



**Dr. M. Venkateshkumar** currently holds the position of **Assistant Professor (Selection Grade)** in the **Department of Electrical and Electronics Engineering** at the **Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore**. With over **18 years of experience** in teaching and research, he specializes in **Power Systems Engineering**. In recognition of his outstanding contributions to science and technology, he was honoured with the **Young Scientist Award** by the **Government of Tamil Nadu**.

He serves as an **Associate Editor** for the prestigious *IEEE Access* journal (Impact Factor: 4.09) and is actively involved in global standardisation initiatives. He is the **Co-Leader** of the **IEEE 1547.7 Standard Working Group, USA**, and the **Secretary** for the **Impact Assessment Framework for Sustainable Mobility Systems – Industry Connections**, under the **IEEE Standards Association, USA**.

Dr. Venkateshkumar currently serves as the **Chairman** of the **IEEE Power & Energy Society** and the **Vice Chairman** of the **IEEE Education Society, IEEE Madras Section**. He is a member of over **five Research IEEE Standard development Working Groups** in the USA, a **Life Member** of the **Institution of Engineers (India)**, and a certified **Chartered Engineer (CEng India)** by the IEI. He is also a **Global Member** of the **IEEE Transportation Electrification Community Education Committee**, a member of the **FOCUS Chennai Chapter**, and a **Startup Mentor** for the **Government of Tamil Nadu**.

His primary research interests include the **design and intelligent control of renewable energy systems**, with a strong focus on **Artificial Intelligence for Electric Vehicles (AI for EV)**, **Zonal Architecture**, and **AUTOSAR** for advanced automotive and energy applications. He has published over **70 research papers** in reputed international journals and conferences. He serves on the **review boards of more than 50 international journals and conferences**, including *IEEE Transactions*, *Elsevier*, and *Springer*, and frequently chairs **special sessions** at international events. He has also authored **three book chapters**, published by **Elsevier** and **IntechOpen (UK)**.

In addition to his academic and research achievements, Dr. Venkateshkumar has received the **Outstanding Contribution Award** from **MathWorks (MATLAB, USA)** for three consecutive years (2015, 2016, and 2017). He is also an **Intel-Certified Instructor in Machine Learning ( 2024 )** and a recognized **Intel ONEAPI Innovator**, contributing to the advancement of cutting-edge technologies in engineering education and practice.