

BRIEF PROFILE OF DR. V. SATHIESH KUMAR

Dr. V. Sathiesh Kumar is working as an Assistant Professor in the Department of Electronics Engineering, MIT Campus, Anna University, Chennai, Tamilnadu, India since 2014. He has about **10 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, Embedded Systems, Optoelectronics, Machine Learning, Computer Vision, Laser remote sensing and Laser spectroscopy**. He has **published** more than **73 International Research Publications (Journals – 20 No, Book Chapters – 5 No and Conferences – 48 No)** 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 Expert Systems with Applications, Ecological Informatics, Journal of Applied Spectroscopy, Journal of Optics and Laser Technology, 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 **Rs. 23 Crore**. Currently, **working in two projects under TANII scheme**. First project titled, “**Design and Development of Internet of Things (IoT) Enabled Soil Nutrient Measurement System**” for an amount of **Rs. 2.27 Crore**. Second project titled, “**Development of Semi and Fully Automated Intelligent Exo-Skeletal and Prosthetics for Disabled Communities**”, for an amount of **Rs. 17.82 Crore**.

Awarded with TNSCST Young Scientist Fellowship for the year 2019 – 2020 to carry out research activity at IIT Indore for a period of two months (01.01.2022 to 28.02.2022). Also, **awarded with Kyushu University Friendship Scholarship** to pursue research work for six months (August 2012 to January 2013) at **Graduate School and Faculty of Information Science and Electrical Engineering, Kyushu University, Japan**.

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