

## BRIEF PROFILE OF DR. V. SATHIESH KUMAR

Dr. V. Sathiesh Kumar is **working as a Assistant Professor in the Department of Electronics Engineering, MIT Campus, Anna University, Chennai, Tamilnadu, India** since 2014. He has about **8 years teaching experience** in Anna University and Anna University affiliated Engineering Colleges. He received his **Doctor of Philosophy from Department of Engineering Design, Indian Institute of Technology Madras, Chennai, Tamilnadu, India** in 2014.

His **research interest** includes **Artificial Intelligent Systems, Optoelectronics, Machine Learning, Computer Vision, Laser remote sensing, Laser spectroscopy and Embedded systems**. He has published more than **55 International Research Publications (Journals – 15 Nos, Book Chapters – 2 Nos and Conferences – 38 Nos)** and **1 patent**. The **patent** is on titled, **“Device and methods for determining the elemental identity and analysis on moving target from a variable stand-off distance”**, **Patent no: 314839, Date of grant: 27.06.2019**. The publications involve reputed journals with high impact factor like IET Image Processing, IEEE Transactions on Dielectrics and Electrical Insulation, Journal of Intelligent and Fuzzy Systems, Journal of Physics D, Applied Physics A, Jurnal Teknologi etc. **Presented the research finding in the International Forums** organized in different countries such as **Mexico, Italy, France and Japan**.

He has **completed** successfully **two projects** sanctioned by **Science and Engineering Research Board (SERB – Funding amount: Rs. 48,79,000/-)** and **Centre for Technology Development and Transfer (CTDT – Funding amount: Rs. 50,000/-)**, Anna University. He is also a **deputy coordinator** and **one of the principal investigators** in **UGC sanctioned project for University with Potential for Excellence (UPE) in Biomedical Engineering and Instrumentation** for a **seed value of 75 Crores**. Currently, he is working on a **project worth of Rs. 2.97 Crores, sanctioned by Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)**. **Two projects under TANII scheme** has been approved and waiting for the release of funds. First project titled, **“Design and Development of IoT Enabled Soil Nutrient Measurement Device”** for an **amount of Rs. 2.27 Crores**. Second project titled, **“Development of Semi and Fully Automated Intelligent Exo-Skeletal and Prosthetics for Disabled Communities”**, for an **amount of Rs. 17.82 Crores**.

He is a **member** of **IEEE, Indian Laser Association (ILA), SPIE and Indian Unit for Pattern Recognition and Artificial Intelligence (IUPRAI)**.