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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.No.	Name of the Faculty	Title of the paper	Name of the Book	Publisher & Place	Year	Indexing
1	Dr. Anand Deshpande	Super-Resolution in a World of Scarce Resources for Medical Imaging Applications	Edge-AI in Healthcare	CRC Press	2023	Scopus
2	Gajanan Tudavekar	Dual-Tree Complex Wavelet Transform and Deep CNN-Based Super-Resolution for Video Inpainting with Application to Object Removal and Error Concealment	Trends and Future Perspective,	Springer	2021	SCOPUS, Web of Science
3	Gajanan Tudavekar	Dual-Tree Complex Wavelet Transform and Deep CNN-Based Super-Resolution for Video Inpainting with Application to Object Removal and Error Concealment	Computational Intelligence Methods for Super-Resolution in Image Processing Applications	Springer	2021	SCOPUS, Web of Science
4	Dr. Anand Deshpande	Introduction to Computational Intelligence and Super-Resolution	Computational Intelligence Methods for Super-Resolution in Image Processing Applications	Springer International Publishing	2021	SCOPUS
5	Dr. Anand Deshpande	Nondestructive diagnosis and analysis of computed microtomography images via texture descriptors	Advances in Multidisciplinary Medical Technologies—Engineering, Modeling and Findings	Proceedings of the ICHSMT 2019	2020	SCOPUS

6		Optimal bidding strategy for power market based on improved world cup optimization algorithm	Metaheuristics and Optimization in Computer and Electrical Engineering	Springer International Publishing	2020	SCOPUS
7	Dr. Anand Deshpande	Deep Learning as an Alternative to Super-Resolution Imaging in UAV Systems	IET Imaging and Sensing for Unmanned Aerial Vehicles	IET	2019	SCOPUS
8		Image Transmission in MIMO- OSTBC System over Rayleigh Channel Using Multiple Description Coding (MDC) with QPSK Modulation	IET Imaging and Sensing for Unmanned Aerial Vehicles	IET	2019	SCOPUS
9		Super Resolution of Long Range Captured Iris Image Using Deep Convolutional Network	Deep Learning for Image Processing Applications	IOS Press	2018	SCOPUS
10		Unconstrained Iris Image Super Resolution In Transform Domain	Data Engineering and Communication s Technologies	Springer	2017	SCOPUS, Web of Science
11	Dr. Anand Deshpande	Feature Extraction and Fuzzy Based Feature Selection Methods for Long Range Captured Iris Images	Data Engineering and Communication s Technologies	Springer	2017	SCOPUS, Web of Science