# ASHUTOSH TITORIA

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### EDUCATION

### Study Program

AJAY KUMAR GARG ENGINEERING COLLEGE GHAZIABAD, UP, INDIA

61.4 %

- 2015 2019 B.TECH
- MECHANICAL ENGINEERING

### WORK EXPERIENCE TRAING ON PLC, PNEUMATIC AND HYDRAULIC BOSCH GHAZIABAD

07/2017 – 04/2018 AKGEC SKILLS FOUNDATION

GHAZIABAD

### 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

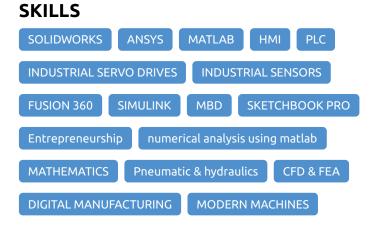
#### GHAZIABAD

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.



### **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