

Name: Priyadarsini Chilukuri
Designation: Assistant Professor
Department: Mechanical Engineering
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Experience (in years): Teaching:10 Research: Others (If any, Specify): --

1. Educational / Technical qualifications:

S.No.	Level (UG / PG / Ph.D.)	Year of passing	Specialization
1	Ph.D(pursuing)		Manufacturing
2	M.Tech	2013	CAD/CAM
3	BE	2007	Mechanical Engineering

2. Teaching and Learning:

2.1. Teaching Interests:

Engineering Graphics, Engineering Drawing, Machine Drawing, CAD/CAM, Advanced CAD, Advances in CAD/CAM, CAPP, CAD/CAM Lab, CAD Lab.

2.2. Novel Teaching & Learning Techniques adopted:

VNR Lab Protocol, WIT & WIL.

2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities:

3.1. Interests and Hobbies:

- Listening music
- Gardening
- Playing with kids

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity:

- Mentor for B.Tech Mechanical Engineering students.

3.5. Committees involved in:

Department level:

- Incharge, UG CAD Laboratory. (2017 onwards)

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: 03

4.2 Attended: 20

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapters published in Books:

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 5

b) PG: Major – 02; Mini – 02

5.5. Research Interests:

- Additive Manufacturing, Machinig, CAD/CAM

5.6. Ph.D.students: Not Applicable

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed Journals:

S.No.	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ Internati onal
1	"A Review on Thin Film Production by Convectional and 3-D Printing Methods",	Trends in Mechanical Engineering & Technology, Vol-10, Issue-03 ,pp 10-15,Dec 2020.	Vol-10, Issue-03 ,pp 10-15,Dec 2020.	Scopus Indexed and UGC Listed Journal; Google Scholar Indexed.	Internatio nal
2	"Modelling and Analysis of Shoulder Traction Surgery Kit", 2.	IOP Conference Series: Materials Science and Engineering, Vol-1012, Issue-01,Jan -2021,	doi:10.1088/1757-899X/1012/1/01201	Scopus Indexed and UGC Listed Journal; Google Scholar Indexed.	Internatio nal
3	,"3D-printing analysis of surface finish",	Materials Today: Proceedings Vol-43, pp 587-592,Jan 2021.	https://doi.org/10.1016/j.matpr.2020.12.085	Scopus Indexed and UGC Listed Journal; Google Scholar Indexed	Internatio nal
4	,"Design of unmanned guided vehicle	Materials Today: Proceedings, Feb 2021.	Feb 2021.	Web of Science	Internatio nal

	for rescue missions”,			/Google Scholar /Scopus	
5	,” Review on glass fiber reinforced polymer composites”,	Materials Today: Proceedings Vol-43 ,pp 314-319,Jan 2021.	Vol-43 ,pp 314-319,Jan 2021.	Web of Science /Google Scholar /Scopus	International
6	A Review on Ball, Roller, Low Plasticity Burnishing Process	Materials Today Proceedngs Volume 18,Issue 7, Pp 5087	ISSN: 2214-7853	0.69 Web of Science /Google Scholar /Scopus	International
7	Development and Applications of HHO Water Based Flame Torch	International Journal of Recent Technology and Engineering (IJRTE) Volume-7, Issue-6S, Pp 515-517	ISSN: 2277-3878	SCOPUS	International
8	Design of Ultrasonic Conical Horn using Aluminium Alloy and Steel	International Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019	Scopus	International
9	Modelling and simulation of a manufacturing industry with integrated lean manufacturing	IJREAM Vol-04, Issue-08, Nov 2018	ISSN : 2454-9150		International
10	Design and Analysis of Gas Foil Bearings	IJREAM	ISSN : 2454-9150	Indexed Google Scholar	International

		Vol-04, Issue-08, Nov 2018			
11	Unconventional And 3-D Printing Methods For Thin Film Production-A Comparative Study	National Conferenc e on Physics and Chemistry of Functional Materials (PCFM 2019)	February 21 st - 22 nd , 2019		National
12	Non-destructive Evaluation of Elasto-Plastic properties of Inconel Alloy through Micro Indentation	International Journal of Modern Engineering Research (IJMER) Vol. 2, pp. 101- 106	ISSN: 2249 6645		Internatio nal

5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6.Awards / Honors received:

7. Motto:

- Do smart work, not hardwork