

CURRICULUM VITAE

NAME: MOHAMMAD HASHEER SHAIK

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CAREER OBJECTIVE

Aim to be placed in a challenging organization that gives me scope to update my knowledge & skills in accordance with the latest trends and be a part of team that dynamically works towards growth of Organization thereof.

ACADAMIC RECORD

Qualification	Institution	Year of Passing	Percentage
M.E. (Heat transfer in Energy systems)	Andhra University College Of Engineering	2011	8.11(CGPA)
B.Tech (Mechanical Engg.)	R.V.R&J.C college of ENGG.	2009	74.26%
Intermediate	Vivekananda intensive junior college	2005	88.10%
Board of secondary Education	St. Charles high school	2003	82.16%

Professional Experience:

Address of the Institution	Post Held	Duration	Nature of Experience
R.V.R & J.C. College of Engineering, Guntur, Andhra Pradesh	Assistant Professor	Since June 2013	(i) Taught courses to the students of B.Tech.(Mech. Engg). programs (ii) Administrative works
Bapatla Engineering College,Bapatla	lecturer	1 years (2012-13)	Taught courses to the students of B.Tech.
<i>Vignan Nirula inst. of Science & Tech.,Guntur</i>	Assistant Professor	1 years (2011-12)	Taught courses to the students of B.Tech.

Summary of the Teaching and Administrative Duties in the College:

I. Subjects Taught/ Teaching at present :

1. I.C Engines & Gas Turbines
2. Refrigeration & Air conditioning
3. Automobile Engineering
4. Power plant Engineering
5. Heat Transfer
6. Hydraulics and Hydraulic Machines
7. Pumps and Prime Movers
8. Engineering Drawing
9. Basic Thermodynamics

II. Labs handled :

1. Fuels & I.C engines Lab
2. Heat Transfer Lab
3. Work shop practice-I

Projects Guided

B.Tech Projects: 5 (completed), 1(ongoing)

- Guided final year students of Mechanical Engineering discipline in various projects involving thermal related projects, CFD analysis of a gas turbine blades.

Administrative Duties

1) In charge of II/IV, III/IV B.Tech Classes

Duties carried as class teacher:

- Counselling of students regularly by maintaining a student counselling Register
- Preparation of monthly attendance reports
- Weak students will be given extra tutoring
- Arranging short and long industrial tours
- Accompanying with students for long and short Industrial tours.
- Arranging Guest lectures with subject experts

Additional Relevant Details:

Workshops/seminars Conferences / Courses Attended:

1. Attended three day faculty development programme on CFD application-STAR-CCM+ Conducted by JNTU PULIVENDULA during January 16 -18, 2014.

2. Attended Two Day Faculty Development Programme on "Advances in Sustainable Energy studies" Conducted by Department Mechanical Engineering, NIT Warangal during November 1-2, 2014.
3. Participated in the 'Induction training programme conducted for young faculty', conducted by ISTE chapter, R.V.R &J.C College of Engineering, Guntur, during 1st and 2nd may 2015.
4. Attended Two Day National workshop on 'Recent advances in I.C Engines' conducted by Department of Mechanical Engineering , VR Siddhartha Engineering College, during 31 March to 1 April 2016.
5. Attended Two Day National Seminar on "March to Make in India through Engineering Advancements (MMIEA) during 29 - 30 September, 2016 at RVR&JC college of Engineering, Chowdavaram.
6. Attended one week short term course on 'Basics and Developments in Refrigeration and air conditioning RAC-2017' organized by SVNIT during Feb27-Mar3, 2017.
7. Participated in AICTE approved faculty development programme on Materials Chemistry: Solids, Nano Materials and Semi-Conductors from Oct 29-Nov 05,2017 conducted at IIT Madras.
8. Attended a Short term course on 'Advanced Process Control and Instrumentation system', organized by NITTR Kolkata during 07-11 Jan 2019.
9. Attended a Short term course on Computational Fluid Dynamics organized by IISC Bangalore during 13-17 Aug, 2018.
10. Participated in AICTE approved faculty development programme (FDP101X) on Foundation program in ICT for education at IIT Bombay in Dec. 2018.
11. Participated in AICTE approved faculty development programme (FDP201X) on pedagogy for online and blended teaching learning process at IIT Bombay in Dec. 2018.
12. Attended the AICTE sponsored STTP on 'Measurement and Analysis of In-cylinder Processes in Engines' to be conducted at IIT Madras during 25-30 Nov, 2019.
13. Participated in AICTE Sponsored two week FDP on Emerging Technologies and Challenges in Mechanical Engineering, 21 Oct. – 2 Nov. 2019, organized by Department of Mechanical Engineering, RVRJCCE.

Papers Published:

1. Md Hasheer, K Srinivas, Thermodynamic analysis of a Low GWP Refrigerants as a Drop in substitute of R134a in a Domestic Refrigerator, Iranian Journal of Energy and Environment 9 (2), 130-136. Citations:1* 2018
2. MH Shaik, S Kolla, B Prasad Katuru, Exergy and Energy analysis of low GWP refrigerants in the perspective of replacement of HFC-134a in a Home Refrigerator, International Journal of Ambient Energy, 1-12.2020
3. Mohammad Hasheer Sk, K. Srinivas Performance Comparison of a Low GWP Refrigerants as Alternatives to R134a in a Refrigerator with and Without Liquid-Suction Heat Exchanger, Materials Science Forum 969, 343-348.2019
4. Mohammad Hasheer Sk, K. Srinivas "Effect of Hydrofluorocarbons and Hydrofluoroolefins in a Household Refrigerator as a Substitute for R134a",Materials Science Forum 969, 199-204,2019
5. SK Mohammad Hasheer, K. Srinivas "Thermodynamic Analysis Of Low Gwp Refrigerant Mixtures In A Refrigerator As Replacement To R-134a", Strojnicky časopis – Journal of Mechanical Engineering, 69 (NO 4), 147 – 158,2019
6. 'Mohammad Hasheer SK, K. Srinivas "Performance analysis of alternative low GWP refrigerant mixtures as a direct substitute of HFC-134a in a Domestic Refrigerator using LSHX", International Journal of Innovative Technology and Exploring Engineering 8, 2019.
7. KS, MD.Hasheer.Sk, Turbine Blade Cascade Heat Transfer Analysis Using CFD –A Review, IJSTE 1 (7), 4-8, 2015.

Paper Presentations in Conferences:

- Presented a paper on 'Performance comparison of low gwp refrigerants as alternative R134a in a refrigerator with and without liquid suction heat exchanger' in International Conference on Recent Advances in Materials and Manufacturing Technologies (ICRAMMT-2018) 19-20 November 2018, at MLRITM, Hyderabad.

SOFTWARE SKILLS AND EXPOSURE PROFILE

- **Programming Languages** : C, MS office.
- **Design SOFTWARES** : Auto CAD, CFD, ANSYS

PERSONAL PROFILE

Name : Mohammad.hasheer.shaik
Father's name : Daria vali SK
Date of birth : 23-11-1987

Nationality : Indian

Hobbies : Playing cricket, listening music.

Strengths : Good Communication Skills, Hard Working, Keen towards attaining final goal, provides Leadership and direction in the development of short and long plans.

Address : **Mohammad. Hasheer.shaik**
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Guntur,
Andhra Pradesh.

Declaration:

I hereby declare that all the statements made herein are true to the best of my knowledge and belief. Incase any of particulars furnished by me are found to be false at any stage my candidature is liable to be summarily rejected.

Place:

Date:

Sk.Md.Hasheer