

**VIVEK V NAIR**

**Mechanical Engineer**

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A motivated individual pursuing a career in the field of Mechanical Engineering seeking for an opportunity to work in a challenging environment to prove my skills and utilize my knowledge & intelligence in the growth of the organization.

### **EDUCATION QUALIFICATIONS**

- **Bachelor Of Technology In Mechanical Engineering. (64%)** 2015-2019  
APJ Abdul Kalam Technological University, Kerala
- **Higher Secondary Education. (81%)** 2013-2015  
Kerala Board Of Higher Secondary Education
- **High School Education . (76%)** 2013  
CBSC

### **PROFESSIONAL SKILLS**

- AutoCAD.
- Proficient in software like solid works.
- Knowledge in Operating Systems like Windows (7, 10) and Microsoft (Word, PowerPoint, Excel).

### **PROFESSIONAL AFFILIATIONS**

- Completed 10 days internship programme in 'KITEX Kochi'.
- Member of Innovation & Entrepreneurship Development Cell (IEDC).
- Event co-ordinator of 'Motography' in FOTIOS Techno-Cultural fest 2018.
- Participated in workshop 'Vehicle Overhauling' in 2017.
- Participated in National Level Techno – Cultural fest 'Conjura 17' in the event 'Engine Assembly' in March 2017.
- Visited water treatment plant ,Wayanad

## **PROJECTS**

- **Main Project : Automatic Brake Failure Detection And Auxiliary Braking**

The aim is to design and develop a control system based on an automatic brake failure indicator with automatic braking by electromagnet coil type braking. This project consists of IR sensor circuit, control unit and the wheel and the brake arrangement and the electromagnet coil type braking system. The sensor is used to detect the brake failure, the control signal is used to switch on/off the electromagnetic braking system. The main theme of our project is to monitor the brake system at every moment and if there is any brake failure the brakes are applied automatically by the electromagnet coil type brakes, i.e. the driver cannot accelerate the vehicle furthermore..

- **Mini Project : Hybrid Laser Arc Welding**

Hybrid laser arc welding simultaneously utilizes the arc welding and the laser welding, in a common interaction zone. The project presents current status of hybrid technique in terms of research ,developments and applications.

## **STRENGTHS**

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|------------------------|---|
| <b>Leadership</b>      | : Coordinated college Tech Fest Event 2018 & various other events           |
| <b>Time Management</b> | : Arrived at all classes and events on time and with appropriate materials. |
| <b>Adaptable</b>       | : Worked with people from different backgrounds and culture.                |
| <b>Diligence</b>       | : Finished all work and college assignments on time.                        |
| <b>Resourceful</b>     | : Applied successful solutions to difficult problems.                       |

## **PERSONAL INFORMATION**

Name : Vivek V Nair  
Date of Birth : 18<sup>th</sup> June 1997  
Nationality : Indian  
Permanent Address : Vinayasadanam House, Champakara P O,  
Karukachal  
Kottayam - 686540  
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## **DECLARATION**

I hereby declare that the above mentioned information is correct up to my knowledge and I will solely be responsible for any discrepancy found in them.

Place : Karukachal

Vivek V Nair



Date : 23-07-2020