



Dr.M.Karthigairajan

CONTACT DETAILS

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AREAS OF EXPERTISE

Teaching/Training

Renewable Energy
Nano Composite
Thermodynamics
Heat transfer
Fluid Mechanics

Counseling

Students mentoring

Administration

Head of Department
Professional Development head

Quality Assurance

ISO, NBA & NAAC

Marketing

Admission promotion
& Placement activity

PERSONAL SUMMARY

"I feel that my greatest strengths are firstly my strong commitment to providing a professional service to every employer. Secondly my ability to develop and maintain a close working relationship with a team workers which in turn helps me to gain in-depth understanding of team needs and thereby deliver the correct contribution. Thirdly my ability to keep remains emotionally balance in stressful situations and make the suitable decision".

PERSONAL DETAILS

DoB: 30 March 1980
Age: 43 Years
Sex: Male
Nationality: Indian
Passport no: N7977935
Married and having one child

CAREER OBJECTIVE

Develop and implement the new technology tools and applications in the field of engineering as qualified education professional with 18 years of experience in teaching including research and 1.5 years in industry and a wealth of knowledge.

ACADEMIC

QUALIFICATIONS

Anna University **2022**

PhD- Mechanical Engineering H-index 3

Anna University **2006**

M.E. - Thermal Engineering First class with Distinction

Bharathiyar University **2002**

B.E. - Mechanical Engineering First class

State board **1997**

Higher Secondary First class

PROFESSIONAL EXPERIENCE (18 Years)

Karpaga Vinayaga College of Engineering & Technology **June 2023- Till Date**
Associate Professor 6 months

Gojan School of Technology **Oct 2019- June 2023**
Associate Professor 4 years

Ambo University, Ethiopia **Oct 2015- July 2019**
Teaching, Research 4 years

Veltech group of colleges **Jan 2008 – Sept 2015**
Teaching, Research & HoD 7.5 years

St.Peters Engineering College **Aug 2006- Dec 2007**
Teaching, Community service 1.5 years

Sakthi Auto components Ltd. **Feb 2002- Feb 2004**
supervisor 1 year

RESEARCH ACTIVITY & PRESENTATION

Published 13 International Journals (SCI & Scopus indexed) Published

9 papers in National /International Conferences

Did my B.E. Thesis in HVF, Avadi and M.E. thesis in DRDO, Pune.

Guided students' projects and thesis regularly

QUALIFICATION HIGHLIGHTS

- Developed curriculum and syllabii for Department of Automobile Engg.
- Established Automobile Engineering and IC Engines laboratory
- Restructured many students' attitude by counseling as mentor and HoD
- Organized National/ International conferences workshop and seminars •
- Appointed question paper setting and exam evaluator for various universities •
- Trained by "National Institute for Technical Teachers Training & Research"
- Participated workshops, seminars conducted by IIT, Anna University, Chennai
- Life time membership in Indian Society for Technical Education

ADMINISTRATIVE SKILLS

- Knowledge and experience of promoting equality and diversity policy.
- Able to undertake large amounts of routine administration.
- Knowledge of resource allocation and forward planning.
- Organizing office events.
- Processing financial requests.
- Providing secretarial support to advisors. Preparing high quality reports and general documentation.
- Communicating professionally with customers, contractors and other departments.
- Overseeing and supervising the work of junior staff.
- Evaluate, prioritize, organize and delegate work schedules within an office environment.
- Managing filing systems.
- Ensuring adequate staff levels to cover for absences and peaks in workload.
- Organized social awareness programs with students

I hereby declare that all the statements made in above resume are correct to my best f knowledge and belief

Place: Chennai

Yours sincerely

Date:

M.Karthigairajan