



Mr. Ravishankar M D

Assistant Professor

CONTACT

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📍 Mysuru, Karnataka

Professional Experiences:

Teaching: 10 Years

Industrv: 02 Years

Courses Taught:

- Elements of Mechanical Engineering
- Material Science & Engineering
- Computer Aided Machine Drawing
- Basic Thermodynamics
- Applied Thermodynamics
- Project Management
- Non-Conventional Energy Sources
- Heat Transfer
- Energy Engineering
- Entrepreneurship
- Lean Manufacturing
- Statistical Quality Control
- Design for Manufacturing
- Work & Time Study
- Energy & Environment
- Heat Transfer Lab
- Energy Lab
- IC Engines Lab
- Metrology and Measurements Lab

ABOUT ME

I am a Mechanical Engineering graduate from JNNCE, Shivamogga and have a Master's degree in Industrial Engineering and Management from MIT, Manipal. I have worked in the capacity of New Product Development Engineer and Process Engineer for over 2 years and an academic experience of over 10 years. I have handled consultancy works in association with NIMI Chennai and Amrita Vishwa Vidyapeetham.

RESEARCH INTERESTS:

Lean Manufacturing, Six – Sigma, MTM Techniques, Heat Transfer, Energy Management

EDUCATION

- **M.Tech.:** Industrial Engineering & Management
Institute/University Name: Manipal Institute of Technology, Manipal
Year of Graduation: 2013
- **B.E.:** Mechanical Engineering
Institute/University Name: JNNCE, Shivamogga, VTU
Year of Graduation: 2010

PUBLICATIONS

- **Extraction of Water from Air using Renewable Energy**, *American International Journal of Research in Formal, Applied & Natural Science*, Issue 28, Volume 1 (September- November 2019), ISSN (Print): 2328-3777, ISSN (Online): 2328-3785, ISSN (CD-ROM): 2328-3793
- **Development of Solar Coffee Dryer using Forced Convection**, *International Journal of Advances in Engineering and Management (IJAEM)*, Volume 4, Issue 3 March 2022, pp: 528-537, ISSN: 2395-5252

FDP/STTP/ WORKSHOPS/CONFERENCES/SEMINARS ATTENDED:

Name	Date	Duration	Organizer
Renewable energy & Waste Management	22-07-2019	14 days	AICTE & MSRIT
Renewable Energy Sources	15-05-2020	7 days	ISHRAE and MKSSS-CCoEW, Nagpur
Writing quality research paper and proposal	22-05-2020	1 day	International school of management, Patna
Trends in Energy Conservation Technologies	06-07-2020	7 days	VVCE, Mysuru
Ventilation, Air-conditioning & Refrigeration Engineering (VAR-2020)	06-07-2020	5 days	BPUT, Odisha
Moodle & E- Content Creation	27-07-2020	6 days	CIT, Ponnampet
Modern Pedagogical Techniques for Effective Teaching & Learning	08-02-2021	5 days	ATAL, AICTE
Small Wind Turbines: Design, Development and Testing	19-05-2021	7 days	AICTE, ISTE
Recent Developments in Mechanical Engineering	21-06-2021	6 days	CIT, Ponnampet
Energy Conversion and Storage Devices	01-07-2021	5 days	ATAL, AICTE, IIT (Hyderabad)
Organizational Behaviour	23-11-2021	5 days	ATAL, AICTE, MGU
Trends and Challenges in the Development of EVs and Hybrid Vehicles	14-11-2022	5 days	LIET, Vizianagaram, AP
Innovation, Research and IPR - Journey Towards Excellence	01-03-2023	5 days	IIC & SAE India
Introduction to Cyber Security	22-05-2023	5 days	AICTE & VTU
Smart Materials & Systems	29-05-2023	5 days	AICTE & VTU
Design and Development of Air Conditioning Systems	01-01-2018	5 days	QIP, AICTE, COE-Pune
Master-CAM X9 and its Applications in CNC	25-07-2018	3 days	NIEIT & GT&TC, Mysuru
How to Balance Academics and Administrative Work	25-05-2020	1 day	Zovy Studios with MITWPU, DYPU, ZES, Pune & SIAT, Jabalpur
Automation Technologies in FMCG Sector	28-09-2020	6 days	NIEIT, Mysuru
An overview of Teaching Technique in Scientific Foundation of Health	20-12-2021	5 days	VTU & AICTE
Effective and Efficient Online Teaching in the Age of Corona: A Hands On Workshop	17-05-2020	4 days	PMMM-NMTT, IIT(B)
Building Energy Technology & Recent Trends in HVAC	01-06-2020	7 days	ISHRAE & Pimpri Chinchwad College of Engineering
The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	18-06-2020	1 day	PMMM-NMTT, IIT(B)
Thermal Characterization Techniques and its Analysis	26-07-2020	5 days	AIT, Bengaluru and Perkin Elmer

OTHER INFORMATION:**(Patents Filed/ Membership/Administration/Consultancy/Evaluator/Research Guidance and funding/Awards/Key Roles/Invited Talks Delivered, etc)**

- Certified Black Belt in Lean Six Sigma Techniques
- Successfully completed two projects with KSCST grant.
- Successfully completed fabrications for in-house worth about 4 lakhs and for external agencies worth about 2 lakhs.
- NIMI project for creation of blended learning content for ITI – Fitter students in association with Amrita Vishwa Vidyapeetham, Mysuru – Already received grants worth about 4 lakhs.
- Contributed as Primary Evaluator in “Toycathon – 2021” organized by Ministry of Education’s Innovation Cell, Govt. of India.
- Presented a paper in National Conference on Research Advances in Engineering & Technology-2019, on 15th March 2019, at CSICE, Ooty.
- Organizer of the National Seminar on “Recent Trends in Sustainable and Clean Energy Technologies” conducted on 17th April 2017 at NIEIT, Mysuru.
- Organizer of International Symposium on Smart Grid Technologies, conducted on 27th and 28th January 2017 at NIEIT, Mysuru.
- Organizer of the “NSS & RED CROSS activity” conducted on 8th October 2016 at NIEIT Campus Mysore.
- Volunteered in the “NSS Camp” organized at Basthipura Village from 18th to 24th March 2019 by NSS NIEIT, Mysuru.