

CURRICULUM VITAE

Mr.J.MOHANA JAI GANESH

Teaching Fellow

Department of Mechanical Engineering

UCE – BIT Campus, Tiruchirappalli 620 024

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➤ **Research Area:**

- Effect of additive incorporated biofuel on performance combustion and emission aspects of thermal barrier coated IC engine

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
ME(Thermal Engineering)	University college of engineering(BIT campus)/Anna university	2013	72	First class
BE(Mechanical engineering)	Kurinji college of engineering/Anna university	2009	62	First class

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
MAR polytechnic college	lecturer	26.11.2010	31.05.2013	2.6
University college of engineering(BIT campus)	Visiting Faculty	03.08.2013	20.05.2016	2.7
University college of engineering(BIT campus)	Teaching Fellow	24.05.2016	Till date	7.4

➤ **Awards / Honours Received:**

1. Certificate of appreciation has secured 100% result in Fluid mechanics and machinery semester examination held during Nov-Dec2020

2. Certificate of appreciation has secured 100% result in Engineering Thermodynamics semester examination held during Nov-Dec2020
3. Certificate of appreciation has secured 100% result in Automotive Air Conditioning semester examination held during apr-may2021
4. Certificate of appreciation has secured 100% result in principles of management semester examination held during apr-may2021
5. Certificate of appreciation has secured 100% result in Production planning and control semester examination held during apr-may2021
6. Certificate of appreciation has secured 100% result in Fluid mechanics and machinery semester examination held during Nov-Dec2021
7. Certificate of appreciation has secured 100% result in Engineering thermodynamics semester examination held during Nov-Dec2021
8. Achieving secured 100 % result in Power plant engineering semester examination held during Nov-Dec2022

➤ **Additional / Academic Responsibilities at University:**

1. Department Internal assessment test co-ordinator
2. Department placement co-ordinator
3. Class in-charge for second year automobile engineering in third semester academic year of 2022-2023

➤ **Membership of Scientific and Professional Societies:**

1. NIL
2. NIL

➤ **Fellowships and Grants received:**

- NIL

➤ **Completed PG/UG Projects:**

- a. Number of PG Projects Completed: NIL
- b. Number of UG Project Completed: 04 batches

➤ **Research Guidance (M.S/Ph.D.) (Completed):**

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce

1.	NIL	NIL	NIL	NIL
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➤ **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.	NIL	NIL	NIL	NIL

➤ **Publications:**

a. **Books / book chapters:**

1. NIL

b. **International Journals:**

- Gopal P, Chandrasekar M and Mohanajaiganesh, “Experimental Analysis of Heat Transfer and Pressure Drop Characteristics of Aluminum Oxide Nanofluid in Tube with Meshes ”, 2014 NanoTrends (A Journal of Nanotechnology and its applications), Vol.16, No.1,PP.19 – 25.

c. **National Journals:**

1.

➤ **Patents:**

➤ **Sponsored Research Projects:**

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status
	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>

➤ **Consultancy Activities:**

Sl.No	Name of the work	Role (PI/Co PI)	Agency	Amount	Duration
	NIL	NIL	NIL	NIL	NIL

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

- NIL

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

- Participated one week TEQIP II sponsored faculty development programme on Latest advanced technology and task in automobile engineering (LATTAE'13) organized by the department of automobile engineering.
- Participated two-week faculty development programme on advanced manufacturing methods and materials
- Participated one-week faculty development programme on python programming with industry perspective scheme of financial assistance for setting up of electronics and ICT academies by the ministry of electronics and information technology(MeitY), Government of India.
- NPTEL course completed at Nanotechnology, science and applications
- NPTEL course and faculty development programme completed with ELITE certification in ic engines and gas turbines

➤ **National / International Conferences organized / Participated:**

- Paper presenting Study on mechanical properties of corn husk particle and epoxy fiber reinforced polymer composites at TEQIP II & CSIR Sponsored international conference on energy and environmental system
- Presenting paper analysis of heat transfer for twist insert tubes at National conference on innovative research in materials, manufacturing and design
- Paper presenting study on analysis groove geometry effect on heat transfer for helically grooved tubes at national conference on recent advancement in technologies
- Participated in one day seminar on Quality research and funding opportunities:An innovative approach
- Participated in two days' workshop on Automotive materials(AUTOMAT'16)

Professional recognitions: (details like chairperson/member of a committee, reviewer, editor ...etc)

- **NIL**

(A) Chairperson for conferences / Seminar / Technical symposia:

- NIL

(B) Guest lectures delivered:

- NIL