



DOB: 08<sup>th</sup> MARCH 2000

Gender: Male

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## TECHNICAL SKILLS

- Manufacturing Skills and CAD/CAM  
(Lathe, drilling, CNC part programming)
- Additive Manufacturing (Intermediate level)
- Reverse Engineering and 3D Scanning
- SOLIDWORKS (Intermediate level)
- AUTOCAD (Beginner level)
- ANSYS, Analysis Software (Beginner level)
- Materialize Magics (Intermediate level)
- Python (Beginner level)
- Metrology/Inspection
- Proficient in MS Office

## AWARD & CERTIFICATION

- Achieved 2<sup>nd</sup> Position in Innovative Product Design Exhibition, IIDECCET
- COURSERA CERTIFICATE
  - Introduction to Mechanical Engineering design and manufacturing with FUSION360
  - Innovation Through Design: Think, Make, Break, Repeat
  - Energy Production, Distribution & Safety
- CSWA-Additive Manufacturing
- CSWA - Mechanical Design
- Awarded for Event Organizer of NSS CAMP2020

## Language

English ●●●●●

Hindi ●●●●●

# HIMANSHU BISHT

## Career Objective

Engineering and management individual seeking a position with your prestigious and growth-oriented organization so that I may use my abilities and resources to contribute to the company's success and further my knowledge and skills by learning new things.

## EDUCATION

**B.E (Mechanical Engineering) | (2017 - 2021)**  
 Chandigarh College of Engineering & Technology,  
 (CCET) Sector 26, Chandigarh (UT) **8.11 CGPA**

**Class XII | (2015-2017)**  
 Ajit Karam Singh International Public School,  
 Sector 41, Chandigarh (UT) **77.6% in CBSE Board exams**

**Class X | (2003-2015)**  
 Ajit Karam Singh International Public School,  
 Sector 41, Chandigarh (UT) **76% in CBSE Board exams**

## EXPERIENCE

**Junior Mechanical Engineer| ENGLABS (DEC,2021 – DEC,2022)**  
 Quality Control and Inspection; Production supervisor; 3D Scanning; Build preparation of components produced on Multi Jet Fusion 3D Printer

**Intern in Quality Department| PRITIKA (JAN 2021 – JUN 2021)**  
 6 Months Industrial Training in Quality and Inspection Department

**Project Associate| CCET (DEC 2019 – FEB 2020)**  
 Fabrication of Automatic puzzle parking system and 3D printing of specific parts. Responsible for build preparation of components produced on FDM Raise 3D Printer using Ideamaker software

**4 Week Industrial Training| NITTTR (JUNE 2019 – JULY 2019)**  
 Basic knowledge of Metrology, CNC Machining, CAD and Additive Manufacturing.

## PROJECTS & PATENT

**Project Associate | CCET (Degree Wing) (DEC 2019- FEB 2020)**  
 Fabrication of Automatic puzzle parking system and 3D printing of its components

**IPD PROJECT** **Rocker Bogie Mechanism – 2018**  
**7<sup>th</sup> Sem Minor Project| Automated Self-Propelled Water Trash and Oil Skimmer**

**8<sup>th</sup> Sem Major Project|**  
**-Effect of micro-geometry of cutting insert on its machining performance using FEA**  
**-Geometric design optimization of carbide cutting insert using FEA**  
**-Optimization of machining parameters and tool wear analysis of coated carbide inserts using FEM**

**TOP LOADING STAPLER | Patent IN 202011041590; IN 335700-001**  
**DEPTH THREAD PLUG GAUGE | Patent IN 346385-001**

## INTEREST

