

# YASH NAGRE

## Electrical and Electronics Engineer

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📍 Aurangabad, India

in linkedin.com/in/Yash-Nagre

## EDUCATION

B.Tech in Electrical and Electronics Engineering

**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY**

📅 June 2017 – Present

📍 Nagpur, India

12th standard, 85%

**Deogiri college of science**

📅 Feb 2016 – June 2017

📍 Aurangabad, India

SSCL, 93.5%

**Anant Bhalerao Vidya Mandire**

📅 Feb 2014 – June 2015

📍 Aurangabad, India

## ACHIEVEMENTS

- Placed in top 24 in Aurangabad district chess competition
- City level runner up in TATA maharashtra level essay writing competition
- Winner at Aurangabad drawing competition 2008

## SKILLS

MATLAB, MULTISIM, CCS, EAGLE, DPS  
SOLIDWORKS, Adobe photoshop, Arduino



## COURSES

Electric Power system Specialization

**Coursera**

📅 June 2019 – Aug 2019

Power Electronics Specialization

**Coursera**

📅 Aug 2019 – Sep 2019

Control of Mobile Robotics

**Coursera**

📅 May 2019 – June 2019

Understanding Financial Markets

**Coursera**

📅 Jan 2019 – Mar 2019

## PROJECTS

### Boost Converter Designing

- Developed boost converter which steps up 24V to 50V with efficiency of 80%.
- Added variable frequency feature to PWM pulses from 20kHz to 2000kHz.
- Simulated on PSIM and MULTISIM.

### Gas Insulated Switchgear Study Project

- Under SIEMENS Ltd. did study project on 245kV gas insulated switchgear.
- Studied manufacturing and working of 8DN9 type switchgear model of SIEMENS Ltd.

### Quadruped Robot Designing

- A robot which can implement dog like movement and able to walk and run on different terrains.
- Made using 8 servo motors, simulated on MATLAB simulink, designed on SOLIDWORKS and printed 3D designed parts.

### Line Following Robot

- A robot which follows a certain marked path and take turns according to the path is built
- using two IR sensors to sense direction, coded on Arduino Uno

## INPLANT TRAINING

Industry Visitor

**Khaparkheda Thermal Power Plant**

📅 Dec 2018 – Dec 2018

Inplant Trainee

**SIEMENS Ltd. Waluj**

📅 June 2019 – July 2019

## EXTRA CURRICULAR

- Club Manager at Entrepreneurship Cell, VNIT.
- Campus Ambassador at IIT Bombay TechFest 2018.
- Alumni secretary at Electrical and Electronics department, VNIT.
- Batch representative at Electrical and Electronics department, VNIT.
- Member at Innovations lab, VNIT.
- Student Volunteer at Startup yatra 2019.