

**MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Faculty Publication details (AY 2022-2023)								
S.No	Name of the Authors	Title of the Paper/Book Chapter	Name of the Conference / Journal /Book	Date of Publication / Conference	Nat / Int.Nat	ISSN / ISBN No	Impact Factor	Is it SCI / JCR Journal
1	Dr.I.Manju	An optimal self adaptive deep neural network and spine kernelled chirp let transform for image registration	Concurrency and Computation Practice and Experience	6-Sep-22	International	1532-0634	1.831	SCI
2	Dr.I.Manju	Fusion based underwater image enhancement and detail preserving	IEEE Xplore	2022	International	-	-	Scopus
3	Dr.I.Manju	Underwater image enhancement using color constancy via high pass emphasis filter and DCP	IEEE Xplore	2022	International	-	-	Scopus
4	Dr.I.Manju	-	Digital Communication and Computer Networks	Jan-22	International	978-81-954927-6-3	-	Book
5	Dr.K.S.Srinivasan Dr.I.Manju Dr.M.Sivakumar	Design and Optimization of Compact RFID Antenna Tag for Biomedical Applications	6 <sup>th</sup> International Conference on Micro electronics and telecommunication Engineering (ICMETE)	23-24, Sep 2022	International	2367-3370		-
6	Dr.M.Sivakumar	Night Surveillance Robot for Women Safety	3rd International Conference on Electronics and Sustainable Communication Systems (ICESC), 2022, pp. 415-417, doi: 10.1109/ICESC54411.2022.9885479.	17-19 August 2022	International	978-1-6654-7972-1	-	Scopus

7	Dr.M.Sivakumar	Autonomous Health Care Robot	6th International Conference on Micro electronics and telecommunication Engineering (ICMETE)	23-24, Sep 2022	International	2367-3370	-	-
8	Dr.M.Sivakumar	Thingspeak Based Garbage Monitoring and Collecting System	6 <sup>th</sup> International Conference on Micro electronics and telecommunication Engineering (ICMETE)	23-24, Sep 2022	International	2367-3370	-	-
9	Dr.M.Sivakumar	Design and Analysis of Classifier for Atrial Fibrillation and Deep Neural Networks with ECG.	Computational Imaging and Analytics in Biomedical Engineering Algorithms and Applications	October 2023	International	978-1-77491-471-7	-	CRC Press Taylor & Francis group - Book Chapter
10	Dr.M.Sivakumar	Design and Analysis of Efficient Short-Time Fourier Transform-Based Feature Extraction for Removing EOG Artifacts Using Deep Learning Regression	Computational Imaging and Analytics in Biomedical Engineering Algorithms and Applications	October 2023	International	978-1-77491-471-8	-	CRC Press Taylor & Francis group - Book Chapter
11	Dr.M.Sivakumar	Low Power Methodologies for FPGA – An Overview	Springer Tracts in Electrical and Electronics Engineering - “Low Power Architectures for IoT Applications”	-	International	-	-	Springer -Book Chapter
12	Dr.M.Sivakumar	IoT Devices Based Low Power Dependability	Springer Tracts in Electrical and Electronics Engineering - “Low Power Architectures for IoT Applications”	-	International	-	-	Springer -Book Chapter