

Name: K. Mohan Laxmi

Employee ID: A5MEC00T41

Designation: Asst. Professor

Department: Mechanical Engineering

Date of Birth: 10-08-1988

Father Name: K. Simhachalam

Mother Name: K. Surya Sudha

Reservation Category if Any BC-D

SC	ST	BC- A/B/C/D/E	OC
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Address: W/o Dr. P. Ganesh, Amrutha Medicare, Narasannapeta, Srikakulam.

Mobile Number: 9703082834

Email id: lakshmi100988@gmail.com

Date of Joining in the Institution: 17-01-2014

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. Tech	K.L. U, Vijayawada	DISTINCTION	Dec, 2013
B. Tech	GITAM, Visakhapatnam	DISTINCTION	May, 2010

Total Years of Experience (Teaching/Industry): 01 Years

Period		Organization/Institution	Designation
Jan 2014	Till date	AITAM, Tekkali	Asst. Professor

Areas of Interest:

1. Thermal Engineering
2. Fluid Mechanics & Hydraulic Machines
3. Heat & Mass transfer
4. Gas turbines and jet propulsions
5. Thermodynamics
6. Fuels and combustion
7. Power plant engineering
8. Engineering mechanics
9. Automobile engineering
10. Thermal and nuclear power plants

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : -4
- iii) Bachelor Projects : 4

Sponsored Research Projects:

S. No.	Sponsoring Agency	Title of the Project	Grant
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Honors and awards received: -**Memberships of Professional Societies and Other Organizations:**

ISTE (The INDIAN society for technical education),IE

Other Responsibilities:

1. Coordinator of tutorial makeup and remedial classes in the department
2. Coordinator of women's counselling in the department
3. Coordinator for stake holders feed back in the department

Details of Book Publications: -**Details of Publications:****Details of Publications:**

Sl. No	Topic name	Journal name	Date of publication
1	Modeling and simulation of gas flow velocity in catalytic converter with porous	IJERA	june 2013
2	Computerized simulation of spark ignition internal combustion engine	IOSR	Feb2013
3	Modelling and simulation of different gas flows velocity and pressure in catalytic converter	IJCER	April 2013
4	Numerical analysis of a flow pattern with in the impeller of a centrifugal blower	IJAER	Nov 2015
5	Experimental study on thermal efficiency of flat plate solar collector using water ethylene glycol and sic nanopowder	IJAER	Nov 2015

6	Performance and thermal analysis of one shell two tube pass heat exchanger with ethylene glycol and SIC nano fluid	IJAER	NOV 2016
7	Thermal and fluid flow analysis of washing machine using CFD	IJAER	NOV 2015
8	Analysis for natural circulation loop	APJR	August2016
9	Valuation of turbulence modelling on low speed centrifugal compressor using computational fluid dynamics	IJMET	Nov 2016
10	Numerical solutions for performance prediction of centrifugal compressor	IJMET	Feb 2017
11	Numerical coating and optimization and thermal analysis of four stroke CI engine piston	IJMET	August 2017

Details of Conferences / Workshops / Refresher Courses Organized: -

Details of Conferences / Workshops / Refresher Courses Attended:

S. No.	Dates	Name of the Programme	Host Institution
1	8 th march 2014	Role of women in today's society	AITAM, Tekkali
2	15 th and 16 th Nov 2114S	Twenty first century , the dawn of digital era ; pedagogical issues of technical teachers	AITAM, Tekkali
3	17 th to 21 st Oct, 2016	A five day FDP on Advances and Applications of composites , Nano materials and nano fluids	AITAM, Tekkali

Other Achievements:

1. Ratified as a assistant professor by JNTU Kakinada

K. Mohan Kumar

Signature