

R Shambhu Mahadev

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EDUCATION

Btech-Mechanical Engineering Adi Shankara Institute of engineering and technology, Kalady <i>APJ Abdul Kalam Technological University</i>	<i>2017-2021</i>	CGPA: 7.65
Higher Secondary Education Navdeep public school , Kollam <i>CBSE</i>	<i>2015-2017</i>	Marks: 75 %
Secondary Education Navdeep public school, Kollam	<i>2014-2015</i> <i>CBSE</i>	CGPA: 9.2

EXPERIENCE

Porsche India

Internship

Kochi, Kerala

04 April 2019 – 17 April 2019

- Collaborating practical knowledge on automobiles along with theoretical learning. Application of knowledge, learned the knowhow on application of ICT in automobiles, smart vehicle components, electric vehicles working & components
- Involving in managerial level operation of a company and understanding the all-round working of a company. Relation building with customers analysing needs and collecting feedback to improve & quality of service.

Keltron

Internship

Kochi, Kerala

25 June 2018 -01 July 2018

- Over the time period was a part of understanding an overview on how a automobile industry can be linked with electronics , communication & safety systems
- Analyzing drawing embedded circuit designs , automotive electronics , designing communication protocols and automotive safety systems .

LEADERSHIP EXPERIENCE

Team leader (operations) volunteer

Space Renaissance International

15 member team

- SRI is a platform for various research & education on aerospace.

- Maintain a strong communication channel among various researchers for smooth access of data and workflow, mentor new candidates.
- Plan and conduct workshops and competition as part of space awareness

PROJECTS

1. RB-NXT:

A multi terrain multi application UGV. The project was aimed to increase human capability and to introduce the vast applications of UGV in autonomous sectors

2. PEPPER COLLECTOR CUM HARVESTOR :

The project aimed in easing the process of harvesting and collecting pepper as pepper grow in great heights to overcome this was the intention of this project which was also a part of a competition conducted by IIT Kanpur

3. DECOMPOSITION OF PLASTIC WASTE INTO HYDROGEN :

Plastic is the new world problem. As plastic cannot be easily removed from usage or neither shall it easily disintegrate. The project was as a solution to this dilemma. Plastic is decomposed into hydrogen which can be used as a fuel

PAPER PUBLISHED

Topic: DECONSTRUCTION OF PLASTIC WASTE INTO HYDROGEN

Published at : International journal of all research education and scientific methods (IJARESM)

CERTIFICATES

- NDT level-II
- Best micro project 2018
- Participation DST & Texas Indian Innovation Challenge

SKILLS & INTEREST

Interests: Research | Analyzing | Designing | Administration & management (operations / marketing)

Skills: Self-studying | Working under limited resources | Customer relation building | Idea Pitching
|Team player | Active participation| Optimist | Inquisitive

Languages: English | Malayalam | Hindi