

PRATYUSH SAHA
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CAREER OBJECTIVE

Seeking a challenging career with a progressive organization that provides an opportunity to capitalize my technical skills & abilities in the fields of Engineering and Project Management.

ACADEMIC DETAILS

Qualification	Institute	Board/University	CGPA/Percentage
HSC (Class X)	St. Michael's Convent School, ITI Mankapur	CBSE	10 CGPA
SSC (Class XII)	St. Michael's Convent School, ITI Mankapur	CBSE	91%
B.E	RV College of Engineering, Bengaluru	VTU	8.86 (till 6th sem)

ACADEMIC PROJECTS

- Self Study Project on demonstration of the application of the Pascal's law in hydraulic braking systems by building a prototype and calculation of major and minor losses.(IIIrd sem)
- Self Study Project on special case of 4 bar mechanism used in fighter planes for combat during bombing.(IV sem)
- **Minor Project on Numerical Analysis of Nozzles** for calculation of various flow parameters like pressure, velocity ,Mach number etc. by simulation on ANSYS and verification of the same by manual calculations.(VII Sem)

SUMMER TRAINING

1 month summer training Course **on tool design & planning, Manufacturing and tool room processes and world class manufacturing** at **ITI Mankapur** (A Government of India enterprise), June-July 2017

INTERNSHIP

1 month internship at **Bosch India Pvt. Ltd, Bangalore** on inspection of barrel and plunger elements used in fuel injection pumps and tabulation of error. June-July 2018
Exposure to shop floor production line and chemical treatment facility.

CERTIFICATIONS

- **Ready Engineer Training program** conducted by **TATA Technologies Ltd.** In the year 2017-2018, covering Fundamentals of Engineering Design, Analysis& Manufacturing with Hands-On training in CATIA.
- Fluid Dynamics and TurboMachines, **NPTEL** Sep 2017
- Excelled in the module **Applications and Concepts of Thermodynamics** delivered by Prof. S.R Kale,IIT Delhi through **QEEE certification** in Nov 2016.

EXTRA CURRICULAR ACTIVITIES

- Participated **National Conference on ‘Renewable Energy in India: Solar Energy Systems’** at **Presidency University Bangalore** and presented technical article on renewable energy systems emphasizing solar energy
- Volunteer for Entrepreneurship cell of our college for content writing and photo coverage team.
- Member of sponsorship team of Team Chimera, a formula hybrid team, active participation in quizzes, blood donation, paper drive.

SOFTWARES

- Solidworks
- Catia
- Ansys
- Microsoft Office

PERSONAL DETAILS

Hobbies:lawn tennis, chess, reading books on space and time,photography

Date of Birth: 15/09/1996

Languages: English, Hindi, Bengali