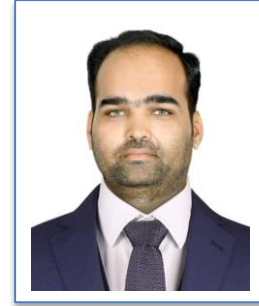


AMIT DUGGAL

Senior Executive (Technical), GUIITAR Council, GSFC University

📍 324 MIG, Indira Nagar, Ratlam (M.P.), India

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CAREER OBJECTIVE

To contribute meaningfully to academia in the field of Mechanical Engineering by integrating theoretical knowledge with practical expertise in CAD/CAM and product design. With a strong foundation in design software and real-world incubation experience, I aspire to inspire future engineers through outcome-based education, hands-on training, and research-driven learning. My goal is to foster innovation, guide student-led projects, and collaborate on interdisciplinary research that bridges academia and industry.

ACADEMIC QUALIFICATIONS

Degree	Institution	Board/University	Year	Division
M.E. (CAD/CAM)	Govt. Engineering College, Dahod	Gujarat Technological University	2018	First
B.E. (Mechanical)	Mahakal Institute of Technology, Ujjain	RGPV, Bhopal	2013	First
Higher Secondary	GTBHS, School	M.P. Board, Bhopal	2008	First (82%)
High School	SJCSS, School	CBSE, New Delhi	2006	First (70%)

PROFESSIONAL EXPERIENCE

- **GSFC University – GUIITAR Council (Incubation Center), Vadodara**
Senior Executive (Technical) | July 2025 – Present
 1. Managing technical operations, training programs, and CAD-based innovation projects.
 2. Coordinating workshops, mentoring startups, and handling design and prototyping activities.

- **ITM SLS Baroda University, Vadodara.**

Assistant Professor – Mechanical Engineering | Incubation Coordinator | IQAC Coordinator | Jan 22, 2024 – June 26, 2025

1. Experienced in teaching core mechanical subjects with a focus on CAD/CAM and product design.
2. Coordinated incubation activities, mentored student startups, and facilitated industry-linked projects.
3. Contributed to academic quality enhancement through IQAC documentation, audits, and accreditation processes.

- **Prashanti Group of Institutes, Ujjain.**

Assistant Professor – Mechanical Engineering | June 2023 – Jan 2024

- **Mahakal Group of Institutes, Ujjain.**

Assistant Professor – Mechanical Engineering | Sept 2018 – April 2023

- **Hi-Tech Metal and Formings, Indore.**

Assistant Design Engineer | June 2017 – August 2018

1. Designed tooling and fixtures using CATIA V5 and AutoCAD.
2. Maintained TS16949 documentation including Tool History Cards and Gauge Plans.

- **Khodiyar Infotech, Ahmedabad.**

Junior Design Engineer | June 2013 – May 2015

1. Delivered corporate training and handled CAD projects in mechanical and civil domains.
2. Trained professionals on AutoCAD, SolidWorks, and ANSYS.

PROJECTS & INTERSHIPS

- M.E. Thesis: **Modeling and analysis of wire rope for transmission line** using ANSYS (Static & Modal analysis).
- B.E. Training: Studied steam generation & maintenance at IPCA Laboratories.
- Major Project: **Robotic crawler** for crack detection in gas pipelines (GAIL, Vijaypur).
- Industry Projects: Butterfly valve modeling & deformation testing (JASH Engineering).
- BAJA Roll Cage Design and CFD Analysis.
- GO-Kart Frame Modeling & Impact Testing.

- Delivered 20+ Technical Seminars & 20+ CAD Workshops.
- Trained 5000+ students & 200+ professionals in CAD tools.

TECHNICAL SKILLS

- AutoCAD 2020 – Certified Instructor (Autodesk USA)
- CATIA V5 – Advanced
- CREO 4.0 – Advanced
- Solidwork 2018
- Ansys 16.0

RESEARCH & PUBLICATIONS

WORKSHOPS & FDPs

- Delivered Expert Lectures on “Computational Approach in Mechanical Engineering” (RGPV-STTP, TEQIP-III).
- Participated in 5+ Faculty Development Programs on 3D Printing & Simulation.

ADDITIONAL CREDENTIALS

- PTE Academic UKVI: Overall Score – 67
- UK NARIC Certificate (CEFR Level C1 Equivalent)
- Computer Skills: MS Office, Internet, Excel, Digital Tablets
- Languages: English, Hindi

PERSONAL INFORMATION

- Date of Birth: 04 May 1990
- Father’s Name: Dr. Sunil Duggal
- Permanent Address: 324 MIG, Indira Nagar, Ratlam (M.P.)
- Contact: +91-9806655106
- Email: amitduggal12@gmail.com, amit.duggal@gsfcuniversity.ac.in

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.

Amit Duggal

B.E. (Mechanical), M.E. (CAD/CAM)