

Name : N.Srilatha

Designation: Assistant Professor

Department: Mechanical Engineering

Mail.I.D: srilatha_n@vnrvjiet.in



Experience (in years): Teaching:7 Research: Others (If any, Specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	M.Tech	2012	CAD/CAM
2	B.Tech	2010	Mechanical Engg
3	Intermediatete	2006	M.P.C
4	SSC	2004	SSC

2. Teaching and Learning:

2.1. Teaching Interests: CAD/CAM, CAPP,UCMP, Engineering Drawing, Advances in CAD/CAM ,machine drawing, production drawing, EWS, FMS.

2.2. Novel Teaching & Learning Techniques adopted: Pogol, WIT & WILL

2.3. Involvement in curriculum updating / Design: CAD\CAM, CAPP, FMS, CAM LAB

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading Books, Playing Games

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated: 20 workshops, 9 seminars

3.4. Counseling and Mentoring Activity: YES Is^t year mechanical

3.5. Committees involved in:

Department level:, Engineering Graphics Lab In charge

Institute Level: Audit cell member , PG School member

4. Conference / Workshop / Seminar / Guest Lectures:

- Conducted:2

- Attended: 17

- **Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: NILL

5.2. Articles / Chapters published in Books: NILL

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

5.4. Projects Guided:

a) UG:6

b) PG: minor 3, major 4

5.5. Research Interests: Design & Manufacturing

5.6. Ph.D students:

a) Enrolled: NILL

b) Submitted: NILL

c) Awarded: NILL

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	Vibratory Analysis Turbo Machinery Blades	International Journal of applied science and Engg Ideas	ISSN: 0974-8653	2.63	International
2	Design and Analysis of Shock Absorber: A Review	International Conference on Materials Processing and Characterization	Materials Today: Proceedings 5 (2018) 4832–4837		International
3.	Comparative Study of Wear Patterns of both Coated and Uncoated Tool Inserts in High Speed Turning of EN36 Steel	International Conference on Materials Processing and Characterization	Materials Today: Proceedings 5 (2018) 4368–4375		International
4	Dynamic Analysis of Shock Absorber Spring using Different Materials	International Journal of Emerging Technology and Advanced Engineering	(ISSN 2250-2459, ISO 9001:2008	3	International
5	Smart Regulator –	National			National

	Control of Fan Speed by Sensing Atmospheric Temperature	Conference on Materials & Manufacturing			Conference
6.	Experimental Investigation on Influence of Cutting Parameters on Tool Wear in Turning	International Journal of Emerging Technology and Advanced Engineering	ISSN 2250- 2459,		International
7.	DESIGN AND ANALYSIS OF PRESS TOOL	International Journal of Creative Research Thoughts (IJCRT)	ISSN: 2320-2882		International
8.	Implementation of Automatic Bus Fare Collection System using IOT	International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques	978-1- 5386-5130- 8/18/\$31.00 ©2018 IEEE		International
9	A novel method of friction drilling technique review	International Conference on Manufacturing, Material Science and Engineering	AIP Conference Proceedings 2200, 020052 (2019);		International
10	3D Finite Element Modeling and Simulation of Friction Drilling	International Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249 – 8958, Volume-9 Issue-2,		International

	Process				
11	OPTIMIZATION OF TURNING PARAMETERS ON SURFACE ROUGHNESS BASED ON TAGUCHI TECHNIQUE	International Conference on Materials Processing and Characterization	Materials Today: Proceedings 9: 3657		International
12.	Design of unmanned guided vehicle for rescue missions	SDME	Materials Today: Proceedings		International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				
2				

5.9. Sponsored research Projects:

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: “Positive Thinking Evokes More Energy, More Initiatives, More Happiness