



## HIMANSHU BISHT

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### CAREER OBJECTIVES:

In search of a challenging position in your reputable growth-oriented company to use my skills and tools that can contribute to the company's growth while having the opportunity to further develop my own skills and broaden my knowledge by learning new things. Highly motivated and dedicated individual with engineering, management, and technical backgrounds.

### KEY SKILL AREAS:

#### Area of Interest

- ⇒ Manufacturing/ Production Department.
- ⇒ Quality and Inspection Department.
- ⇒ Supply Chain/Logistic/Procurement Department
- ⇒ Design / CAD Department.

#### Skills

- ⇒ Process Planning
- ⇒ Manufacturing Operation
- ⇒ Additive Manufacturing
- ⇒ Manpower handling
- ⇒ Process Improvement's
- ⇒ Quality Management
- ⇒ Process Management
- ⇒ Reverse Engineering and 3D Scanning

#### Technical Skills

- ⇒ Microsoft Office- Excel, Word, Power Point *(Intermediate level)*
- ⇒ Solidworks *(Intermediate level)*
- ⇒ Materialise Magics *(Intermediate level)*
- ⇒ Minitab *(Beginner level)*
- ⇒ Python *(Beginner level)*
- ⇒ Blender *(Beginner level)*

### CAREER EXPERIENCE AND INTERSHIPS:

#### Designation

#### Organisation name

#### Period

#### Job Responsibilities

#### ➤ Junior Mechanical Engineer

#### ➤ ENGLABS Limited (Panchkula, Haryana, India)

#### ➤ 2<sup>th</sup> Dec, 2021 – 2<sup>th</sup> Dec, 2022

- Model design – worked on internal project regarding eyeglasses, Syed-Neblett Template and Room chandlers and lamps
- Reverse Engineering and 3D Scanning – Scanned a Toy train model with the help of Leo scanner and a car gear knob with the help of Spider Scanner.
- Production planning – Make preparation of build using materialise magic keeping the client project and their deadline in mind. Overview of maintenance of HP MJF 4200 3D Printer and contact with HP Support Engineer for any Technical error or part support.
- Process Flow management – Make sure of the deadline and remove choke in the post processing of the parts/batch.
- Quality Control and Inspection – Make sure the parts are in good quality and customer gets a smooth finishing surface.

<b>Designation</b>	➤ <b>Intern in Quality Department</b>
<b>Organisation name</b>	➤ <b>PRITIKA</b> (Sahibzada Ajit Singh Nagar, Punjab, India)
<b>Period</b>	➤ <b>4<sup>th</sup> Jan, 2021 – 12<sup>th</sup> June, 2021</b>
<b>Job Responsibilities</b>	<ul style="list-style-type: none"> <li>○ 5 Months Industrial Training in Quality and Inspection Department</li> <li>○ Quality check at every station with the help of callipers and gauges.</li> <li>○ Dimensional Checks on parts in-process and maintain their records.</li> <li>○ Quality Check of Incoming Raw material.</li> </ul>
<b>Designation</b>	➤ <b>Project Associate</b>
<b>Organisation name</b>	➤ <b>CCET</b> (Sector – 26, Chandigarh, India)
<b>Period</b>	➤ <b>26<sup>th</sup> Dec, 2019 – 28<sup>th</sup> Feb, 2020</b>
<b>Job Responsibilities</b>	<ul style="list-style-type: none"> <li>○ Fabrication of Automatic puzzle parking system and 3D printing of specific parts.</li> <li>○ Responsible for build preparation of components produced on FDM Raise 3D Printer using Ideamaker software</li> </ul>
<b>Designation</b>	➤ <b>4 Week Industrial Training</b>
<b>Organisation name</b>	➤ <b>NITTTR</b> (Sector – 26, Chandigarh, India)
<b>Period</b>	➤ <b>3<sup>rd</sup> June, 2019 – 5<sup>th</sup> July, 2019</b>
<b>Job Responsibilities</b>	<ul style="list-style-type: none"> <li>○ Hands on Practice on CNC Lathe/Milling Simulator and Overview of Metal Additive Manufacturing (ProX DMP 200)</li> <li>○ Learned Solidworks</li> <li>○ Practice of Tools (Gauges &amp; Callipers) in Metrology and Overview of Testing Machine</li> </ul>

