
Mohith Mohan

Mechanical Engineer

24/1711, Theertham

Mankav, Kozhikode, Kerala

India

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OBJECTIVE

Aiming to work for a progressive organization in the field of mechanical engineering in order to create more innovative products that have better reliability, performance and make life of the users easier.

SKILLS

- Solidworks
- Ansys
- CNC train
- C
- C++
- Matlab
- MS Office
- Adobe Photoshop

PROJECTS

- **Capstone project** - PERFORMANCE ANALYSIS OF LOOPED HEAT PIPES
(Submitted for publication in **International Journal for Performability Engineering**)
- **Hardware project** - 90° UNIFORM MOTION TRANSMITTER
- **Design project** - DESIGN MODIFICATION AND ANALYSIS OF EXHAUST MANIFOLD
- **Design of machine elements** - DESIGN AND ANALYSIS OF RIGID FLANGE COUPLING
- **IC engines** - DESIGN AND ANALYSIS OF TURBOCHARGER
- **Fluid mechanics** - STUDY OF AIRFOIL IN WIND TUNNEL

EXPERIENCE

- **Apollo Tires LTD, Kerala** - *Summer Intern*

June 2016

In a team of 4 did a project to monitor the quality of ply in tire. The Quality is ensured by checking Process Capability Index (C_{pk}) and Process Performance Index (P_{pk}) for a set of

sample data and is then checked whether it is following the Quality Management System Standards TS16949.

- **Hindustan Petroleum Corporation Limited- *Summer Intern***

June 2017

In a team of 6 did the storage tank inspection which included visual inspection, external inspection, internal inspection, tank mountings inspection and thickness survey. Also did engine maintenance for the diesel generators powering the plant.

EDUCATION

VIT University, Chennai - *Btech, Mechanical Engineering, 7.71 CGPA*

2014 - 2018

Devagiri CMI Public School, Kozhikode - *Class XII, Computer Science, 83%*

2013-2014

Devagiri CMI Public School, Kozhikode - *Class X, CBSE, 9.8 CGPA*

2011-2012

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- **Blogging** (www.petrolheadsworld.blogspot.in)
- Member of **Automovite Club** of **VIT Chennai**
- **IELTS** score of 7.5

REFERENCE

- **Dr. K Karunamurthy**
Associate Professor, VIT University
Phone:+91- 9884032820