

## **FACULTY PROFILE**

Name Dr.A.KARTHIKEYAN  
Designation Assistant Professor  
Department Mechanical Engineering  
Mail Id karthikeyan.me@gmail.com

### Educational Qualification:

Degree	Specialization	University	Awarded Year
Ph.D.	Mechanical Engineering	Anna University	2020
M.E	Manufacturing Engineering	Anna University	2005
B.E	Mechanical Engineering	Bharathidasan University	2001

### Professional Experience:

Name of the Company / Institution	Designation	Duration		Experience in Years
		From	To	
Anna University Regional Campus Tirunelveli	Assistant Professor	July 2023	Till Date	-
University VOC College of Engineering	Assistant Professor	July 2011	July 2023	12 Years
Anna University Regional Campus Tirunelveli	Assistant Professor	August 2010	June 2011	11 Months
Dhanalakshmi Srinivasan Engineering College	Lecturer	May 2009	May 2010	11 Months
St. Michael College of Engineering and Technology	Lecturer	November 2006	January 2009	2 Years and 2 Months
Shunmuganathan Engineering College	Lecturer	January 2006	July 2006	7 Months

### Area of Specialization

Composite Materials, Corrosion, Wear

### Academic / Additional Responsibilities

- Exam Cell Coordinator and Chief Superintendent in University VOC College of Engineering from November 2021 to July 2023.
- Placement Coordinator for Mechanical department in University VOC College of Engineering from 2015 to July 2023.

### Committee Member

ANTI RAGGING Committee Member

### Professional Membership

Society of Automotive Engineers.

## Research Guidance

i. Ph.D.

1

ii. UG

50 Batches

Publications (National / International)

i. **A Karthikeyan**, SV Alagarsamy, C Ilaiya Perumal, 2022, 'Evaluation of Material Removal Rate and Surface Roughness in Wire Electro-Discharge Machining of 10-WT.% ZrO<sub>2</sub>-REINFORCED AL Alloy Composite' Surface Review and Letters 29 (1), 2250008. I.F – 1.24

ii. **A Karthikeyan**, G R Jinu, 2019, 'Investigation on mechanical and corrosion behavior of AA8011 reinforced with TiC and graphite hybrid composites', Materials Research Express, IOP Science, Volume 6, Number 10, <https://doi.org/10.1088/2053-1591/ab3e87>, IF-2.025.

iii. **A Karthikeyan**, G. R. Jinu and A Elaya Perumal, 2019, 'Corrosion and mechanical properties of AA8011 reinforced with TiC Particles', Journal of the Balkan Tribological Association, Book 4, Vol. 25.

Conferences (National / International)

-

Book / Chapter

-

Expert Lecture Delivered

1

Short Term Courses, Seminars, Workshops

Organized:

-

Attended:

25

Honours / Awards:

Received Cash Prize for producing better results.