

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
KNOWLEDGE ASSET 2021



Name : MOHAMADAZIZ ATHANI

Designation : Assistant Professor

Department : Automobile Engineering

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Experience (in months): Teaching: 50 Industry: 30 (2.6 years)

1. Educational / Technical qualifications:

S No	Level (UG / PG / PhD)	Year of passing	Specialization
1.	B.E., BVB college of Engineering & Technology, Hubli, India.	2011	Automobile Engineering
2.	M.Tech., BLDEA's Dr. P.G.H college of Engineering & Technology, Vijayapura-586104, India	2016	Production Engineering & Systems Technology
3.	PhD., JSS SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU, India	Pursuing	Mechanical Engineering

2. Teaching and Learning:

2.1. Teaching Interests: Automotive Engines & Systems, Principles of Automobile Engineering, Modern Automotive Technology, Design for Manufacturing, Advanced Vehicle Technology, Entrepreneurship.

2.2. Novel Teaching & Learning Techniques adopted: VNR Lab Protocol, WIT WIL & POGIL, etc.

2.3. Involvement in curriculum updating / Design: Curriculum revision and syllabus updating

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Volleyball, Reading, Interactions on ideas.

3.2. Member Anti-Ragging committee.

3.3. Member Canteen committee.

3.4. Member Entrepreneurship Development cell

3.5. Department Coordinator-Laboratory Course Projects.

3.6. Counseling and Mentoring Activity for B.Tech.(2019-2023) Batch

3.7. Working on T-Hub Project with a team of three faculties and five students.

3.8. Mentoring and coordinating the B.Tech. II year II semester students to participate and successfully complete the three week “**National Electric Vehicle Program**” in May 2021.

3.9. Started the **CAD/CAE consultancy** in Automobile Engineering Department with a team of four faculties under the guidance of HoD/AE. Aims to provide the consultancy support for the **CAD/CAE companies** in the field of design and analysis.

3.10 Faculty Coordinator for the “Introduction to ENTREPRENEURSHIP” course conducted by Indo Universal collaboration for Engineering Education foundation from August to December 2020.

4. Conference / Workshop / Seminar / Guest Lectures:

- 1) INTERNATIONAL E-CONFERENCE ON SUSTAINABLE DEVELOPMENT IN MECHANICAL ENGINEERING, VNRVJIET, Hyderabad from 30/10/2020 to 31/01/2020.
- 2) “2nd International Conference of Engineering and Advancement in Technology” held on 16th July 2021 at Lords Institute of Engineering and Technology, Hyderabad.
- 3) “MSC User Conference 2021” (Online conference) held on 1st & 2nd September 2021.

5. Academic Contribution and Research & Consultancy:

5.2. Articles / Chapters published in Books: -

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

5.4. Projects Guided:

a) UG: 4

5.5. **Research Interests:** Tribology-Wear study of automotive components, Automotive CAE- Hyperworks (CAE software)

5.6. PhD students: NA

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	Sliding wear characteristics of aluminium silicon alloy with macro addition of magnesium at room temperature	Elsevier Materials Today: Proceedings Volume/Issue: 45P2 15 March 2021	2214-7853	Scopus Indexed	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
01	Sliding wear characteristics of aluminium silicon alloy with macro addition of magnesium at room temperature	AICTE Sponsored International E-Conference on Sustainable Development in Mechanical Engineering VNRVJIET, Hyderabad	International	October 30-31 2020
02	"Experimental Investigation on Mechanical Properties of Aluminum Alloy by Varying the Content of Mg"	"2nd International Conference of Engineering and Advancement in Technology" held on 16th July 2021 at Lords Institute of Engineering and Technology, Hyderabad	International	July 16-17 2021
03	The demonstrating and estimation of the sunlight-based irradiance of the vehicle body for exact, significant, and non-one-sided assessment of the energy yield of vehicle mounting PV modules	MSC User Conference 2021 Online conference	International	September 01-02 2021

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:

- 1) University 3rd rank in M. Tech. (VTU, Karnataka)**
- 2) Best Project award to Nissan Stiffness team in 2013 at Creative Synergies Consulting India Pvt. Ltd., Bangalore, India.**
- 3) First Runner up award at MSC User Conference 2021 held on 1st & 2nd September 2021.**

7. Motto: “Work towards the growth of the institute in the process, making best use of the opportunities provided for learning”.