

**B.Jegan M.E. (Ph.D.)**

Assistant Professor in Department of Mechanical Engineering,  
Velammal College of Engineering and Technology, Madurai.

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**Educational Qualification:**

- Pursuing Ph.D. degree in Heat transfer at Anna University
- Completed M.E. degree in (Thermal Engineering) with **Distinction** at Anna University, Trichy.
- Completed B.E. degree in Mechanical Engineering with **Distinction** at Sethu Institute of Technology, Madurai, affiliated to Madurai Kamaraj University.

**Experience in Years:**

12 years in teaching and 3 years in industry.

**Employment History:**

- Working as Assistant Professor in Velammal College of Engineering and Technology, Madurai, for the past 9 years (from 1.06.2018 to till date).
- Worked as Assistant Professor in AAA College of Engineering and Technology, Sivakasi, (from 4.01.2017 to 31.5.2018).
- Worked as Associate Professor in SBM College of Engineering and Technology, Dindigul, (from 2.05.2015 to 16.10.2016).
- Worked as Assistant Professor in Bharath Niketan Engineering College, Aundipatti, (from 2.05.2012 to 10.4.2015).
- Worked as Assistant Professor in Fatima Michael College of Engineering and Technology, Madurai, (from 4.05.2011 to 30.4.2012).
- Worked as Lecturer in Bharath Niketan Engineering College, Aundipatti, (from 7.09.2007 to 30.4.2011)
- Worked as a Production Coordinator in RBR garments Pvt Ltd, from 1.6.2004 to 28.7.2007).

**Interested Research Areas:**

- Computational Fluid Dynamics
- Thermodynamics
- Heat Transfer
- Nano Fluids
- Ionic Fluids
- Nanofluids

**Scholarships and Awards received:**

Received appreciation from the Management of Velammal College of Engineering and Technology for producing 100% results in the following subjects.

- Engineering Economics
- Maintenance Engineering
- Thermal Engineering
- Engineering Thermodynamics
- Engineering Metrology and Measurements

**Publications Details:****1. International Conference Presentation Details:**

- i. “Presented a paper on “Application of Nano Material in Low temperature Energy Storage System “International level conference (ICAEST’16) held at SBMCET, Dindigul.
- ii. Presented a paper on “Application of Thermoelectric principle in Solar and Its Usage in Refrigeration” International level conference held at Pandian Saraswathi Yadav Engineering College, Sivagangai.

**4. National Conference Presentation Details:**

- i. Presented a paper on “Application of Nano Material in Low temperature Energy Storage System”National level conference (Step Macc’11) held at Anna University, Trichy.
- ii. Presented a paper on “Application of Thermoelectric principle in Solar and Its Usage in Refrigeration” National level conference (Flame Mech’10) held at Bharath Niketan Engineering College, Aundipatty.