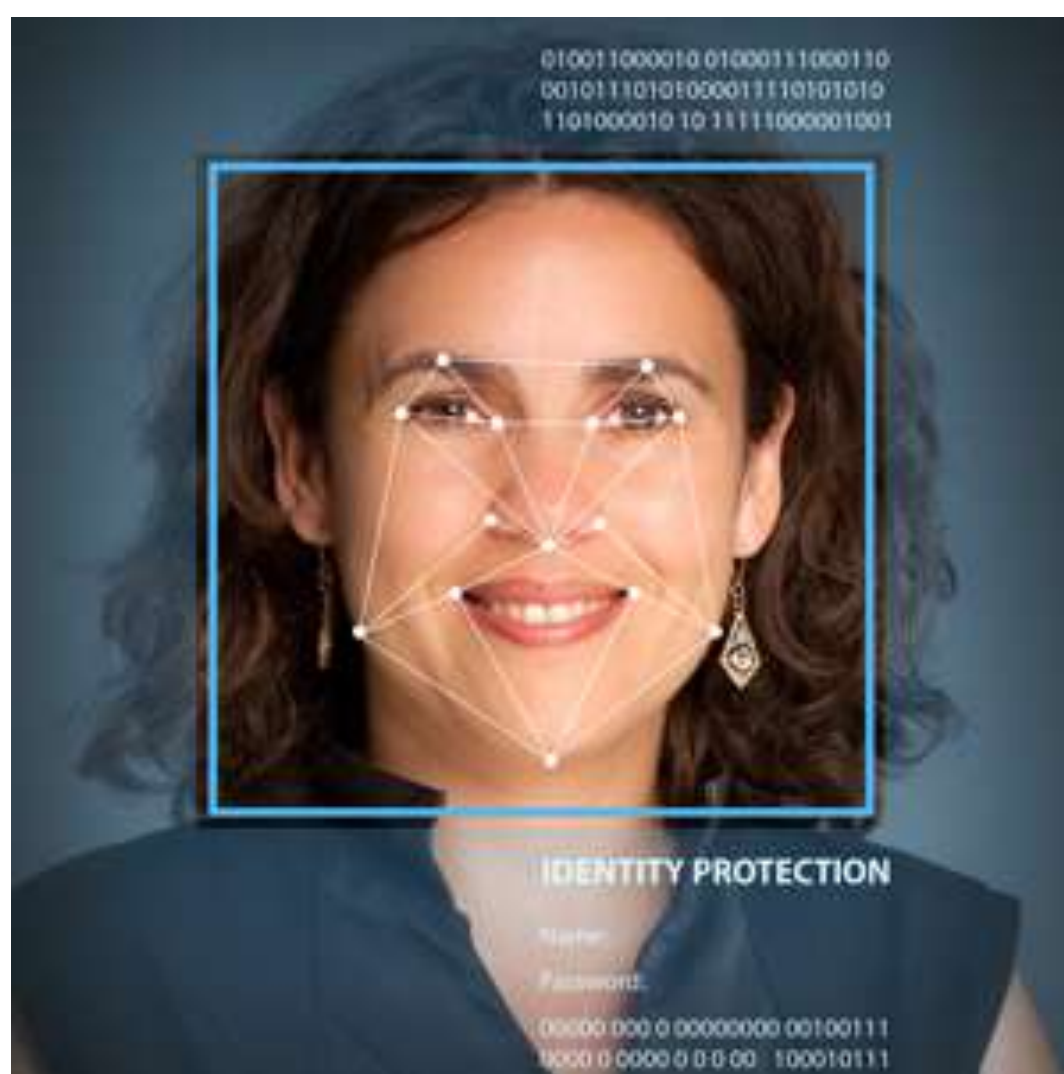
Do you know Digital Lync has its own Chatbot? Yes, almost all the tasks inside the hub is handled by our virtual assistant named 'DH-Bot'. Do you want to know how actually it works? Get Hackathon Ready will let you explore all the modules inside the chatbot and help you make your own personal chatbot using Python.



