

EDUCATION

Study Program

AJAY KUMAR GARG ENGINEERING COLLEGE
GHAZIABAD, UP, INDIA

2015 – 2019

61.4 %

B.TECH

- MECHANICAL ENGINEERING

WORK EXPERIENCE

TRAINING ON PLC, PNEUMATIC AND HYDRAULIC

BOSCH GHAZIABAD

07/2017 – 04/2018

GHAZIABAD

AKGEC SKILLS FOUNDATION

TRAINING ON PLC , INDUSTRIAL SERVO AND HMI

Mitsubishi Electric India Private Limited
GURUGRAM

3-4 DAYS WORKSHOP ORGANIZED FOR MITSUBISHI ELECTRIC CUP COMPETITION

INDUSTRIAL SENSORS

ADVANCE INTEGRATED AUTOMATION (AIA LAB) AKGEC SKILLS FOUNDATION

07/2018 – Present

GHAZIABAD

HERE I WORKS ON INDUSTRIAL SENSORS AND INTEGRATED THEM WITH OTHER DEVICES

3D PRINTER'S BODY DESIGNER USING FAB LAB

RESEARCH AND INDUSTRIAL CONSULTANCY CENTER (RICC) AKGEC GHAZIABAD

Fab Lab is the educational outreach component of MIT's CBA, an extension of its research into digital fabrication and computation.

SKILLS

SOLIDWORKS

ANSYS

MATLAB

HMI

PLC

INDUSTRIAL SERVO DRIVES

INDUSTRIAL SENSORS

FUSION 360

SIMULINK

MBD

SKETCHBOOK PRO

Entrepreneurship

numerical analysis using matlab

MATHEMATICS

Pneumatic & hydraulics

CFD & FEA

DIGITAL MANUFACTURING

MODERN MACHINES

PERSONAL PROJECTS

(1) Mathematical modeling of hydrodynamic spinddle (01/2018 – Present)

- with the collaboration of Micromatic Grinding Technologies Limited
- Technology - MATLAB and ANSYS

(2) SMART INSPECTION BASED SHORTING SYSTEM (2018)

- INDUSTRIAL LEVEL PROJECT FOR MITSUBISHI ELECTRIC CUP 2017
- NATIONAL LEVEL AUTOMATION COMPETITION

(3) SELF GUIDED RETRIEVAL SYSTEM (2019)

- INDUSTRIAL LEVEL PROJECT FOR MITSUBISHI ELECTRIC CUP 2018
- NATIONAL LEVEL AUTOMATION COMPETITION

(4) AEROBATIC RC ALUMINUM BODY AIR PLANE

- It was our failing, which we learnt lot about airfoil, flight center, calculation required for airplane .

(5) gear designing and calculation for wall clock

(6) A 6 bar engine that can switch to mode power or mileage

- Technology and analysis - 3d printing , kinematic link synthesis analysis
- 60 DAYS
- TECHNOVATION 2018

CERTIFICATES

MITSUBISHI ELECTRIC CUP

INDUSTRIAL AUTOMATION COMPETITION

BOSCH REXROTH

AUTOMATION TRAINING

TECHNOVATION

NATIONAL LEVEL COMPETITION