



Name : Dr. G V L PRASAD

Designation: Assistant Professor

Department: Automobile Engineering Dept.

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Experience (in years): Teaching: 20 Research: 11 Others (If any, Specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2022	Thermal Engg. I C Engines
2	M.Tech	2010	Thermal Engg.
3	B.Tech	2000	Mechanical Engg.

2. Teaching and Learning:

2.1. Teaching Interests: I C Engines , Thermodynamics, Applied Thermodynamics, Finite Element Methods, CFD, Engineering Graphics, Modern Automotive Technologies.

2.2. Novel Teaching & Learning Techniques adopted: PPTs, POGIL, TED Videos and WIT&WIL

2.3 Involvement in curriculum updating / Design: Yes

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading Books

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: II. B.Tech. Automobile Engineering

3.5. Committees involved in:

- Department level: Department Association Coordinator, Department Placement Coordinator
- Institute Level: Discipline committee Sintillashunz,

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted: Organised One-Week Online Faculty Development Program (FDP)

4.2 Attended: FDP on Introduction to IOT, FDP on joy of Computing Python

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: 9

b) PG:

5.5. Research Interests: IC Engines , Alternate Fuels, ADAS

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/ISS N No.	Impact Factor/ Citation Index	National/ International
1	Effects of Al ₂ O ₃ Nano Particle Addition In Karanja Biodiesel on Performance, Emission and Combustion Characteristics of Diesel Engine	International Journal on Emerging Technologies Vol : 11, Issue : 2 Page Nos : 405 – 410	2249-3255	3.1	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Role of nano additive blended Karanja biodiesel emulsion fuel on performance and emission characteristics of diesel engine	SAE INDIA International Mobility Conference	International	8 th – 10 th February 2016
2	An Experimental Investigation To Study The Effect Of Cerium Oxide Nano Particle Additives In Karanja Biodiesel Blends	25 th National Conference On IC Engines and Combustion	National	15 th – 18 th December 2018
3	Influence of water emulsion along with CeO ₂ nanoparticles in CI engine performance for Karanja biodiesel blends	ICIME 2021 4 th International conference in innovations in mechanical engineering	International	26 th & 27 th Feb 2021

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Experimental investigation of the spray characteristics of nano particles blended water-diesel/biodiesel emulsion fuels	TEQIP – III , JNTUH	One year Sept- 2019 to Aug -2020	2.99 Lakhs	Completed Feb 2021

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned amount	Ongoing / Completed

6. Awards / Honors received:

7. Motto: Live and Let Live