

## International & National Journals

S.No.	Journal	Paper Title	Year	Role	Volume
1	International Journal of Advanced Science and Technology	Real Time Monitoring Of Fault Occurrences And Fault Prediction For An Industrial Air Handling Unit	2020	Co Author	29
2		Study on Sperm DNA Integrity Detection Using an Image Processing Approach	2018	Main Author	10
3	Advances in Soft Computing	Image processing methods for Automated Assessment of Sperm DNA Integrity	2018	Main Author	798
4	International Journal of Biomedical Engineering and Technology	Ensemble classification approach for screening of obstructive sleep apnoea using ECG	2018	Main Author	27
5	Energy Engineering	A Technical review on advantages of using EC BLDC Fans in Factory and Commercial Buildings.	2018	Main Author	1
6	Advances in Intelligent Systems and Computing, Springer, Singapore.	Image Processing Methods for Automated Assessment of Sperm DNA Integrity	2018	Main Author	798
7	International Journal of Advanced Research in Computing and Information Technology	Medicine Reminder for Android and iOS Users	2016	Main Author	
8	Journal of Electrical Engineering	Study on Energy Efficiency and Harmonics Mitigation in a HVAC AHU Blower/Fan Application Using Electronically Commutated BLDC Motors	2016	Co Author	16
9	International Journal of Advanced Research in Computing and Information Technology	Differential Temperature Analyzer for Operation Theatres	2016	Co Author	
10	Journal of Medical Imaging and Health Informatics	A Complexity Reduction Approach for Screening of Obstructive Sleep Apnea from Single Lead ECG	2015	Main Author	
11	Applied Mechanics and Materials	Artificial Intelligence based automated estimation of sleep stages using Electrocardiograph signals: A perspective	2014	Main Author	573
12	International Journal of Engineering and Innovative Technology	SCADA Application Development Using LabVIEW	2013	Co Author	

## International & National Conferences

S.No.	Conference Title	Paper Title	Date	Role	Organized By
1	TCGA Conference	Analysis of genetic and epigenetic profile of DNA Damage response genes in Glioblastoma - An Insight from TCGA	22-09-2019	Co Author	OTHERS
2	National Conference on "Advances in Comprehensive Biomedical Engineering"	Sperm Cell Integrity testing using Image Processing Methods	23-03-2018	Main Author	Dept of Biomedical Engineering, PSG College of Technology, Coimbatore
3	Symposium on Emerging Areas in Biosciences and Biomedical Technologies	Antacid Drug Development from Aloe Vera Extracts : A Food Printing Approach	05-01-2018	Main Author	IIT Indore, Indore
4	International Conference on Computational Intelligence: Theories, Applications and Future Directions, IIT Kanpur	Image Processing methods for Automated Assessment of Sperm DNA Integrity	06-12-2017	Main Author	IIT, Kanpur
5	IEEE Madras Student Conference cum Paper contest-2017	Sperm Cell Integrity Testing using Image Processing Methods	15-09-2017	Co Author	IEEE Madras Student Conference cum Paper contest-2017, selected="selected"
6	IEEE Madras Student Conference cum Paper contest-2016	Medicine Reminder for Android and iOS users	10-06-2016	Main Author	Karpagam Engg College, Coimbatore
7	IEEE Madras Student Conference cum Paper contest-2016	Differential Temperature Analyzer in Operation Theatres	10-06-2016	Co Author	-, Chennai
8	IEEE Workshop On Computational Intelligence: Theories, Applications and Future Directions 2015	Embedded realization of a real time Heart Rate Variability Logger for at-home sleep studies	19-02-2015	Main Author	IIT , kanpur
9	International conference on SEES	Development of an embedded sleep apnea detector using electrocardiograph signals for in-home applications: technical perspective	20-02-2014	Main Author	PSG College of Technology, Coimbatore
10	International conference on IEES	Artificial Intelligence techniques to the aid of Sleep Apnea detection: Technical perspective and recent trends	07-02-2013	Main Author	PSG TECH, Coimbatore
11	International Conference on MMASC	A Neural Network Classifier for Early Detection of Cardiovascular Diseases Based on HRV Analysis	18-07-2012	Main Author	CIT, Coimbatore
12	International Conference on MMASC	Extreme Learning Machine (ELM) based automated identification and classification of White Blood Cells	10-07-2012	Co Author	-, Coimbatore
13	International Conference on CTAB	Composite Noise Rejection for Military Personnel	19-08-2010	Main Author	NAS College, Coimbatore