

LIST OF JOURNAL PAPERS:

S.No.	Title of the Paper	Title of the Journal (IF)	Refereed/ Reputed	Year of Publication
1	G. Pavani and S. Swarnalatha “Comparison of Original and Cartoon images with Edge and Background Detection”.	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622; IF=5.179 Vol. 1, Issue 4, pp.1291-1295	Referred	NOV- DEC 2011
2	S. Swarnalatha and T. Harikala Implementation of Skin Tone Based Steganography in Biometric Applications	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622; IF=5.179 Vol. 1, Issue 4, pp.1696-1701	Referred	NOV- DEC 2011
3	S. Swarnalatha and P. Sathyanarayana Edge detection of steerable weighted median filter	Journal of Innovation in Electronics and Communication (JIEC) ISSN 2249-9946; IF=5.031 Vol. 2, Issue 2, pp.48-51	Reputed	JAN 2012
4	S. Swarnalatha and R. Mahesh Image Processing based stator fault severity detection and diagnosis of Induction motor using Lab view	International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622; IF=5.179 Vol. 2, Issue 5, pp.47-51	Referred	SEP-OCT 2012
5	A. Thriveni, S. Swarnalatha and P. Srinivasulu Data processing for pilot active array radar	International Journal of Engineering Research and technology (IJERT) ISSN: 2278-0181; IF=5.213 Vol. 2, Issue 7, pp.1653-1657	Reputed	JUL 2013
6	S. Swarnalatha and P. Uma Shankar, “Multiple Persons Tracking And Counting In Surveillance Videos”	International Journal of Advanced Research Electronics and Communication Engineering (IJARECE) ISSN: 2278-909X; IF=5.509 Vol. 2, Issue 12, pp.965-969	Reputed	DEC 2013
7	B. Sreenivasa Reddy and S. Swarnalatha Comparison Of Quality Indices Of Deblocked Images	International Journal of Electrical Electronics And Telecommunications ISSN: 2319-2518; IF=5.712 Vol.3 No.1, pp.104-115	Reputed	JAN 2014
8	M. Nawaz Shareef and S. Swarnalatha Dual-Tree DWT based turbulence	International Journal of Advanced Research Computer and Communication Engineering	Referred	NOV 2014

	mitigation in visual surveillance	(IJARCCE) ISSN: 2278-1021; IF=5.947 Vol. 3, Issue 11, pp.8537-8541		
9	M. Nawaz Shareef and S. Swarnalatha Double Density DWT based fusion technique for mitigating turbulence in surveillance videos	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREIE) ISSN: 2320-3765; IF=6.392 Vol. 4, Issue 1, pp.240-245	Referred	JAN 2015
10	S. Swarnalatha and P. V. Lakshman Kumar Video Compression with Wavelet Transform Using WBM Method and SPIHT Algorithm	International Journal of Advanced Research Electronics and Instrumentation Engineering (IJAREIE) ISSN: 2320-3765; IF=6.392 Vol. 4, Issue 2, pp.1046-1051	Referred	FEB 2015
11	S. Swarnalatha and P. Sathyanarayana and B. shoban Babu, "Image Denoising Techniques Using Dual Tree Complex and Hyperanalytic Wavelet Transform With Bi-Shrink Filter	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREIE) ISSN: 2278-8875; IF=6.392 Vol. 4, Issue 4, pp.2572-2580	Referred	APR 2015
12	S. Swarnalatha and P. Sathyanarayana and B. shoban Babu, "Hyperanalytic Dual Tree Complex Wavelet Transform Based Image Denoising Using Bi-Variate Shrinkage Filter	International Journal of Engineering & Scientific Research (IJESR) ISSN: 2347-6532; IF=6.660 Vol. 3, Issue 8, PP.102-121	Referred	AUG 2015
13	S. Swarnalatha and P. Sathyanarayana and B. shoban Babu, "Comparative Analysis of BM3D and Complex Wavelet Transform based Image Denoising Techniques	<i>i-manager's Journal on Image Processing, (JIP); IF=4.130</i> Vol. 2 · No. 3 · pp. 22-31	Reputed	JUL-SEP 2015
14	A. Hari Krishna and S. Swarnalatha , "Video Enhancement to Obtain	International Journal of Advanced Research Computer and Communication Engineering	Referred	OCT 2015

