

Sumit Prasad

National Institute of Technology Jamshedpur

Adityapur, Jamshedpur, Jharkhand-831014

+91-8882857502,9570555095

Email- 2014pgmetf013@nitjsr.ac.in



OBJECTIVE

To secure a challenging position in the field of engineering that allows me to utilize my knowledge, enhance my capabilities and give me ample opportunities in the world of globalization.

EDUCATION

	Name of Examination	Year of passing	Board/University	Institution	Percentage/CGPA
Post-Graduation	M.Tech (Thermal & Fluids Engineering)	2016	NIT Jamshedpur	NIT Jamshedpur	8.73
Graduation	B.Tech (Mechanical Engineering)	2013	BPUT Rourkela	KIST Bhubaneswar	7.53
Senior Secondary	AISSCE	2009	CBSE	SAPS Bokaro	75.8
Secondary	ICSE	2007	CISCE	DNS CTPS	86.4

TRAINING AND WORKSHOPS

- Completed one month course in design software “CATIA” in **CTTC, Bhubaneswar**.
- Done one month training on “Manufacturing of Hand Injection Mould” in **CTTC, Bhubaneswar**.
- Completed workshop on “Solar Photovoltaic-Embedded System Applications” at **IIT Bombay**.
- Industrial visit to **National Thermal Power Corporation, Talcher, Orissa**.

PROJECTS

B.Tech Project

Title - “Transformation of 4-stroke IC engine into Compressed Air Engine”.

Description- A compressed air engine uses compressed air stored in a tank for its operation. Air-fuel mixture of 4-stroke petrol engine is replaced by compressed air which expands in the cylinder to drive the piston of the engine.

M.Tech Project

Title- “CFD Based Performance Analysis of Concentric Tube Heat Exchangers”

Description- A CFD analysis of concentric tube heat exchangers of different materials with different fluids was carried out and results were compared with the experimental values. Turbulent flow in the heat exchanger was also studied with the help of ANSYS-FLUENT software.

TECHNICAL SKILLS

- Design and Analysis Softwares : ANSYS-FLUENT, CATIA, ORIGIN
- Knowledge in : MS OFFICE, Basics in C, Basics in JAVA

POSITIONS OF RESPONSIBILITY

- Coordinated as a core member in the Technovation at KIST in 2013.
- Represented the Student Council at SAPS, Bokaro in 2009.

ACHIEVEMENTS AND EXTRACURRICULARS

- **GATE-2017 Details-**
Discipline- Mechanical, Marks-50.65, Score-535,
All India Rank-10678, No. of candidates appeared-190648
- Conducted pre-placement training session for 3 days at KIIT Bhubaneswar.
- Qualified NDA exam and attended 5 days SSB at Allahabad.
- Won 2nd Prize in paper presentation and robotics at KIST Bhubaneswar.

HOBBIES

Watching Debates, Listening Songs, Reading Newspaper

PERSONAL DETAILS

Date of Birth- 11th Oct, 1991

Languages known- English, Hindi

Marital status- Single

Permanent address- Qt. No.-170, BI-15, A/Type, Bhimkanali, Baghmara, Dhanbad-828307

REFERENCES

Name	Designation	Contact Details
Dr. R.K.Prasad	Professor, NIT Jamshedpur	Phone- 0657-237-4050, 9431340910 Email- rkprasad.me@nitjsr.ac.in
Dr. K.D.P.Singh	Associate Professor, NIT Jamshedpur	Phone- 0657-237-4202 Email- kdpsingh.me@nitjsr.ac.in

Signature of the Student: