

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 Years): Teaching: 6.1 Industry: 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, Connected & Autonomous Vehicles, Automotive Electrical and Electronics, Automotive Embedded system.

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. In charge MoU's.

3.3. Member Canteen committee.

3.4. Member Entrepreneurship Development cell

3.5. Department Coordinator-**Laboratory based Course Projects.**

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

3.7. 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.

3.8. 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. Offered Training for the B. Tech Third year AE & ME students in Altair Hyperworks software through CDC.

3.11. Resource person for certificate course for B.Tech Final Year students in Altair Hyperworks software.

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 Aluminium 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 | MSC User Conference 2021 Online conference | International | September 01-02 2021 |

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|--|-----------------------------|--|--|--|
| | vehicle mounting PV modules | | | |
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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 |
|-------------|--------------|---------------|---------------|--------------------------|----------------------------|
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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) Presented a paper and selected for First Runner up award, with a cash prize of Rs. 50000/- 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”.