

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET (2023-2024)

Name: G. V. SUBHASH

Designation: Assistant Professor

Department: Mechanical Engineering

Mail Id: vsubhash_g@vnrvjiet.in

Experience (in years): Teaching:09 Years **Research:** Nil

Others (If any, Specify): Industry: Nil



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of Passing	Specialization
1	B.Tech	2011	Mechanical Engineering
2	M.E	2013	Internal Combustion Engineering
3	Ph.D	Submitted	Bio-mix Biodiesel

2. Teaching and Learning:

2.1. Teaching Interests:

Fluid Mechanics and Machinery, Thermal Engineering, Turbo Machinery, Power Plant Engineering, Automobile Engineering, Engineering Drawing, Engineering Graphics, Thermodynamics, Refrigeration and Air Conditioning.

2.2. Novel Teaching & Learning Techniques adopted:

PPTs, Seminars, Roleplays, Debates.

2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

Reading Books, Singing, Playing Cricket

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA Participated: Nil

3.4. Counseling and Mentoring Activity:

Been a Class Coordinator, Student Counseling Mentor.

3.5. Committees involved in:

Department level:

Department Level responsibilities include Coordinator for seminars and Guest Lectures, Departmental Cultural activities Coordinator, Engineering Workshop In-charge, Fluid Mechanics and Machinery Laboratory Lab In charge, Thermal Engineering Laboratory Lab In-charge.

4. Conference / Workshop / Seminar / Guest Lectures:**4.1 Conducted:****Workshops**

1. A Three-Day workshop on “Recent Trends in Thermal Engineering”

4.2 Attended:**Seminars and Workshops**

1. Two Day National Seminar on “Advanced IC Engines & Emission Control Techniques” from 13- 14th July 2015 at Sree Vidyanikethan Engineering College, Tirupathi
2. 5-Day TEQIP Workshop on “Principles of Additive/Generative Manufacturing Technologies” from 1-5th December 2014 at IIT Hyderabad
3. 2-Day TEQIP Workshop on “Principles of Additive/Generative Manufacturing Technologies” from 7-8 th July 2014 at IIT Hyderabad
4. National Workshop on “Fast Forward with Solar Mission: Solar Photovoltaic Energy Technology” from 20-21st at Albertian Institute of Science & Technology, Kochi
5. One day workshop on “Recent Developments in CNG Utilization” from 22nd March 2012 at R.M.K Engineering College, Chennai

ORIENTATION / REFRESHER / STTTP / FACULTY DEVELOPMENT PROGRAMMES**Faculty Development Programs**

1. One Week online FDP on “Engineering Graphics Through Auto CAD” by Department of Automobile Engineering at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 3-7th April 2023
2. Participated in the Professional Development Programme on “Instructional Design and Delivery Systems” Conducted by VNRVJIET in association with NITTTR Chennai from 20.03.2023 to 25.03.2023 at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.
3. FDP on “New Technologies in Automotive Industry” from 4-6th August 2014 Jointly organized by CII & Bosch Ltd, Bangalore

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles / Chapters published in Books:

1. G. V. Subhash, Sivapirakasam, S. P and K. Hari Siva Sri Phanindra "Production and characterization of biomixture fuels from raw oil feed stock and the effect of ionic liquid as an additive on biomixture fuels." Biomass Conversion and Biorefinery (2021) (SCI). <https://doi.org/10.1007/s13399-021-01452-7>.
2. G. V. Subhash, Sivapirakasam, S. P and K. Hari Siva Sri Phanindra "Production, characterization and assessment of reformulated bio-mixture fuel from a mixture of various raw feedstocks and the effect of n-butanol as an additive on bio-mixture blends" Biomass and Bioenergy (2021) (SCI). <https://doi.org/10.1016/j.biombioe.2021.106246>
3. G. V. Subhash, Sivapirakasam, S. P and K. Hari Siva Sri Phanindra "Effect of diethyl ether additive on reformulated bio-mix blends from a mixture of different feed stock's" Waste and Biomass Valorization (2022) (SCI). <https://doi.org/10.1007/s12649-022-01871-1>
4. G v Subhash et al. "An Experimental Study on A CI Engine Fuelled with Soapnut Oil-Diesel Blend with Different Piston" IJERT, Volume: 02, Issue: 12, Dec-2013
5. G v Subhash et al. "Design and Study the Effectiveness of Engine Cylinder Fin with Variable Geometry and Material" IJERT, Volume: 05, Issue: 10, Oct-2016

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

5.4. Projects Guided:

a) UG: 10

b) PG: Nil

5.5. Research Interests:

Bio-mix biodiesel, Alternative Fuels, IC engines.

5.6. Ph.D students: Nil

5.7. Sponsored Research Projects: Nil

5.8 Consultancy Projects: Nil

6. Awards / Honors Received: Nil

Other Details:

1. Lifetime Member in The International Association of Engineers (IAENG)
2. Lifetime Member in International Society for Research and Development