# Project: 2

## FACIAL RECOGNITION

How about an app which recognises you and marks your attendance based upon recognizing 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



# 04

## Why

# Digital Lync



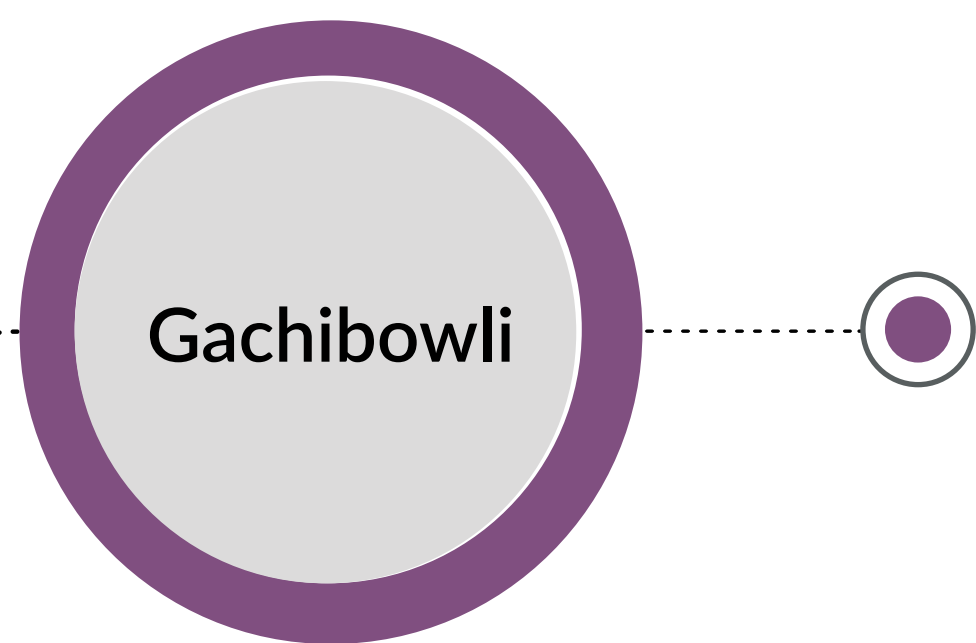
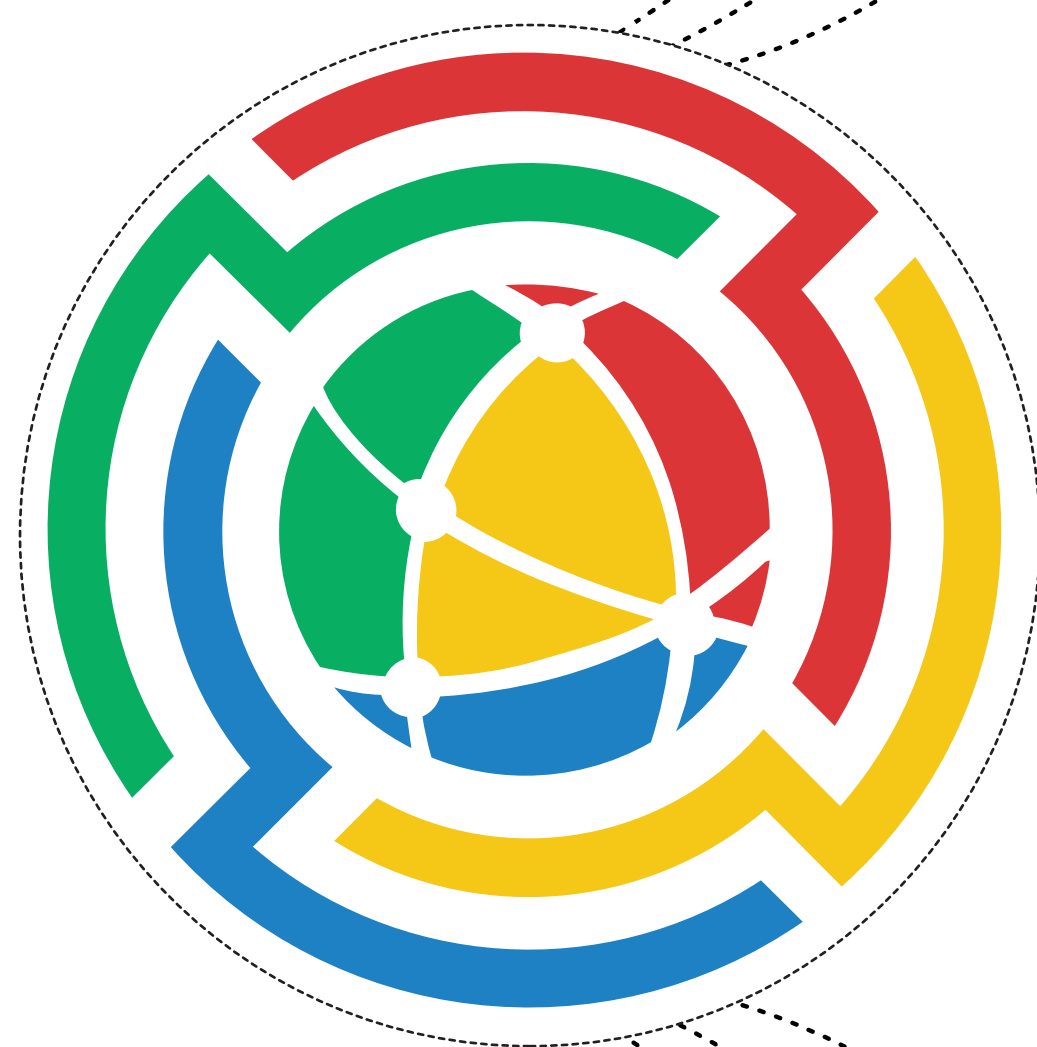
# Trending Technologies

