



## Dr. S. Baskar M.E., Ph.D.

### Assistant Professor - Research Automobile Engineering

#### Contact

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#### About Me

**Dr. S. Baskar** holds a Ph.D. from VISTAS, an M.E. in Refrigeration and Air Conditioning from Anna University (2012), and a B.E. in Mechanical Engineering from M. Kumarasamy College of Engineering (2010). Since 2017, he has been serving as Assistant Professor, Assistant Director (International Affairs), and Research Supervisor at VISTAS, with over 12 years of teaching experience.

He has published 80+ research papers, attended 47 workshops, and presented at 40 national and international conferences. He has submitted project proposals to DST, MSME, EDII, and TNSCST. Dr. Baskar is also a reviewer for reputed journals and IEEE conferences, holds five professional memberships, eight awards, five design patents, and two utility patents (one published, one submitted).

#### Research Interests

- Heat Transfer
- PCM
- Energy Storage
- NanoTechnology
- Materials

## Education

- ❖ Ph.D in Mechanical Engg., - VISTAS 2023
- ❖ M.E in Refrigeration & Air Conditioning - College of Engg., Anna University, Chennai 2012
- ❖ B.E in Mechanical Engg., - M.Kumarasamy College of Engg., 2010
- ❖ D.M.E in Mechanical Engg., - The Karur Polytechnic College 2006



## Research Experience

- **Publications & Conferences:** Authored over 80 research papers and presented at 40 national and international conferences.
- **Research Guidance:** Supervises Ph.D. and student research projects as a recognized Research Supervisor at VISTAS.
- **Project Proposals:** Submitted funded project proposals to DST, MSME, EDII, and TNSCST.
- **Reviewer Roles:** Actively reviews manuscripts for reputed international journals and IEEE conferences.
- **IPR Contributions:** Holds 5 design patents and 2 utility patents (1 published, 1 submitted).



## Funded Projects

Submitted project title "Development of Electric 2-wheeler with Solar rechargeable Battery in MSME

Submitted project title "Comprehensive analysis of nanocomposite coating and measurement of mechanical and thermal properties for wheelchair applications" in TNSCST

Submitted project title DST iTBI - Empowering Women Entrepreneurs through Innovation in Media Technology and Sustainable Mobility

Sanctioned SEED project Innovative Nanocomposite Coatings and their Property Measurements for Wheelchair Applications