

KRISH PRASHANT DANI

Mechanical Engineering Undergraduate

Belagavi, Karnataka | +91 9449443132 | krishdani2004@gmail.com | linkedin.com/in/krish-dani

EDUCATION

KLS Gogte Institute of Technology B.E. in Mechanical Engineering CGPA: 7.2	Belagavi, Karnataka 2023–2027
Govindram Seksaria Science PU College Pre-University Science	Belagavi, Karnataka 2021–2023
M.V. Herwadkar English Medium High School High School	Belagavi, Karnataka 2010–2020

CERTIFICATION

Human computer interaction(NPTEL)

TECHNICAL SKILLS

Solid Works, Autodesk Fusion 360, AutoCAD, CATIA, 3DEXPERIENCE, Foundry Operations, 3D Printing, Material Testing, Quality Inspection, CAD Tools, GD&T, Rapid Prototyping

INTERNSHIP EXPERIENCE

Mechanical Engineering Intern | Gokul Metatech Pvt. Ltd. Belagavi | Jul 2025 - Aug 2025

- Completed a 30 day industrial internship gaining hands-on exposure to core end to end foundry manufacturing operations.
- Observed High Pressure Moulding Line (HPML) operations using DISA moulding technology and developed an understanding of automated high-pressure mould production.

PROJECTS

ASME EFX India Student Design Challenge Nov 2025

- Designed a competition-grade automated waste sorting robot (chassis and gripper mechanisms) using Autodesk Fusion 360, securing 1st Place out of competing teams (while contributing to a separate team that secured 2nd Place).
- Accelerated development cycles by prototyping 20 to 30 physical components via 3D printing and coordinating with local vendors for laser-cut metal fabrication.

Optimization of Fresh Sand and Water Consumption in Foundry Moulding Dec 2025

- Executed multi-variable experimental iterations tracking Loss on Ignition (LOI), active clay, and dead clay content across varying sand temperatures.
- Isolated mixer and conveyor thermal management as key performance variables to systematically decrease fresh sand and water addition during sand reuse.

TECHNICAL ACHIEVEMENTS

- 1st Place Student Design Challenge, ASME EFX India, Hyderabad | 2025
- 1st Place Solo Speed Modelling Competition, ASME EFX GIT, Belgavi | 2025
- Contributed to the development of a second robot that secured 2nd Place at the ASME EFX India Student Design Challenge, Hyderabad | 2025

LEADERSHIP & POSITIONS OF RESPONSIBILITY

Vice President | ASM Club, GIT 2024–2025

- Coordinated technical workshops and student activities, including workshops focused on composite materials, and supported the planning and execution of club events.

Student Coordinator | ASM Club, GIT 2023–2024

- Coordinated industrial visits and student participation in industry exposure activities, including visits to VEGA and Kirloskar Hospet Pvt. Ltd.

Student Council Member | Music Club, GIT 2025–2026

- Contributed to planning, coordination, and management of club activities, competitions, and events.

ADDITIONAL ACHIEVEMENTS

Cultural: Winner Battle of Bands Symbiosis Pune (2024)

Winner Solo western Singing Competition Christ University (2025)

Winner of many local solo and Group events.

Sports: Team Captain GSS PU College Basketball Team 2nd place at district level (2022–2023)

Vice Captain, State Level Basketball Team, semifinalist at state level tournament (2022–2023).