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

DL



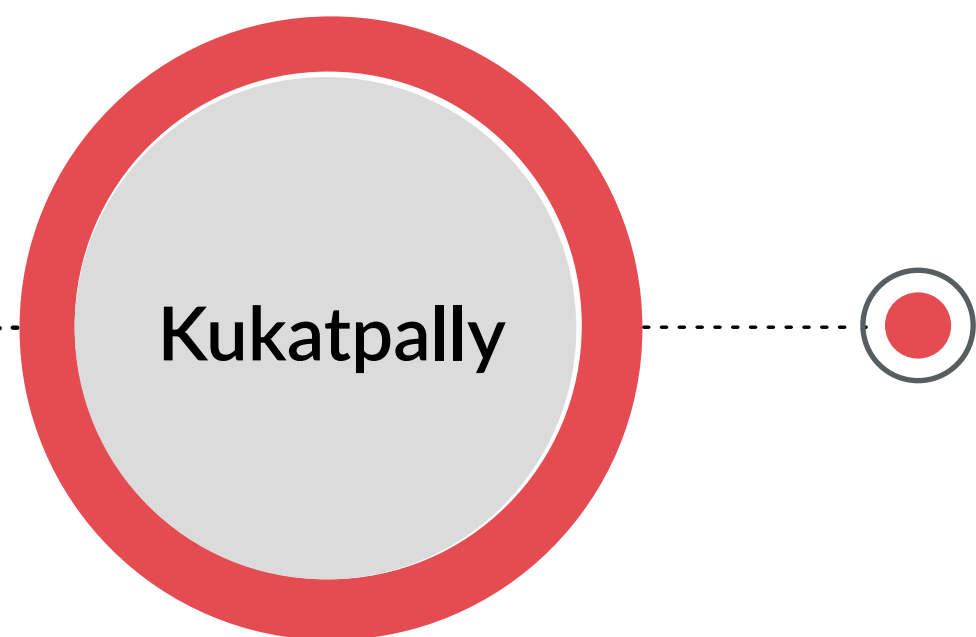
# BRANCHES



Gachibowli

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

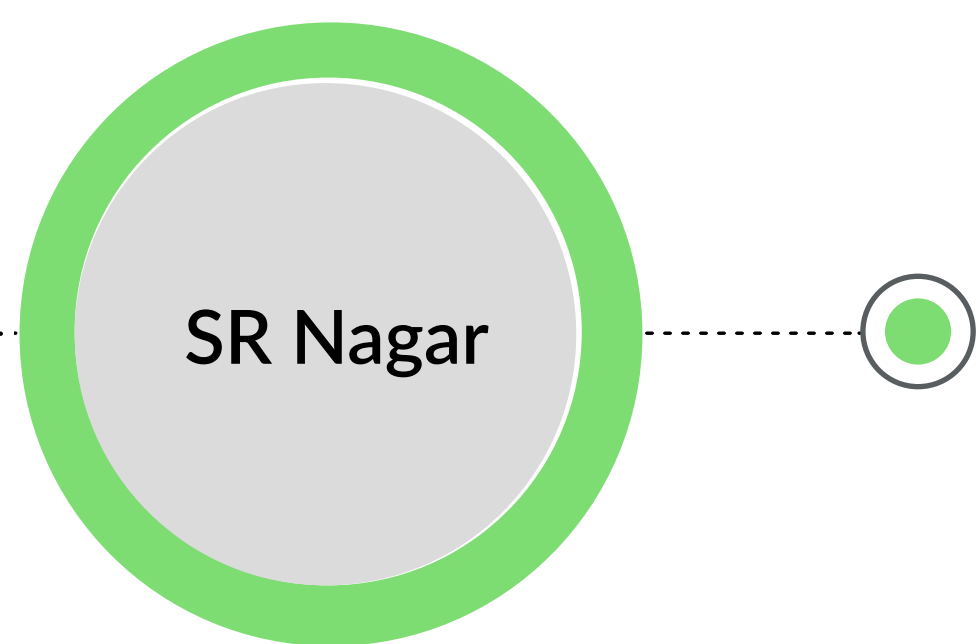
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Kukatpally