	Intra and Inter Frame Quality of a Video”	(IJARCCE) ISSN: 2278-1021; IF=6.660 Vol. 4, Issue 10, pp.404-408		
15	A. Hari Krishna and S. Swarnalatha , “Obtain the Intra-And-Inter Frame Quality of Video Based On Tone Mapping Algorithm”	International Journal of Advanced Technology and Innovative Research (IJTIR) ISSN 2348–2370; IF=3.117 Vol. 7, issue 17, PP.3450-3456	Reputed	NOV 2015
16	C. Manohar and S. Swarnalatha , “Multi-scale Block Compressed Sensing image Reconstruction using Smoothed Projected Landweber”	International Journal of Advanced Research Computer and Communication Engineering (IJARCCE) ISSN: 2278-1021; IF=6.660 Vol. 4, Issue 11, pp.77-81	Referred	NOV 2015
17	C. Manohar and S. Swarnalatha , “Multi-Scale Block Compressed Sensing of Images using Directional Transforms”	International Journal of Advanced Technology and Innovative Research (IJTIR) ISSN 2348–2370; IF=3.117 Vol. 7, issue 17, PP.3457-3460	Reputed	NOV 2015
18	S.Swarnalatha and P.Satyanarayana “Denoising of Images by means of Wavelets and Contourlets using Bi-shrink filter”	<i>i-manager’s Journal on Image Processing, (JIP); IF=5.731</i> Vol. 3 · No. 3 · pp. 11-16.	Reputed	JUL-SEP 2016
19	S.Swarnalatha and P.Satyanarayana and B.Shoban Babu, “Wavelet Transforms, Contourlet Transforms and Block Matching Transforms for denoising of corrupted images via Bi-shrink filter	Indian Journal of Science and Technology (IJST), IF=5.07 DOI: 10.17485/ijst/2016/v9i44/98503 Vol. 9, No. 44, pp. 1-9.	Reputed	NOV 2016
20	E. Venkatesh and S. Swarnalatha , “Hyperspectral Image Segmentation and Classification using FODPSO”	International Journal of Innovative Research Computer and Communication Engineering (IJIRCCE) ISSN: 2320-9798; IF=7.194 Vol. 4, Issue 11, pp.20292-20297.	Reputed	NOV 2016
21	E. Venkatesh and S. Swarnalatha , “A New Approach based on	International Journal of Engineering Trends and Technology. (IJETT)	Referred	JAN 2017

	FODPSO for Segmentation and Classification of Hyper spectral Image”	ISSN: 2231-5381; IF=2.88 Vol. 43, Issue 6, pp. 347-352.		
22	K. Aparna and S. Swarnalatha “Robust Video Object Segmentation And Feature Extraction using Thresholding Technique”	<i>International Journal of Engineering Research and Generic Science (IJERGS)</i> ISSN:2455-1597; IF=3.72 Vol. 3, Issue-1, pp. 1-13.	Referred	JAN-FEB 2017
23	K. Aparna and S. Swarnalatha , “A New Approach based on Spatio-Temporal-Sift flow for Video Object Segmentation.”	<i>International Journal of Scientific Engineering and Technology Research (IJSETR)</i> ISSN:2319-8885; IF=5.762 Vol. 6, Issue-5, pp. 978-982	Reputed	FEB 2017
24	P. Asha and S. Swarnalatha , “Signature Verification Using Envelope and Histogram Feature Set”	<i>International Journal of Engineering Research and Generic Science (IJERGS)</i> ISSN:2455-1597; IF=3.72 Vol. 3, Issue-1, pp. 14-25	Referred	JAN-FEB 2017
25	P. Asha and S. Swarnalatha , “A Novel Technique for Recognition of Offline Signature Based on Histogram Feature”	<i>International Journal of Innovative Technologies(IJIT)</i> ISSN 2321-8665; IF=4.107 Vol.5, Issue.3, pp.436-443	Reputed	MAR 2017
26	P. Uma Sindhu and S. Swarnalatha “Identification of a person by Palm print images based on Gabor filter.”	International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET) ISSN:2394-4099 ; IF=3.632 Vol.4, Issue.1, pp.244-250	Referred	JAN – FEB 2018
27	G. Sukanya and S. Swarnalatha A Novel Approach For Multi-view Object Extraction With Boundary Detection	<i>International Journal of Advance Engineering Research and Development (IAERD)</i> ISSN:2348-4470; IF=5.71 Vol.5, Issue.3, pp.174-180	Referred	MAR 2018
28	G. Sukanya and S. Swarnalatha “A Novel Approach for Object Extraction Based On Linear Discriminant Analysis”	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT); ISSN:64718 ; IF=4.032 Vol.3, Issue.4, pp.522-530	Referred	MAR- APR 2018

