

# Vinay Narlagiri

## Graduate Engineer

Seeking for an opportunity in a reputed organization irrespective of domain and stream



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## EDUCATION

### X

St. Gabriel's High School

2014

95%

### XII

Narayana Junior College

06/2014 – 05/2016

97.7%

### B.Tech

IIITDM Kancheepuram

06/2016 – 06/2020

80%

## PROJECTS

### Major Project

- Developing a MILP model for a closed-loop supply chain management of a FLASHLIGHT. Objective of this project is to optimize the total cycle cost of the product.

### Minor Project

- Designing a hybrid monkey search algorithm for flow-shop scheduling so as to minimize the total make span and flow time of the product.

### Solar Grass Cutter

- Manufacturing a new level of solar grass cutter with the help of arduino using ultra-sonic sensors and servo motors.

### Enhancing Water-Level

- Water-level indication of a water/flower pot where a message will be sent to a particular mobile for caution using dht11 sensor interfacing with arduino.

### Industrial Hammer

- Manufacturing of an hammer made up of aluminium using several lathe machine operations with greater toughness and strength

## WORK EXPERIENCE

### Internship

Ford Motor Pvt. Ltd

05/2019 – 08/2019

Chennai

Task

- Digital Factory Engineering

### Internship

RLE INDIA Pvt. Ltd

08/2019 – 10/2019

Chennai

Task

- Reverse Engineering

## SKILLS

Autodesk Inventor

Python

Catia

C

DBMS(MySQL)

CNC Programming

Solidworks

Navisworks

AutoCAD

AutoCAD MEP

Teamcenter Vismockup

Autodesk alias Speedform

Fusion360

Autodesk Sketchbook Pro

IoT

labVIEW

Datastructures & Algorithms

Arduino

GAMS

WireShark

PuTTY

CAD/CAM

MATLAB

ANSYS

Worked on Ubuntu OS

ThingSpeak

MS Excel

Supply chain

Embedded Systems

Programming Tiva-c board

All Lathe machine and Manufacturing Operations

## ACHIEVEMENTS

### Abacus (2007 – 2009)

Won 3rd prize in All India Abacus Competition held in between 2009-10.

### Vedic Maths (2009 – 2010)

Won 1st place in school level vedic maths competition held in 2010.

### QMS club core in college (2018 – 2020)

Quality Management Services is one of the main club in IIITDM kancheepuram and worked as club head for 2 years.

### Workshops and events organiser in IIITDM (2016 – 2020)

Organized and participated in many events and workshops in the college during my four years.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

Telugu

Native or Bilingual Proficiency

Tamil

Elementary Proficiency

## INTERESTS

Volunteering

Crossword puzzles

Reading novels

Gaming

Music

Travel

Movies

Sports

Yoga

Networking with people