

Name : SAHITHI VVD
Designation:ASST PROF
Department:MECHANICAL ENGG
Mail.I.D: sahithi_vvd@vnrvjiet.in
Experience (in years): Teaching: 6.5yrs



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.TECH	2010	MECHANICAL
2	M.TECH	2013	C.I.M

2. Teaching and Learning:

- 2.1. Teaching Interests: CIM, Strength of Materials, Engineering Drawing, Optimization,
- 2.2. Novel Teaching & Learning Techniques adopted: POGil
- 2.3. Involvement in curriculum updating / Design: CAD/CAM

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies:
- 3.2. CCA/ECA Organized:nil
- 3.3. CCA/ECA participated: 3D printing workshop,strength of materials workshop,FEM workshop
- 3.4. Counseling and Mentoring Activity: 1st year mentor
- 3.5. Committees involved in:
 - Department level: PDP Lab incharge ,department WEBSITE co ordinator, Digital Signage Incharge
 - Institute Level: PG SCHOOL CO ORDINATOR, Canteen committee member

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1 Conducted: NIL
- 4.2 Attended: 30

5. Academic Contribution and Research & Consultancy:

- 5.1. Invited Lectures: NIL
- 5.2. Articles / Chapters published in Books: NIL
- 5.3. Books published as single author or as editor: NIL
- 5.4. Projects Guided:
 - a) UG: 5
 - b) PG: 5 MAJOR PROJECTS ,1 ongoing,1 mini project

5.5. Research Interests: INVENTORY LOT SIZING, OPTIMIZATION USING SOFT COMPUTING

5.6. Ph.D students:

a) Enrolled: YES

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	An Iterative Improvement Search and Binary Particle Swarm Optimization for Large Capacitated Multi Item Multi Level Lot Sizing (CMIMLLS) Problem	International Journal of Engineering Research and General Science Volume 3, Issue 5, September-October, 2015	ISSN 2091-2730	3.72	International
2	Large Capacity Constrained Multi Product, Multi Level Lot Sizing Optimization Using binary particle swarm optimization	International Journal of Engineering Research and General Science Volume 3, Issue 5, September-October, 2015	ISSN 2091-2730	3.72	International
3.	A hybrid binary particle swarm optimization for large capacitated multi item multi level lot sizing (CMIMLLS) problem	IOP Publishing ,IOP Conf. Series: Materials Science and Engineering	ISSN 1757-899X	0.32	International
4.	A Literature Review On Lot Sizing	IJCRT,volume5, issue4,December2017	ISSN :2320:2882	5.97	International

5.	Music Based Harmonic Search Algorithm for Multi-Level Inventory Lot Sizing Optimization Problem	IJREAM, Issue-08, Nov 2018	ISSN : 2454-9150 Vol-04,	5.686	International
6.	A BRIEF LITERATURE REVIEW ON INVENTORY MANAGEMENT	IJAERD, Issue-03, March 2018	e-ISSN (O): 2348-4470	5.71	International
7.	A New Hybrid Optimization Algorithm to Solve Lot Sizing Problems	IJRASET, Volume 6 Issue III, March 2018	ISSN: 2321-9653	6.887	International
8.	CAPACITATED INVENTORY CONTROL THROUGH LOT SIZING USING HARMONY SEARCH ALGORITHM	IJESR/June 2018/ Vol-8/Issue-6/5-13	ISSN 2277-2685	6.660.	International
9.	An Extensive Study of multi level inventory lot sizing optimization problem	ICAMER -2019 <i>May 02-05, 2019</i>			International
10.	Optimization Of Turning Parameters On Surface Roughness Based On Taguchi Technique	ICMPC-2019	2214-7853		International
11.	A novel survey on fabrication and characterization of Aluminium -flyash composites using stir	IJMPERD	5347-5356		International

	casting method				
12	FLOWER POLLINATION ALGORITHM FOR MULTI LEVEL LOT SIZING OPTIMIZATION	INFORMATION TECHNOLOGY IN INDUSTRY	274-280		International
13	Design of unmanned guided vehicle for rescue missions	Materials Today: Proceedings			International
	Experimental investigation of mechanical and fracture behaviour of casted alumina (AA6061-SiC-flyash) metal matrix composites	Materials Today: Proceedings			International

6. Awards / Honors received:

7. Motto: "Positive Thinking Evokes More Energy, More Initiatives, More Happiness"