

Priyansu Tank

starDust ✨ | Being different, doing different | Limitless
+918200795699 | priyansutank3044@gmail.com

SUMMARY

Looking for an blah blah post in the field of blah blah.

LINKS

Github:// [pbtank](#)
LinkedIn:// [pbtank](#)
Twitter:// [@PriyansuTank](#)

COURSEWORK

GRADUATE

Engineering Mathematics
Advanced Thermal & Fluid Engineering
CAD /CAM & Automation
Production Technologies
(Professional Electives)
Gas Dynamics
Advanced Heat Transfer

DIPLOMA

Engineering Graphics
Material Science
Basic Thermal & Fluid Engineering
CAD /CAM Technologies
Theory of Machine & Machine Design
Manufacturing Engineering
(Advanced Course)
Thermal & Power Plant Systems

SKILLS

TOOLS

Expertise:
Siemens NX • AutoCAD
Familiar:
OpenFOAM • ANSYS • MATLAB

PROGRAMMING

Intermediate:
JAVA • JavaScript • Python • \LaTeX
Familiar:
C/C++ • HTML /css • git

AWARDS

2021 | State
Finalist of Smart Gujarat Hackathon 2020.
2018 | Department
Award for Academic Excellence.
2014 | 3rd in School
Bronze Medalist, TATA Buildings Essay Competition.

EDUCATION

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE

BE IN MECHANICAL ENGINEERING

July 2022 | Ahmedabad, Gujarat

GOVERNMENT POLYTECHNIC RAJKOT

DIPLOMA IN MECHANICAL ENGINEERING

July 2019 | Rajkot, Gujarat

CPI: 9.44 / 10.0

CGPA: 9.64 / 10.0

VIRANI SELF-FINANCE SCHOOL

SSC, GSHEB

March 2016 | Rajkot, Gujarat

Majors in Technical & Production

Percentile: 98.52 / 100.00

PROJECTS

FEASIBILITY OF OUTER SPACE POWER | DESIGN ENGG., BE

June 2014 – Sep 2014 | VGEC, A'bad

- Explored feasibility of different power cycles for powering LEO satellites.
- Analysed parabolic solar collector as a feasible solution.

DESIGN OF CD ROCKET NOZZLE | FINAL YEAR, BE

June 2021 – July 2021 | VGEC, A'bad

- Focused on design and validation of a supersonic rocket nozzle based on the method of characteristics.
- Design validated using CFD toolbox OpenFOAM.

VALUE STREAM MAPPING | FINAL YEAR, BE

July 2021 – Aug 2021 | Smart Gujarat Hackathon 2020, A'bad

- Mapping of P. Parmar Drill Machine, Bhavnagar was done for inventory optimization.
- Team selected for final round of Smart Gujarat Hackathon 2020 under Govt. of Gujarat.

CO-CURRICULAR

MESA | VOLUNTEER, BE

May 2021 – Present | VGEC, A'bad

Formed a students' association with Chintan Fofaria & Meet Patel. Arranged various workshops and technical activities to enhance skills of students. Managed planning of activities and mentored group of students.

IEI STUDENTS' CHAPTER | VOLUNTEER, BE

April 2020 – Present | VGEC, A'bad

Worked in back end for registration process and poster designing. Managed students' data for event evaluation.

INTERESTS

Aerospace & Astronautics • Satellite Trajectory Prediction •
Amateur Satellite Communication • Rocket Propulsion • Astronomy