

**Dr. K. Mallieswaran, Professor,  
Department of Mechanical Engineering,  
C.K College of Engineering & Technology,  
Cuddalore, Tamilnadu, India  
Email: gk.mallieswaran@gmail.com  
Cell: +91 9842376476**



## **Education**

- Bachelor's degree in Mechanical Engineering, VRS College of Engineering and Technology, Villupuram, Tamilnadu, India
- M.E. in Computer-Aided Design, Sathyabama University, Chennai, Tamilnadu, India
- MBA in Production, University of Madras, Chennai, Tamilnadu, India
- Ph.D. in Friction Stir Welding, VIT University, Chennai, Tamilnadu, India

## **Profile**

I have made notable contributions in teaching, research, innovation, and outreach over my career. Beginning as a Lecturer at a self-financed institution, I have advanced to my current position as an Associate Professor at CK College of Engineering and Technology.

I have supervised many undergraduate projects in Mechanical Engineering and Manufacturing Technology, published 20 research papers in international journals, and presented 40 papers at various conferences. I also hold 3 patents, including 1 granted patent. With over 22 years of experience in teaching, research, and industry (15 years dedicated to teaching), I actively engage in professional growth and academic development.

As a member of the ISTE, I played a key role in founding the Students Innovation Club at CKCET and have organized multiple conferences, workshops, faculty development programs, lectures, field visits, and project competitions. Under my guidance, students have won various awards in different competitions.

I have led several Entrepreneurship Awareness Camps with funding from the Entrepreneurship Development Institute of India (Ahmedabad) and the Entrepreneurship Development and Innovation Institute (Chennai). I have also received a grant from ISTE to organize an international conference and another from the Tamil Nadu State Council for Science and Technology for student projects.

## **Areas of Interest**

- Friction Stir Welding
- Surface Coating
- Metal Forming
- Additive Manufacturing

## Professional Affiliations and Roles

- **Recognized Supervisor** for guiding Ph.D. scholars at Anna University, Tamilnadu, India under the Faculty of Mechanical Engineering.
- **Editorial Board Member, *Advances in Materials Journal*** (Science Publishing Group, New York, USA).
- **Chief Editor for the book chapter** "*Contemporary Research in Management, Engineering, Arts, and Science (CRMEAS 2024)*."
- **Editor for the book chapter** titled "*Advances in Engineering, Management, Arts & Science*," published by Tech Press, Delhi.
- **Reviewer for several prestigious international journals**, including:
  - *Advances in Materials and Processing Technologies* (Taylor & Francis)
  - *Journal of Advanced Joining Process* (Elsevier)
  - *Journal of Engineering Failure Analysis* (Elsevier)
  - *Turkish Journal of Engineering* (Dergipark)
  - *Journal of Scientific Reports* (Springer)
  - *Discover Materials* (Springer)
  - *Welding and Joining of Advanced Engineering Materials* (Trans Tech Publications Ltd., Switzerland)

### Google Scholar Link:

<https://scholar.google.co.in/citations?user=x60LQigAAAAJ&hl=en>

### Scopus Link:

<https://www.scopus.com/authid/detail.uri?authorId=57208145494>

Scopus Id: 57208145494

### Orcid Link:

<https://orcid.org/my-orcid?orcid=0000-0002-1244-5328>

Orcid Id: <https://orcid.org/0000-0002-1244-5328>

### Web of Science Author Link:

<https://www.webofscience.com/wos/author/record/AAL-8572-2021>

## DECLARATION

I, Dr. K. Mallieswaran, declare that the information in this profile is accurate and complete to the best of my knowledge, with no details intentionally withheld.

Yours truly,

**(Dr. K. Mallieswaran)**