

TEJAS PRJAPATI

Assistant Professor (Since July 2013)
Mechanical Engineering Dept.,
ADIT, New V. V. Nagar.

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ACADEMIC QUALIFICATION

Education	College/ School Name	University/ Board	Passing Year
PhD	A D Patel Inst of Tech	CVM University	Perusing
M.Tech. (Cad/Cam)	CSPIT, Changa	Charusat University	2013
B.E. (Mechanical Engineering)	B.V.M. Engineering college, V.V. Nagar.	S P University	2009

FIELD OF INTEREST

- Machine Design
- Computer aided Design
- Optimization
- Additive Manufacturing

SUBJECTS TAUGHT (UG/PG)

- Engineering Graphics
- Kinematics of Machines
- Machine Design & Industrial Graphics
- Theory of Machines
- Design of Machine Elements
- Dynamics of Machinery
- Machine Design
- Operation Research
- Rapid Prototype & Tooling (UG)
- Additive Manufacturing & Tooling (PG)

SOFTWARE SKILLS

- AutoCAD, CREO, Inventor, Fusion 360
- Ansys structural
- ProCAST

UG PROJECTS GUIDED: 33 UG projects + 1 PG Project

WORK EXPERIENCE:

- Working as an assistant professor at the Mechanical Engineering Department, ADIT since 01/07/2013.
- Worked as a Trainee lecturer at Mechatronics Department, GCET from 22 Aug, 2012 to 31 Jan, 2013.
- Worked as a Design Engineer at GMM PFAUDLER PVT LTD. From 01 Feb, 2011 to 10 Sept, 2011.
- Worked as a Trainee lecturer at Mechanical Engineering Department, GCET from 15 Feb, 2010 to 31 Jan, 2011.

LIST of PUBLICATIONS in Reputed Journals/Conferences:

- Tejas Prajapati, Mayur Sutaria “Geometry Dependency of Filling Related Defects” International Journal of Engineering Trends and Technology, Volume 4 Issue 5- May 2013
- Dinkal Dangroshiya, Dr.Y.D. Patel, Tejas Prajapati “Design Synthesis For 18 Speed Gear Box for a Machine Tool” ISTE State Annual Faculty Convention and Conference, ADIT, 30th Dec, 2017
- Tejas Prajapati “Effect of the Process Parameters on Surface Finish in Electromagnetic Abrasive Grinding Process” International Journal for Research in Applied Science & Engineering Technology, Volume 8 Issue V – May 2020
- Jvalant Trivedi, Shraddha Trivedi, Ravi Rathod, Manisha Makwana, Tejas Prajapati, “Vertical Axis Wind Turbines: A Review of the State-of-the-arts, Compliance Engineering Journal, Volume 11 Issue 12, 2020

MEMBERSHIP DETAILS:

- Lifetime Member of Indian Society of Technical Education (ISTE).