

# MOHAMMED DILKUSH M P

Student

NSS college of engineering

Palakkad, Kerala

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## EXPERIENCE

**YOLO - Youth Online Learning Organisation — Intern**

May 2020 (8 Months)

**Position held as Project Executive and Team Lead**, Under me I have guided and trained more than 50 interns. Also worked on Recruitment and Interviewing.

**Sky Rider Institution. , Odisha— Intern**

December 2020 (30 days)

Cad Engineer, Industrial Cad Design with Solidworks.

**Hound Electric Pvt. Ltd. , Kakkanad— Intern**

April 2020 (15 days)

R&D Interns, Designing an Autonomous pod.

## PROJECTS

**Design And Development Of A Software For Analyzing The Performance Of An Electric Vehicle Test Rig. ( Team size: 4)**

Develop software along with a dual electric motor test rig to conduct experiments.

**Role:** Hardware, Mechanical Design.

**Fabrication of Racing Drone and Analysis of Delivery Speed Characteristics. ( Team size: 4)**

Deliver products with high speed and mainly concentrated on Medical purposes.

**Role:** Hardware, Mechanical Design, Team Coordinator.

**SAE Aero Design ( Team size: 7)**

Design a Fixed wing Aircraft capable of lifting desired Payload.

**Role:** Mechanical Design, Team Captain.

## EDUCATION

**NSS College of Engineering, Palakkad**

2017 - 2021 (*Pursuing Bachelor of Technology, Mechanical Engineering.*)

APJ Abdul Kalam Technological University (KTU) ,CGPA: 7.36 (S1 to S6)

**MIC Higher Secondary School , Malappuram**

2014 - 2016 (*Senior Secondary Examination.*)

Kerala Board of Secondary Education. (Score : 88.75%)

**PPMHSS Kottukkara, Malappuram**

2011 - 2014 (*Secondary Examination.*)

Kerala Board of Secondary Education. (Score : 90%)

## TECHNICAL AND SOFT SKILLS

Mechanical designing on Solidworks, Solid Edge, Fusion 360.

## ACCOMPLISHMENTS

Review paper on topic “**Offshore wind energy and suction bucket system**” at National Conference on Emerging Trends in Mechanical Engineering 2019.

**Publisher:** Institution of Engineers (India) Mechanical chapter NSS College of engineering.

Seminar paper on topic “**Smart Network Business Models using Electric Autonomous Vehicles (EAVs)**”

## CERTIFICATION

- **Certified SOLIDWORKS Expert (Mechanical Design)** from Dassault Systèmes.
- **Certified SOLIDWORKS Professional (Mechanical Design, Advanced Surfacing, Advanced Weldment, Advanced Sheet Metal, Advanced Drawing Tools)** from Dassault Systèmes.
- **Certified SOLIDWORKS Associate (Mechanical Design, Additive Manufacturing, Sustainable Design)** from Dassault Systèmes.

## PROFESSIONAL MEMBERSHIPS

- Institution of Engineers (India), Society of Automotive Engineers India.

## POSITIONS OF RESPONSIBILITY

- IoT head and Internet of Things Lab in charge (2020-2021).
- Panel member of Innovation and Entrepreneurship Development Centres. (IEDC).
- Institution of Engineers (India) Mechanical student Chapter, Student Convener (2019-2020), General Secretary (2018-2019), Representative (2017-2018)

## VOLUNTEERING ACTIVITIES

- Participated as college representative in Kerala Government Professional Student Summit 2020 .
- Department Sub Coordinator of college Tech fest Dyuksha 2020.
- Student Coordinator of National Conference on Emerging Trends in Mechanical Engineering 2019.

## INDUSTRIAL VISITS

- Bharat Earth Movers Limited (BEML), kanjikode
- SteelMax Rolling Mills Limited, kanjikode
- Fluid Control and Research institute, kanjikode

## REFERENCE

Prof. DR.Suresh P R , NSS College of Engineering, Palakkad , Email id: sureshpr101@gmail.com

Prof. Sreejith N K , NSS College of Engineering, Palakkad , Email id: sreejithnk87@gmail.com