29	P. Uma Sindhu and S. Swarnalatha , “Improving Palm print Identification Using Gabor Filter”	International Journal of Scientific Research in Science Technology (IJSRST) ISSN:1841316; IF=5.327 Vol.4, Issue.7, pp.1-7	Referred	MAR- APR 2018
30	K. Satish Chandra and S. Swarnalatha “Performance Analysis of Hybrid Cognitive Relay Network under AWGN and Rayleigh Fading Channels”	International Journal of Emerging Technologies in Engineering Research (IJETER), <i>ISSN 2454-6410; IF: 4.225</i> <i>Vol.6, Issue.5, pp.135-140</i>	Referred	MAY 2018
31	K. Satish Chandra and S. Swarnalatha “Optimal Resource Allocation For Flexible And Reliable Spectrum Use In Hybrid Cognitive Gaussian Relay Channels”	International Journal of Advance Research and Innovative Ideas in Education (IJARIIE) <i>ISSN 2395-4396; IF: 4.06</i> <i>Vol.4, Issue.3, pp.829-834</i>	Reputed	JUN 2018
32	V.Puja and S.Swarnalatha “Perception of Heart beat and Temperature using ARDUINO Uno and sensing movements of coma patient by Mems sensor ”	Journal of Emerging Technologies and Innovative Research(JETIR) ISSN:2349-5162; IF:5.87 Vol.5, Issue 7, pp:224-231	Referred	JULY 2018
33	V.Puja and S.Swarnalatha “Sensing Temperature, Heart beat and Positional movements of a person continuously by Arduino and Mems sensor”	International Journal of Research and Analytical Reviews(IJRAR) ISSN:2348-1269; IF:5.75 Vol.5, Issue 3, pp:486-495	Referred	JULY 2018
34	V.Kokila, S.Swarnalatha and M.Durgarao, “Design of Dual Polarized Aperture Coupled Stacked Patch Antenna for S-Band Radar applications”	International Journal of Research in Electronics and Computer Engineering(IJRECE) ISSN:2393-9028; IF:4.305 Vol.6, Issue 3, pp.2172-2174	Reputed	SEP 2018
35	V.Bharathi and S.Swarnalatha , “Home security and energy efficient home automation system using Arduino	International Journal of Research(IJR) ISSN:2848-6848; IF:4.92 Vol.5, Issue 20, pp:1486-1490	Reputed	SEP 2018