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

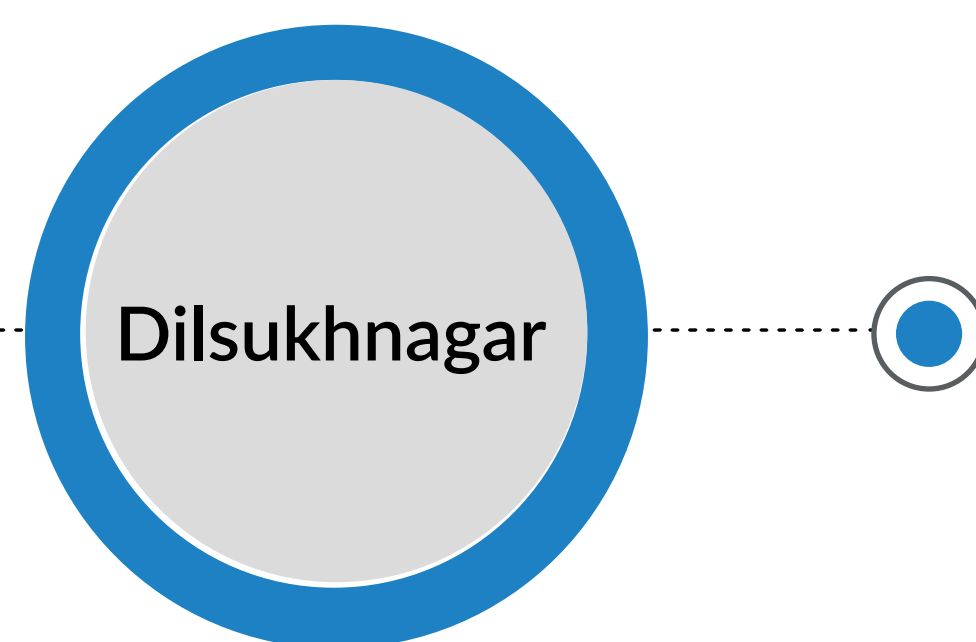
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SR Nagar

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

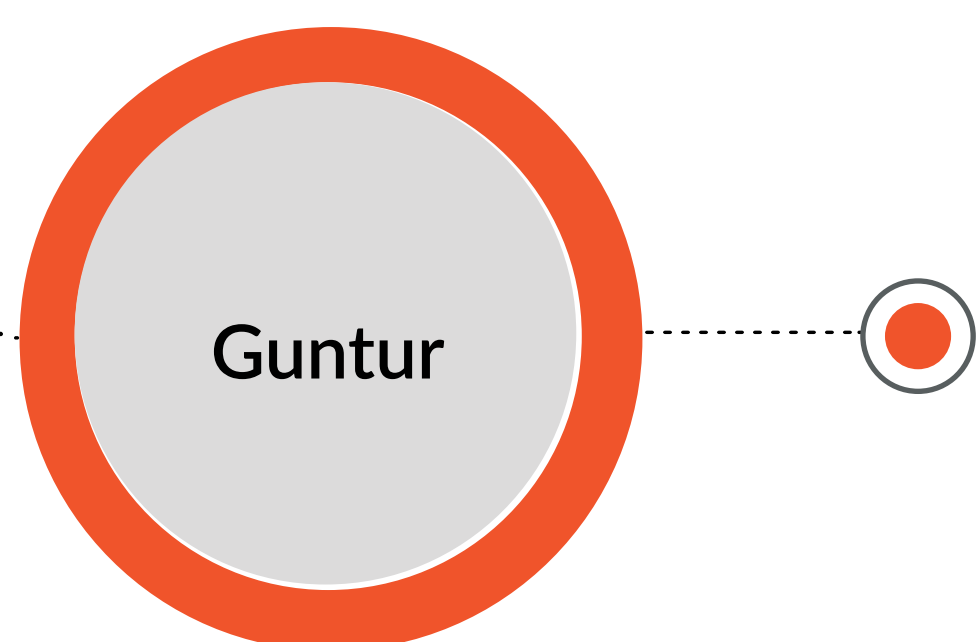
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Dilsukhnagar

