

Curriculum Vitae

Rama Dheeraj Pulipaka

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Experience

- Senior Operations Officer, IndianOil Corporation Ltd.: Jan 2020 - Present
- Operations Officer, IndianOil Corporation Ltd.: July 2019 – Jan 2020

Education

Year	Degree/Certificate	Institute	CGPA/Percentage
2019	B.Tech (Hons.)	IIT Bhubaneswar	9.18
2015	Board of Intermediate Education, Andhra Pradesh	Narayana Junior College	97.5%
2013	Class X, Central Board of Secondary Education	Nalanda Vidya Niketan, Vijayawada	10

Projects

- Steering and Focusing of 2D Synthetic Jets: 2018-19
Development of a prototype that would successfully demonstrate vectoring of a 2D synthetic jet with phase change, under the mentorship of Dr A Venugopal, School of Mechanical Sciences, IIT Bhubaneswar
- Study of Particle laden droplets subjected to vibrations 2018
Development of a MATLAB code to automatically analyse a high fps video file and deliver droplet dimensions and nodes as output. Project carried out as part of summer internship under Prof. Saptarshi Basu, Indian Institute of Sciences, Bengaluru.
- Design and Development of an All Terrain Vehicle (ATV) as part of BAJA SAE India 2018: 2018
Design, modelling, analysis and fabrication of roll cage structure; Lead Driver for team Knocksoniacs at IIT Bhubaneswar
- Construction of a Hele-Shaw cell: 2016
Construction of a Hele-Shaw cell for flow visualisation; School of Mechanical Sciences, IIT Bhubaneswar
- Project Seminar on 'Design Aspects of Submarines': 2016
Delivered a seminar on Design Aspects of Submarines at School of Mechanical Sciences, IIT Bhubaneswar

Skills and Proficiencies

- Good knowledge with modelling software SOLIDWORKS and AutoCAD.
- Basic proficiency in ANSYS.
- Good working knowledge in MATLAB
- Good practical knowledge in machining, welding and fitting.
- Ability to read and fluently speak English, Hindi and Telugu.

Personal Details

Date of Birth: 9th December, 1997

Gender: Male

Present Address: 22-927/6, Vijaynagar 2nd main road, Chittoor, Chittoor district, Andhra Pradesh

Permanent Address: B-1, Savvy Apartments, 12th cross, Bharati Nagar, Vijayawada.

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