



Name: **CH.RAJESWARI**

Designation: Assistant Professor

Department: MECHANICAL Engineering

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Experience (in years): Teaching: 8 Research: - Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B.E	2012	Mechanical Engineering
2.	M.E	2015	Machine Design
3.	Ph.D (Pursuing)	-	Composite Materials

2. Teaching and Learning:

2.1. Teaching Interests: Engineering Drawing, Design Engineering, Strength Of Materials, Mechanical Vibrations, Design of Machine Elements, Mechanics of Composite Materials.

2.2. Novel Teaching & Learning Techniques adopted: Power point Presentation, Videos, Assignments, WIT WIL, Lab Protocol.

2.3. Involvement in curriculum updating / Design: NA

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Following QUORA, To promote work efficiency and good attitude towards work, in organizations.

3.2. CCA/ECA Organized: --

3.3. CCA/ECA participated: --

3.4. Counseling and Mentoring Activity: Mentor for III B.Tech ME-I (1 – 20) Students

3.5. Committees involved in:

Department level: --Class Coordinator, NAAC,NBA

Institute Level: --

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

- 1) Co-Coordinator for National Level 5 day online FDP on “Nano Hybrid Composite Materials Characterization & Applications” from 24th-28th August 2020, organized by Department of Mechanical Engineering, VNRVJIET, Hyderabad.
- 2) Co-Coordinator for Short term Training program on Advanced Techniques in Modeling and Analysis for Mechanical Engineering (AICTE Sponsored) Module 2: Advanced Techniques in Modeling and Analysis for Structural and Thermal Applications from 31st August -5th September 2020, organized by Department of Mechanical Engineering, VNRVJIET, Hyderabad.
- 3) One of the speakers for Faculty Development Program on “Polymer Composites for Industry 4.0” from 13th June – 17th June 2022, organized by Department of Mechanical Engineering, VNRVJIET, Hyderabad.

4.2 Attended:

- 1) Attended FDP on A Two week AICTE Sponsored FDP on “Serial And Parallel Robots: Analysis, Design, And Applications” conducted by GVP, Vizag.
- 2) Attended FDP on Five day SPARC Course on “ Tribological Response of Advanced (Nano) Composites” conducted by NITW from 24th -28th February ,2020.
- 3) Completed NPTEL 12 Week Course on “Introduction to Composites” with a score of 72% .
- 4) Attended one week FDP on “Recent Advances in Material Characterization” organized by NITTTR, Chandigarh.

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 : 06

b) PG : Nil

5.5. Research Interests : Composites Materials, Nano Technology.

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	Stress Analysis Of Functionally Graded Disc Brake subjected to Mechanical Loading	IJMER/Vol 5/Iss 1	2249-6645	1.3	International
2	Role of Heat Treatment on Al2024/B ₄ C/Graphite Hybrid Metal Matrix Composites	Journal of Material Sciences & Engineering, Volume 8 • Issue 1 • 1000512	ISSN: 2169-0022	5.4	International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Effect of moisture absorption on the mechanical properties of jute/glass hybrid sandwich composites	International Conference on Sustainable Development in Mechanical Engineering (SDME 2020)	International	30 th -31 st October 2020.

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:*Do Good for others. It will come back to you in unexpected ways.

***The Cost of Discipline is always less than the Price of Regret.**