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

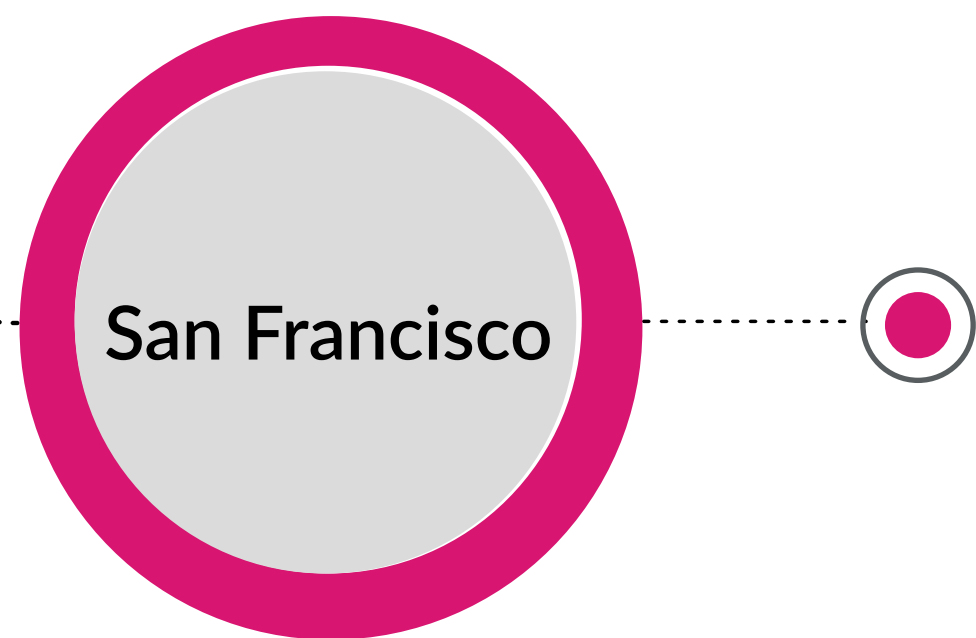
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Guntur

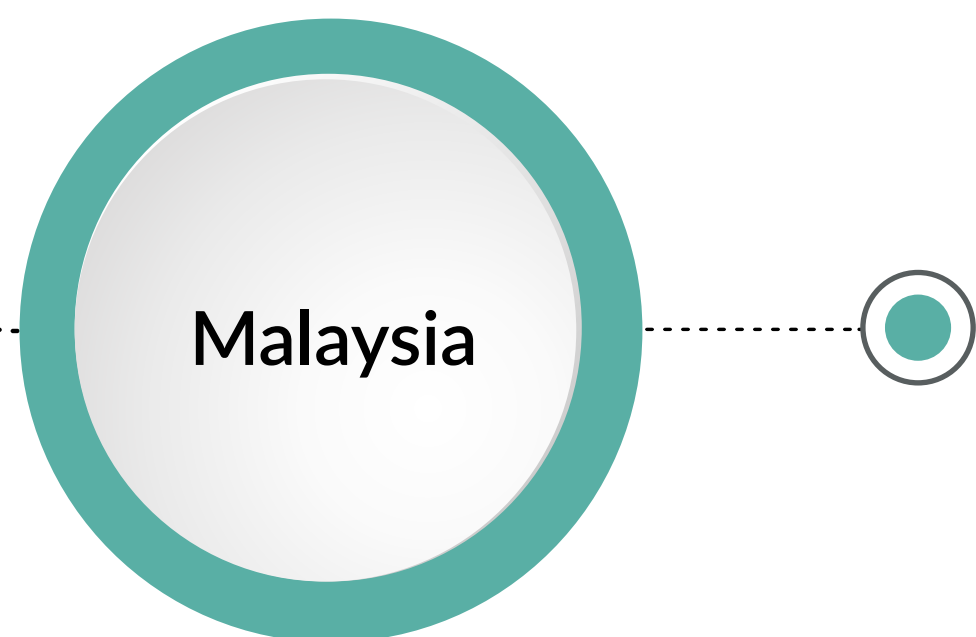
Emgee House,  
Chandramouli Nagar,  
Guntur, Andhra Pradesh.

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