

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: Vinay Kulkarni
Designation: Assistant Professor
Department: Automobile Engineering
Mail ID: vinay_k@vnrvjiet.in



Experience (in years): 5 Teaching: 6 Research: 0 Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
01	B.E (PDACE Kalaburagi India)	2012	Automobile Engineering
02	M.TECH(PDACE Kalaburagi India)	2014	Thermal Power Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: **Engineering Drawing, Elements of Mechanical Engineering, Thermal Engineering, Thermodynamics, Disaster Management Mitigation Measures, Fluid Mechanics, Automobile chassis, Automobile Electrical Systems, Automobile Transmission Systems, Transport management ,Introduction to advanced vehicle technology**
- 2.2. Novel Teaching & Learning Techniques adopted: PPT AND VIDEO VISUALS TO UNDERSTAND THE CONCEPT
- 2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Spending time with Family, Visiting Holy Places, Playing Cricket and Swimming
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counselling and Mentoring Activity: Mentoring to students of B.tech. III Year from 20071A2421 to 20071A2440
- 3.5. Committees involved in:
Department level:
Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted: 0

4.2 Attended:7

1. Workshop on solid works
2. Seminar On Future Based Automotive Technology
3. Future Scope and career Scope in Mechanical industry
4. 3 Days workshop on basics of electric vehicles and its design process by Eduxlab and IIT madras
5. FDP on UHV I conducted by AICTE
6. FDP on “CONTEMPORARY ADVANCEMENTS IN MATERIALS PROCESSING AND CHARACTERIZATION”
7. FDP on “Instructional Design and Delivery Systems”

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 :5 b) PG : 0

5.5. Research Interests: Thermal Engineering

5.6. Ph.D students :

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	Using Wire EDM to Predict Process Parameters for Surface Roughness on an Aluminium Metal Composite	European Chemical Bulletin/ Eur. Chem. Bull. 2023, Volume 12(Special Issue 4), 1202-1218 Section A	ISSN 2063-5346	0.4	International
2	Experimental Investigation On Performance Emission And Combustion Characteristics Of Single Cylinder Diesel Single Cylinder Diesel Engine Running On Engine Running On Bavanchi seed Oil Or [Psoralea Corylifolia Oil]	International Journal of Research in Engineering & Advanced Technology,/ Volume 2, Issue 4, Aug-Sept, 2014	ISSN: 2320 – 8791	1.479	International
3	FUEL FROM WASTE PLASTIC	International Engineering Journal For Research & Development IEJRD Volume 6 Issue 3, April- May 2021	E-ISSN: 2349-0721	7.169	International
4	DESIGN AND FABRICATION OF SOLAR TREE WITH ARTIFICIAL	International Engineering Journal	E-ISSN: 2349-	7.169	International

	OXYGEN PRODUCTION	For Research & Development IEJRD Volume 6 Issue 3, April- May 2021	0721		
5	LEAKAGE TESTING & AIR FILLING MACHINE	International Engineering Journal For Research & Development IEJRD Volume 6 Issue 3, April- May 2021	E-ISSN: 2349- 0721	7.169	International
6	DESIGN AND ANALYSIS OF PNEUMATIC SYSTEM BASED EXOSKELETON ARMS	International Engineering Journal For Research & Development IEJRD Volume 6 Issue 3, April- May 2021	E-ISSN: 2349- 0721	7.169	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: Deliver the best technical education to the students