	Mega2560”			
36	V.Kokila, S.Swarnalatha and M.Durgarao , “Design of Solid state GaN Power amplifier using ADS for S-Band Weather radar Applications”	Journal of Emerging Technologies and Innovative Research(JETIR) ISSN:2349-5192; IF:5.87 Vol.5,Issue 11, pp.82-87	Referred	NOV 2018
37	V. Bharathi and S. Swarnalatha , “RFID based home security and energy efficient home automation system using Arduino”	International Journal of Electronics and Computer Engineering(IJRECE) ISSN: 2393-9028: IF: VOL.6 ISSUE 4, pp.1514-1517	Referred	OCT- DEC 2018
38	S. Swarnalatha , Anusha Manubrolu and Pooja Dande, “Wearable Electronic Gloves in Two-way communication to convert Signs into Speech”	Advances in Computational and Bio engineering (Learning and Analytics in Intelligent Systems 15) 978-3-030-46938-2(Print) 978-3-030-46939-9(Online) Vol: 15 DOI:10.1007/978-3-030-46939-9_29		July 2020
39	S. Swarnalatha , T. Srilakshmi, K. Tilak Kumar, “Real time recognition and rash driving and Alcohol detection to avoid accidents and drunk and driving”	Advances in Computational and Bio engineering (Learning and Analytics in Intelligent Systems 15) 978-3-030-46938-2(Print) 978-3-030-46939-9(Online) Vol: 15 DOI:10.1007/978-3-030-46939-9_17		July 2020
40	M. Anusha and S. Swarnalatha ”Electronic gloves in the help of converting signs to speech”	Science, Technology and Development Journal, ISSN No. 0950-0707 STD Journal, Volume IX, Issue XII, pp. 75-80, IF: 6.1.	Referred	Dec 2020
41	T. Srilakshmi and S. Swarnalatha “Real time Recognition of Rash driving and Alcohol detection to avoid accidents”	Science, Technology and Development Journal, ISSN: 0950-0707 IF : 6.1 Volume 9 Issue 7	Referred	Dec 2020
42	K. Divya Sai, S. Swarnalatha and Dr.B.Shoban Babu, ”IoT Based Smart Pill Box Using	Journal Of Emerging Technologies and Innovative Research(JETIR) ISSN-2349-5162, IF : 5.84 Volume 8 Issue 1	Referred	JAN 2021

	Arduino Microcontroller”			
43	S.Anand Kumar, S.Swarnalatha and Dr.B.Shoban Babu, ”Hand Written Character Recognition using CNN and PSO Techniques”	International Journal Of Innovative Research in Science, Engineering and Technology(IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320- 6710; IF : 7.512 Volume : 10 Issue 2, DOI:10.15680/IJIRSET.2021.10020 26	Referred	FEB 2021
44	B.Apuroop Kumar, S.Swarnalatha and B.Shoban Babu, ”Design Of Multiband MIMO Antenna For Various Indoor Applications ”	Science, Technology and Development Multidisciplinary Journal ISSN: 0950-0707 IF : 6.1 Volume 10 Issue 1	Referred	JAN 2021
45	S.Anand Kumar, S.Swarnalatha and B.Shoban Babu, ”Advanced Hand Written Character Recognition with PSO in CNN”	International Journal Of Innovative Research in Computer and Communication Engineering(IJIRCCE) ISSN: 2320-9801, p-ISSN: 2320- 9798 IF : 7.488 Volume : 9 Issue 2 DOI: 10.15680/IJIRCCE.2021.0902001	Referred	FEB 2021
46	B. Apuroop Kumar, S. Swarnalatha and B.Shoban Babu, “Design of MIMO Antenna at various bands for wireless and mobile communications”.	International Journal Of Innovative Research in Science, Engineering and Technology(IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320- 6710; IF : 7.512 Volume : 10 Issue 2, DOI:10.15680/IJIRSET.2021.10020 65	Referred	FEB 2021
47	R. Nagendra, S. Swarnalatha , “Design and performance of four port MIMO antenna for IOT applications”	ICT Express/Korean Institute of Communications and Information Sciences(KICS); IF: 4.317 ISSN: 2405-9595 DOI:https://doi.org/10.1016/j.ict.20 21.05.008		May 2021
48	K. Divya Sai, Dr. S. Swarnalatha , Dr. B.	International Journal Of Innovative Research in Science, Engineering		FEB 2021

	Shoban Babu, "Arduino based Automatic Smart Medicine box using IoT".	and Technology(IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710; IF : 7.512 Volume : 10 Issue 2, DOI:10.15680/IJIRSET.2021.1002077		
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