



Dr. C. SUNDAR RAJ, B.E., M.E., PhD

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DOB: 05/10/1959

Present Position:

- **Advisor**, A.V.C Polytechnic College, Mannampandal, Mayiladuthurai

Previous Positions:

- **Principal**, A.V.C College of Engineering, Mannampandal, Mayiladuthurai
- **Principal**, Imayam College of Engineering, Thuraiyur.
- **Director R&D and Professor & Head**, Department of Mechanical Engineering, A.V.C College of Engineering, Mannampandal, Mayiladuthurai.

Education

- **Ph.D.** – Mechanical Engineering (IC Engines), Dr. MGR Educational & Research Institute Chennai – 2011,
- **M.E** – Production (First Class) Annamalai University – 1985
- **B.E.** – Mechanical Engineering (First Class) – Alagappa Chettiar College of Engineering & Technology – Madurai Kamaraj University 1982.

Career Highlights

- 40 Years of Teaching Experience
- 14 Years of Research Experience
- 24 Years Administrative Leadership Experience
- Rs. 10.65 Lakhs Grants facilitated
- 06 Ph.D's Awarded
- 41 Journal Publications
- 13 Papers in Conferences
- 03 Projects Completed
- 295 Research Citations (Scopus) & 147 in Web of Science
- 10 h-Index Score (Scopus) & 7 in Web of Science

Administrative Experience

- Principal, AVCCE -04 Years
- Principal i/c AVCCE -03 Years
- Principal Imayam College of Engineering – 02 Years
- Director R&D and Head of Mechanical Engg- AVCCE- 04 Years
- Professor & Head of Mechanical Engg. BCET, Karaikal – 11 Years
Member, Academic Council, Anna University, Chennai - 03 years

Honors and Awards

- Tamil Nadu State level Best Project Guidance Award -1987 (Design and Fabrication of Four Pedalst Cycle) - Directorate of Technical Education, Chennai
- Tamil Nadu State level Best Project Guidance Award -1989 (LPG – Motor Cycle) - Directorate of Technical Education, Chennai

Key Projects handled

1. External Funded Projects

- Bio Gas from Cotton Waste Production Analysis and Testing on IC Engine – 2005-06 – AICTE – 10 Lakhs @ BCET, Karaikal
- “Study on the occurrence of occupational health hazards (Industries) in the Union Territory of Pondicherry” – DSTE – 0.65 Lakhs@ BCET, Karaikal

2. Internal Funded Projects

- 10m³ night soil based Bio gas plant at student home - AVCCE- 4 Lakhs
- 10 kWp Solar PV Power Plant at Admini Block – AVCCE – 15 Lakhs
- 1000 LPD Solar Water Heater at student home– AVCCE – 1.5 Lakhs

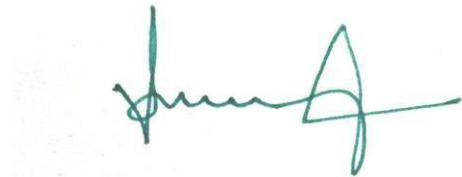
Membership / Fellowship of Professional Bodies / Societies:

Institute of Engineers (India) - Life member (LM 28894)

Indian Society for Technical Education : Life Member (M 116217-3)

International Exposure

Country Visited	Duration	Purpose
Sweden	September 18-20, 2012	To present the research paper Performance and Emission Analysis of a Single Cylinder Constant Speed Diesel Engine Fuelled with Diesel-Methanol-Isopropyl Alcohol Blends, SAE index 2012-01-1683 at Powertrains, Fuel & Lubricants Meet, Malmo, Sweden,
Kuwait	November 17-19, 2008	To present the research paper "Bio Gas from Cotton Waste- An Alternate Fuel for Automobile" Fourth International Conference on Energy Research & Development (ICERD4), Kuwait University, Kuwait,



(C.SUNDAR RAJ)