



Name: Soppari Bhanu Murthy
Designation: Asst.Prof
Department: Mechanical
Mail I'd: bhanumurthy_s@vnrvjiet.in

Experience (in years): 7 Teaching:7 Research: Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	UG	2012	Mechanical Engineering
2	PG	2015	Automation and Robotics
3.	Ph.D	Pursuing	

2. Teaching and Learning:

- 2.1. Teaching Interests: Automation and Robotics, Fluid Power systems, ICS and Automobile engineering
- 2.2. Novel Teaching & Learning Techniques adopted: PPT/CHALK AND TALK/NPTEL VIDEOS
- 2.3. Involvement in curriculum updating / Design: BTech and M.Tech

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: NA
- 3.2. CCA/ECA Organized: SPORTS
- 3.3. CCA/ECA participated:
- 3.4. Counseling and Mentoring Activity: YES
- 3.5. Committees involved in:
 - Department level: NBA/NAAC and ETC
 - Institute Level: NAAC /OBC CELL/ DISIPLANE COMMITTEE

4. Conference / Workshop / Seminar / Guest Lectures :

- Conducted: WORKSHOP/SEMINAR AND GUEST LECTURES
- Attended: WORKSHOPS and conferences

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:
- 5.4. Projects Guided :
 - a) UG :16 b) PG :11

5.5. Research Interests :

5.6. Ph.D students :

a) Enrolled :yes

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	Design and Development of an Automated Storage Organiser	Volume 5, Issue 13, Part 3, 2018	27248-27253		International
2	Investigation of Dimensional Accuracy and Material Performance in Fused Deposition Modeling	Volume 5, Issue 11, Part 3, 2018	23508-23517		International
3	Evaluation of Mechanical Properties of GFRP Composites with Fillers	Volume-8 Issue-11, pp. 3997-4001, 2019	ISSN: 2278-3075		International
4	Rapid Prototyping Technology- Classification and Comparison	Volume-04 Issue-06, pp.-3107-3111, 2017	e-ISSN: 2395 - 0056, p-ISSN: 2395-0072		International
5	Artificial Intelligent Braking System Using Different Sensors	978-1-5386-0373-4	978-1-5386-0373-4		International
6	FINITE ELEMENT ANALYSES OF TURBINE DISC WITH SURFACE CRACKS	P issn: 2321-7308	E issn: 2319-1163		International
7	Hand Gestured Controlled Wheelchair	Volume 7, Issue 3 March 2018	ISSN 2348-117X		International
8	Wireless Fire Fighting Robot	<i>Volume 6 Issue III, March 2018</i>	<i>ISSN: 2321-9653;</i>		International
9	Auto Indexing Gear Cutting Attachment for Pneumatic Shaper	Volume 5, Issue 3 March	ISSN 2394 – 3386		International

		2018			
10	Design of Sequential Electro-Pneumatic System	pp. 610–615, 2020.	pp. 610–615, 2020.		International
11	Evaluation of Mechanical Properties of Hybrid Composite	Volume 14 Issue 1 June 2020	ISSN: 2319-6319		International
12	OPTIMIZATION OF COMPOSITE FIBER ORIENTATION ANGLE USING PARAMETRIC ANALYSIS IN ANSYS COMPOSITE PRE-POST	Vol. 10, Issue 3, Jun 2020, 6669–6678	ISSN(P): 2249–6890; ISSN(E): 2249–8001		International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)
13	PROGRAMMABLE LOGIC CONTROLLER BASED PRODUCT SORTING SYSTEM BY USING COLOUR DETECTION SENSOR	Vol. 10, Issue 3, Jun 2020, 6247-6254	ISSN (P): 2249–6890; ISSN (E): 2249–8001		(IJMPERD)
14	EXPERIMENTAL INVESTIGATION ON IMPACT OF MWCNTS FOR DELAMINATION OF GFRP COMPOSITES	Vol. 10, Issue 3, Jun 2020, 6645-6652	ISSN (P): 2249–6890; ISSN (E): 2249–8001		IJMPERD)
15	Development of PLC based Sequential Pneumatic Punching System	1057 (2021) 012079	1057 (2021) 012079		IOP Conf. Series: Materials Science and Engineering
16	DESIGN AND SIMULATION OF PNEUMATIC APPLICATIONS FOR INDUSTRY USING AUTOMATION STUDIO	Vol. 11, Issue 1, Jun 2021, 21-26	ISSN (P): 2250–1584; ISSN (E): 2278–9383		IJAERD
17	Design and simulation of automated pad printing machine using automation studio	23 February 2021.	23 February 2021.		MATERIALS TODAY PROCEEDINGS

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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: Appreciation from academics as 100% pass

7. Motto: