

Sukanya Ajit Dhawade *Graduate*

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☎ 7385949248

📍 Nagpur, Maharashtra, India

📅 2002/02/20

🚩 Indian

Languages

• English

• Hindi

• Marathi

Education

2021/04 – 2024/05

Nagpur, India

B.Tech Engineering in Aeronautical

RTMNU

Semester 1: 8.97 SGPA

Semester 5: 5.53 SGPA

Semester 2: 7.84 SGPA

Semester 6: 6.19 SGPA

Semester 3: 8.73 SGPA

Semester 7: 7.35 SGPA

Semester 4: 7.33 SGPA

Semester 8: 7.40 SGPA

2019/04 – 2020/03

Nagpur, India

Higher Secondary Certificate Examination

Tip Top Convent and Junior College

Passed with 60%

2018/05

Nagpur, India

Indian Certificate of Secondary Examination

The Chanda Devi Saraf School and Junior College

Passed with 77%

Projects

Design and Fabrication of Drone-Based Delivery System with Pulley Mechanism

Final Year Project

In this research "Design and Fabrication of Drone-Based Delivery System with Pulley Mechanism", a retractable pulley system is incorporated into a quadcopter that has been equipped with an optimized pulley mechanism as a mean for delivering parcels via air. For the creation for prototype mechanism a quad motor designed multirotor is fabricated which is equipped with appropriate rating BLDC motors allowing high lift generation and payload carrying capability, further for pulley mechanism a geared motor is utilised and programmed to function according to signal commanded by transmitter, this geared motor is responsible for rotation of pulley in both directions to retract and extend the single wire cable which connects the cargo carrying crate.

Internship

2022/11 – 2023/02

Nagpur, India

CAD Designing

Aerovania Pvt. Ltd

2022/08 – 2022/09

Nagpur, India

Base Maintenance Division (BMD)

AI Engineering Services Ltd.

2022/03 – 2022/04

Nagpur, India

Aerospace Technical Training

Great Dreamers India Pvt Ltd

Workshop

2022/10

Nagpur, India

Drone Workshop

Aerovania Pvt. Ltd