

YERUSHA PRASHANT INGALE

Instrumentation Engineering Student

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SUMMARY

Aspiring Instrumentation Engineer with a focus on Automation , Data Analytics , PLC/DCS system with a strong interest in optimizing processes through data-driven solutions.

EDUCATION

Institution	Course	Year of Completion	Grade / Percentage
All India Shri Shivaji Memorial Society Institute Of Information Technology	Bachelor of Technology in Instrumentation Engineering	2026	SY CGPA: 7.61 TY CGPA: 7.75
All India Shri Shivaji Memorial Society Polytechnic	Diploma in Computer Engineering	2023	80.11%
All Saint's High School, Khadki	Secondary School Education (SSC)	2020	85.20%

SKILLS

- **Programming Languages:** Ladder Programming , PLC Programming , DCS programming (DeltaV)
- **Technical Knowledge:** Programmable Logic Controllers (PLC), Distributed Control Systems (DCS), SCADA, HMI , Machine Learning, Data Structure
- **Software:** Matlab, LabVIEW, RSLogix500, Power BI, Python(Basic), DeltaV DCS, MS Excel

PROJECT

- **Automatic Plant Watering System Using Arduino & Soil**

Developed an automatic irrigation system using an Arduino uno that senses real time soil moisture levels to activate a water pump only when needed, reducing manual effort and conserving water . The system integrates a soil moisture sensor , relay module and an LCD display for efficient control and easy monitoring of system status and moisture readings. This setup ensures precise watering , supports healthier plant growth and significantly reduces water waste.

- **Facial Emotion Recognition For Therapy Session**

Develop a project on FER for therapy sessions to improve emotion analysis.

HOBBIES

- **Drawing**

Learning new art styles like Mandala art helps to boost creativity.

- **Learning new languages**

Helps to improve communication skills with people from diverse background.

- **Playing Badminton**

Helps in developing collaboration skills.

EXTRACURRICULAR ACTIVITIES

- **Participated In Zonal Poster Presentation Competition**
- **Participated In Aviskar (2025)Poster Presentation Competition**
- **Volunteer In Event Azadi Ka Utsav**
Skilled at working collaboratively in a team environment.

COURSES AND CERTIFICATES

- **LabVIEW Course by Kimaya Automation | 1 week**
Hands-on practice on LabVIEW.
- **PowerBI Course | 1 week**
Created dashboards and visual reports using Power BI tools.
- **Certificate of Publication at SCRIBD** : ("Facial Emotion Recognition for Therapy Sessions") at G.H. Raisoni College of Engineering and Management, Nagpur.
- Participation: **SIH Internal Hackathon 2024**
- **Copyright Holder** for the project idea (FER)
- **MKCL course certificate in Python Programming**
- **B&R workshop on Automation Studio Software | 3 days**