## PROJECT & PATENT:

- **8<sup>th</sup> Sem Major Project** (*Mar – June 2021*)
  - 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
- **7<sup>th</sup> Sem Minor Project** (*Dec, 2020*)
  - Automated Self-Propelled Water Trash and Oil Skimmer
- **3<sup>rd</sup> Sem Project - Rocker Bogie Robot** (*June 2018*)
  - Working – To develop a highly stable suspension system capable of operating in multi terrain surfaces while keeping all wheels in contact with the ground.
- **Depth Thread Plug Gauge** *IN 346385-001 - Issued Sep 13, 2021*
  - The novelty resides in the Shape and Configuration of the “Depth Thread Plug Gauge”
- **Top Loading Stapler** *IN 202011041590: Issued Oct 16, 2020; IN 335700-001: Issued Jul 16, 2021*
  - The novelty resides in the Functionality and Design of the “Top Loading Stapler”

## AWARDS & CERTIFICATIONS

- **Achieved 2nd Position in Innovative Product Design Exhibition, IIDEC CCET**
- **Awarded for Event Organizer of NSS CAMP2020**
- **COURSERA CERTIFICATE**
  - Introduction to Mechanical Engineering design and manufacturing with FUSION 360 W5ABZ6GZYYZ2
  - Innovation Through Design: Think, Make, Break, Repeat HN89GPY8KV7L
  - Energy Production, Distribution & Safety 2N4TQ7D7N6YK
  - Create and Design Digital Products using Canva 9L74WFYPBWU9

- Data Analytics for Lean Six Sigma

JU5HB8N46BM2

## ➤ Dassault Systems

- CSWA - Mechanical Design
- CSWA - Additive Manufacturing

C-7RW4FY8DMT

C-TQ87N36XUB

## EDUCATIONAL PROFILE:

Qualification	Institution	Board/ University	Year of passing	Result
<b>B.E. (Mechanical Engineering)</b>	<b>Chandigarh College of Engineering &amp; Technology, (CCET) Sector 26, Chandigarh (UT)</b>	<b>Panjab University</b>	<b>2021</b>	<b>8.11 CGPA</b>
<b>10+2 Class</b>	<b>Ajit Karam Singh International Public School, Sector 41, Chandigarh (UT)</b>	<b>CBSE Board</b>	<b>2017</b>	<b>77.6%</b>
<b>10<sup>th</sup> Class</b>	<b>Ajit Karam Singh International Public School, Sector 41, Chandigarh (UT)</b>	<b>CBSE Board</b>	<b>2015</b>	<b>76%</b>

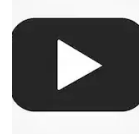
## VOLUNTEERING:

Role	Organization	Joining	Leaving	Cause
<b>Secretary General</b>	<b>ASME CCET Student Section</b>	<b>Jan 2020</b>	<b>Jan 2021</b>	<b><i>Mechanical Education (Seminar &amp; Activity Such as Quizzes and CAD Competitions)</i></b>
<b>Student Member</b>		<b>Oct 2018</b>	<b>-</b>	
<b>Student Coordinator</b>	<b>National Service Scheme</b>	<b>March 2019</b>	<b>June 2020</b>	<b>Social Cause</b>
<b>Student Volunteer</b>		<b>Aug 2017</b>	<b>-</b>	

## PERSONAL PROFILES:

Name : HIMANSHU BISHT  
 Father : MR. RAGHUBIR SINGH BISHT  
 Date of Birth : 08-03-2000  
 Marital Status : Single  
 Nationality : Indian  
 Languages Known : English, Hindi  
 Mobile : +91 9646224457  
 E-Mail : [bishth088@gmail.com](mailto:bishth088@gmail.com)  
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## **INTERESTS:**



## **DECLARATION**

I hereby declare that the above information is correct up to best of my knowledge

Place: Chandigarh

Yours Sincerely,

Date: 30-10-2022

**Himanshu Bisht**