

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 Interviewer.

Skyy 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