

**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<sup>t</sup> 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:**

4.1    Conducted:2

4.2    Attended: 17

**5. 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:

<b>S.No</b>	<b>Title of the Paper</b>	<b>Journal Name Vol.No. PP</b>	<b>ISBN/ISSN No.</b>	<b>Impact Factor/ Citation Index</b>	<b>National/ International</b>
1	Vibratory Analysis Turbo Machinery Blades	International Journal of applied science and Engg Ideas	ISSN: 0974- 8653	2.63	<b>International</b>
2	Design and Analysis of Shock Absorber: A Review	International Conference on Materials Processing and Characterization	Materials Today: Proceedings 5 (2018) 4832-4837		<b>International</b>
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		<b>International</b>
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	<b>International</b>

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

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