

Ramya M

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11-16F , "Pragathi" House,
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India -575022.

Career Objective **"TO ACHIEVE PROSPERITY AND PROGRESS THROUGH SERVICE AND SINCERITY"**

I love to learn and am always up to a challenge. I get along well with others, while also working efficiently on my own and an opportunity for advancement as well as the development of my skills and knowledge.

Profile

Master's degree in Thermal Power Engineering with ten years of teaching experience and three months of industrial experience. Active in leading a team, organizing as well as anchoring programs and workshops.

Teaching Experience

Asst. Professor (July 2014- Till Date):

*Dept. of Mechanical Engineering
St. Joseph Engineering College, Mangalore, Karnataka.*

Lecturer (February 2011 to October 2012):

*Dept. of Mechanical Engineering
St. Joseph Engineering College, Mangalore, Karnataka.*

Lecturer (June 2010 to November 2010):

*Dept. of Mechanical Engineering
Sahyadri College of Engineering and Management, Mangalore, Karnataka.*

Industry Experience

Systems engineer trainee (December 2010 to February 2011)

Infosys Technologies Pvt Ltd, Mysore, Karnataka, India

Research Experience

Registered for Ph.D. at NITK-Surathkal on August 2021 as an External Registrant in the department of Metallurgical and Materials Engineering.

Research Area

Lithium-ion battery materials

Education

Post-Graduation - M. Tech (2012-2014)

Thermal Power with First Class with distinction from Visvesvaraya Technological University, Belgaum, Karnataka, India with 72%

Bachelor of Engineering (2006-2010)

Mechanical Engineering with First Class with distinction from Visvesvaraya Technological University, Belgaum, Karnataka, India, secured 70%

Funded Project

Karnataka State Council for Science and Technology (KSCST)-

Student Project-40th Series-Year 2016-17.

Project proposal entitled- *Production of High-Grade Liquid Fuel for CI Engine by Thermo-Catalytic Cracking of Waste Plastic*

Sanctioned to: *Mr. John Paul Vas and Ms. Ramya M*

Sanctioned amount-*Rs. 8000/-*

Papers published

1. Sushanth Harischandra Gowda, **Ramya Moodakere**, Joel Dmello, and Kandavalli Raju “Influence of injection timing engine in performance and emission using milk scum biodiesel blends on CI” Emerging trends in mechanical engineering etime-2019 August 2019 at St. Joseph Engineering College, AIP Conference Proceedings 2236, 030005 (2020); published 20 May 2020. <https://doi.org/10.1063/5.0007455>.
2. Karthik Madhyastha, **Ramya M**, Alister Gleason D’Souza, Duane Clive Gonsalves Ashley Glen D’Souza and Gavin Mark Vas “Design and Analysis of an Open Circuit Subsonic Wind Tunnel” Emerging trends in mechanical engineering etime-2018 August 2018 at St. Joseph Engineering College, AIP Conference Proceedings 2080, 040005 (2019); <https://doi.org/10.1063/1.5092923>.
3. **Ramya M**, John Paul Vas, Antony Varghese, Akhil Thomas Varghese, George Varghese, Kuruvilla Thomas Kuttothara “Analysis of Performance Characteristics of Waste Plastic Fuel Oil blend in a VCR CI Engine” Emerging trends in mechanical engineering etime-2017 4th and 5th August 2017 at St. Joseph Engineering College, Energy and Power 2017, 7(5): 123-129 DOI: 10.5923/j.ep.20170705.01 Published online at <http://journal.sapub.org/ep> Copyright © 2017 Scientific & Academic Publishing.
4. John Paul Vas, **Ramya M.**, Ashlin Leroy Dsilva, Earl Serrao, Farish Demash, Joshua Damien Dsa “Production of High-Grade Liquid Fuel for CI Engine by Thermo-Catalytic Cracking of Waste Plastic” Emerging trends in mechanical engineering etime-2017 4th and 5th August 2017 at St. Joseph Engineering College, Energy and Power 2017, 7(3):81-87 DOI: 10.5923/j.ep.20170703.05, Published online at <http://journal.sapub.org/ep> Copyright © 2017 Scientific & Academic Publishing.
5. **Ramya M**, Dr. Ramakrishna N. Hegde, Gangadhar Sheri, “Study on setting the performance parameters of coal mill for optimum results” proceedings of International conference “ICETE-2014” at Nitte, NMAMIT Mangalore, 15th -17th May 2014, Vol1, ISBN: 978-93-83083-80-0, pp151-157.
6. **Ramya M**, Dr. Ramakrishna N. Hegde, Gangadhar Sheri, “Performance Evaluation and Optimization of ZGM123N Coal Mill at Thermal Power Plant” Proceedings of the 2nd International Conference on Current Trends in Engineering and Management ICCTEM-2014, 17th – 19th, July 2014, Mysore, Karnataka, India. ISBN:978-93-83842-61-2

Awards and Recognitions for paper presentations

1. Secured 1st place in national level P.G technical paper presentation competition at ‘Vision 2014’, K.V.G.C.E Sullia, Karnataka, India.
2. Secured 1st place in technical paper presentation competition in an intra-collegiate fest, ISTE fest “SPURANA 2010” held at P. A. College of Engineering, Karnataka, India.
3. Secured 2nd place in State level Technical paper presentation “Readme’10” at Sahyadri College of engineering Karnataka, India.
4. Secured 2nd place in State level Technical paper presentation “Emergia ‘10” an event organized by IEEE student branch & WIE affinity group at Canara engineering college, Karnataka, India.

Achievements

1. Best Outgoing Student award in M.Tech, Thermal Power Engineering.
2. Best Outgoing Student award in B.E, Mechanical Engineering for Academic and Extra Curricular Activities.
3. Best Student award in P.U.C. for Academic and Extra Curricular Activities.

Technical Skills

1. Programming Languages: C basics
2. Operating Systems: Windows and fedora.
3. Mechanical Software: Solid EDGE, ANSYS-Fluent.
4. Documentation: MS office

Personal Information

- *Marital Status: Married*
Languages Known: English, Hindi, Sanskrit, Kannada, Malayalam, Tamil, Tulu

References

1. *Dr. Udaya Bhat K*
Professor
Department of Metallurgy and Materials Engineering
National Institute of Technology Karnataka(NITK)
Surathkal, Mangalore-575025
Karnataka, India
Email: udayabhatk@gmail.com
2. *Dr. S. A. Khan*
Professor
Department of Mechanical Engineering
IIUM, Kuala Lumpur
Malaysia
Email: sakhan@iium.edu.my

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Mangalore

Ramya M