

Kalpesh Ramdas Katare

B.Tech Plastic & Polymer Engineering · Third Year

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PORTFOLIO
View portfolio website

LOCATION
Nashik, Maharashtra

DATE OF BIRTH
21 June 2005

LINKEDIN
in/kalpesh-katare

PROFILE

Third-year Plastic & Polymer Engineering student with a strong interest in materials science and conductive polymer composites for strain sensing. Combines engineering study with hands-on product building — from software products and web platforms to electronics projects — and enjoys leading student communities and publications.

EDUCATION

B.Tech — Plastic & Polymer Engineering 2024 – 2028

Maharashtra Institute of Technology, Chhatrapati Sambhaji Nagar · Currently in Third Year

SEMESTER-WISE SGPA	Sem I	Sem II	Sem III	Sem IV
	7.81	6.80	7.90	7.19

HSC (12th)	K.T.H.M. College, Nashik	**58.17%**
SSC (10th)	St. Lawrence High School, Nashik	**58.00%**

RESEARCH

Flexible Conductive Polymer Composite Films for Strain Sensing Ongoing

Narrative review (in preparation)

- Reviewing materials, fabrication methods and sensing performance of flexible conductive polymer composite films used as strain sensors.

PROJECTS

JobFlow — Production Management SaaS 2026

- Product owner of an offline-first job order and production tracking platform for small-scale manufacturers, published under RK Digitals.
- Built on Supabase and Cloudflare, with live Razorpay subscription payments.

Kapsify — Music Discovery App 2026

- Web and Android app for discovering independent artists, integrated with the Audius music API.

Department Academic Resource Website 2026

- Student-maintained library of notes, previous-year papers, lab resources and syllabus for the Plastic & Polymer Engineering department.

Arduino-Based Smart Door Lock

- Designed and built a microcontroller-controlled electronic door lock.

Personal Portfolio Website 2026

- Multi-page interactive portfolio built with React and Vite, hosted on GitHub Pages.

LEADERSHIP & ACTIVITIES

Founder — PolyComm

- Founded a community connecting polymer engineering professionals, student researchers and enthusiasts on a single platform.

Issue Editor — POLYCONNECT e-Magazine (APPES) Oct 2026

- Edited Issue 01 of the Plastic & Polymer Engineering department's e-magazine.

Social Media Editor — Rotaract Club of MIT

SKILLS

Domain: Polymer engineering, materials science, conductive polymer composites, strain sensing

Tech: React, Vite, Supabase, GitHub, Arduino

Other: Product management, editorial design, content & social media

Languages: English, Hindi, Marathi