

PRASAD RATHOD

INTERNSHIPS

Data Science with Artificial Intelligence SmartED collaborated with Microsoft

Internship mode: Online

Date:- March 2025 - May 2025(Ongoing)

- The ongoing online internship, running from March to May 2025, is divided into two phases: Training and Internship. The training phase, held in March, focuses on the basics of data cleaning, manipulation, and visualization.
- In the internship phase, participants will apply these skills to real-world projects, gaining practical experience. This structure combines theoretical learning with hands-on practice to ensure a well-rounded understanding of data tasks.

Additive manufacturing using ABS-PLA-TPU

- The two-week internship, held from 18/12/2023 to 01/01/2024, focused on "Additive Manufacturing using ABS-PLA-TPU" and was jointly organized by Sujal Rotoplast Pvt. Ltd. and the Department of Mechanical Engineering at Walchand Institute of Technology, Solapur.
- The program involved creating 3D CAD models using CATIA software, which were then processed with slicing software (Ultimaker Cura) and finally 3D printed using an AEQON 400V3 printer.

Training and Internship in JAVA(core) Programming Language from INTELLISEIT Institute, Solapur.




- It is three month internship divided into two phases-Training and Internship. Training part covers the fundamental concepts like inheritance, Polymorphism, Encapsulation etc. Internship part is where we apply these concepts on real life projects.

PROJECTS

Working On: Design and Simulation of a Gearbox for an Electric Scooter

- To understand the need for a gearbox in an electric scooter (e.g., improving torque, efficiency, and range).
- One of the main limitations of electric scooters is their limited range per charge. An optimized gearbox can reduce energy losses, improving overall efficiency and extending battery life.

CONTACT

-  +91 9322539951
-  rathodprasad254@gmail.com
-  Solapur, Maharashtra

EDUCATION

- **BTech (Mechanical & Automation)**
Walchand Institute of Technology,
Solapur (2022-Present)
- **Higher Secondary Education (HSE)**
Sangmeshwar College, Solapur (2020-2022)
- **School**
V.M.Mehta High School,
Solapur (2018)

SKILL

- C & C++ programming language
- JAVA (core)
- Data Structures and Algorithms
- Web Designing
- Python for data Analysis
- Additive Manufacturing using 3D Printer (AEQON 400V3)

LANGUAGES

- Marathi
- English
- Hindi