Name: Priyadarsini Chilukuri
Designation: Assistant Professor
Department: Mechanical Engineering
EmailID: priyadarsini_ch@vnrvjiet.in

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:Member in Presencing in branding

4. Conference / Workshop / Seminar / Guest Lectures:

- Conducted: **03**
- Attended: 20

5.Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapterspublished inBooks:
5.3. Bookspublishedassingleauthororaseditor: 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/ International
1	Effect of Grade 5 titanium interlayer on microstructure and pitting corrosion behaviour of AA1100/A36 explosion welds	**Materials Today: Proceedings** Volume 59, Part 3, 2022, Pages 1659-1665	Volume 59, Part 3, 2022, Pages 1659-1665 2022/1/1	**(SCOPUS indexed)**	International
2	Modelling and analysis of a customized die for blow moulding machine	**Materials Today: Proceedings** Volume 62, Part 6, 2022, Pages 3306-3313	Volume 62, Part 6, 2022, Pages 3306-3313 2022/4/22	**(SCOPUS indexed)**	International
3	Enhancing wear properties of Al6061 metal-matrix composites by reinforcement of ZrB 2 nano particles	**Materials Today: Proceedings** Volume 59, Part 3, 2022, Pages A45-A51	Volume 59, Part 3, 2022, Pages A45-A51 2022/5/11	**(SCOPUS indexed)**	International
4	"Physical, mechanical and corrosion properties of Al6061/ ZrB	**Materials Today: Proceedings** Volume 59, Part 3, 2022,Pages **1708–1713**	Volume 59, Part 3, 2022,Pages **1708–1713** 2022/4/8	**(SCOPUS indexed)**	International

	2 metal matrix nano composites via powder metallurgy process "				
5	Effect of nano ZrB2 particles on physical, mechanical and corrosion properties of Al6061 metal-matrix nano composites through stir casting route	**Engineering Research Express**	**Eng. Res. Express 4 (2022) 025010**	**WOS/SCOPUS indexed**	International
6	Wear and corrosion behavior of AA6061 metal matrix composites with ilmenite as reinforcement	Materials Today: Proceedings Volume 52, Part 3, 2022, Pages 1515-1520	Volume 52, Part 3, 2022, Pages 1515-1520	**Scopus Indexed**	International
7	The Investigation of Machinability and Surface Properties of Aluminium Alloy Matrix Composites.	Journal of Engineering & Technological Sciences **Vol. 53, No. 4, 2021, 210412**	**Vol. 53, No. 4, 2021, 210412 ISSN: 2337-5779,**	**Scopus Indexed**	International

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