

# M.R.Praneeth

Department of Mechanical Engineering

NITK Surathkal

Date of Birth: 15th June 1999

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## EDUCATION

### New York University

M.S. in Mechanical engineering 2021-2023 | CGPA:3.77

### National Institute of Technology, Surathkal

B. Tech in Mechanical Engineering, 2016 - 2020 |CGPA: 7.94

## EXPERIENCE

### Qiskit Global Summer School

July 2020-August 2020

Studied about Quantum Computing and participated in labs and Final Project

### Steel Plant, Visakhapatnam - Industrial Training

DECEMBER 2018

Worked in Machine works and repairs Department

### Steel Plant, Visakhapatnam- Industrial Training

DECEMBER 2017

Studied working of steam turbine and blower house

## SKILLS

AutoCAD, Matlab, Lab view, C, C++, Python, Machine Learning, Deep Learning, M.S. Office, Ansys, etc

## STRENGTHS

Dedication, Hard work, Patience

## INTERESTS

Watching films, Reading books, Listening to Music, and Writing Short Film Stories

## PROJECTS

### Post-Earth Quake inspection of Railway viaducts using deep learning

under Dr.chen feng

- We use Tōkaidō dataset for this project, which contains synthetic images of viaducts. And used unet architecture for getting suitable results

### Functional fatigue of shape memory alloy

Under Dr. S. M. Murigendrappa July 2019-May 2020

- Worked to investigate the functional life of an SMA alloy using functional fatigue setup

### Analysis of N Queens Problem Using a Genetic Algorithm -Mini Project

Under Dr.N.Gnanasekharan July 2019 - Dec 2019

- Using a Genetic Algorithm, we designed an optimized solution to analyze the total possible solutions of N queens Problem for different NxN values

### Design of Pedal Operated Sprayer with Pump

Under Dr. Sharanappa Joladarshi March-May 2018

- Made working model and increased the mechanical advantage of the device

## ONLINE COURSES

### Deep Learning Nanodegree

- Udacity Jan 2021

### Qubit x Qubit : Intro to Quantum Computing

- The coding School Sept 2020-May 2021

## ACTIVITIES

**Member** -SAE Club

**Executive Member** - Photography Club

**Executive Member** - Task Force

