OBJECTIVE

To associate myself with an organization where I can constantly grow and learn new skill set and also tackle problem with great efficiency.

To help in development of technological innovations.

EDUCATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Degree** | **Institute** | **Board/University** | **Year of Passing** | **Performance** |
| B.Tech | Mukesh Patel School of Technology Management & Engineering | NMIMS University | 2020 | 3.10/4.00 |
| XII | Mithibai College | HSC | 2016 | 76% |
| X | Gopal Sharma Memorial School | SSC | 2014 | 91.40% |

TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Domain** | **Familiar with** |
| **Languages and technologies/framework** | Python , Javascript , HTML5 , CSS3 , Bootstrap ,Ladder Diagram |
| **Designing** | SolidWorks, AutoCad ,Ansys,Fusion 360 |
| **Software Packages** | LOTUS (SHARK) ,Microsoft Office, Betaflight , Adobe XD , GitHub, MATLAB , SCILAB |

INTERNSHIPS/EXPERIENCE

|  |  |  |  |
| --- | --- | --- | --- |
| **Company** | **Duration** | **Location** | **Brief Description** |
| CENTRAL RAILWAY LOCO WORKSHOP | May’19-June’19 | Mumbai | Understood and observed Crane 140T hydraulics and - PP1, FIP, turbo speed charger, piston,  Bogie section and assembly of it, also the couch department - air brake section.  Detailed working of disaster management crane |
| Elite Techno Group | August’2020-October’2020 | Mumbai | Working and study of vehicle dynamics  Modelling and  simulation of automobile chassis and different components of automobile  Calculation of transmission and forces acting on vehicle and also aerodynamic study |
| Pinnacle Industrial Controls | October’2021 - Present | Mumbai | Project Engineer Trainee |

KEY PROJECTS/TECHNICAL WORKSHOPS

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Project Title | Platform Used | Brief Description |
| 4th Year | Bicopter | Solidworks and betaflight | Design and Fabrication of Multimedia Bicopter whose design is based on chinook |
| 3rd Year | Simulation of position control of electric elevator | MATLAB | Through computational simulation the system is tested for the acquired parameters and hence verified |
| 3rd Year | Increase power of windmill | QBlade | Through aerodynamic study the design of the blade was changed to get appropriate result. |
| 2nd Year | Gesture Controlled Bot | MATLAB and  Arduino | Using Image processing ,the hand gestures shown on the webcam was converted into signals for the robot |

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| **TECHNICAL WORKSHOPS ATTENDED** |
| * BOTSON : The Robotics Workshop * Digital Signal Processing & Image Processing Workshop |

EXTRA CURRICULAR ACTIVITIES & INTERESTS

|  |  |
| --- | --- |
| **ACHIEVEMENTS** | * Merit in **National Science Olympiad(**2011**)** * Credit in **UNSW Global** educational assessment (Science)(2010) |
| **POSITION OF RESPONSIBILITY** | * ISA Mpstme Creative(Head)(2019-2020) |
| **SOCIAL IMPACT** | * Participated in CMCA |
| **INTERESTS** | * Painting * Sketching * Origami |