



K.S. Institute of Technology, Bangalore – 560109

**Department of Electronics and Communication
Engineering**

Programme Level Document:

List of Faculty Research Papers with Online Links



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
RESEARCH PUBLICATIONS
QUALITY PUBLICATIONS SUMMARY

PUBLICATIONS	2020-21		2019-20		2018-19			Total
	Book Chapters	Journals	Book Chapters	Journals	Books	Book Chapters	Journals	
WEB OF SCIENCE		4		3			3	10
SCI		8		4	1		4	17
SCOPUS	5	8	1	4	1	1	4	24
IEEE/SPRINGER CONFERENCE		3		8			2	13

HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
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Bengaluru - 560 109



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
RESEARCH PUBLICATIONS
QUALITY PUBLICATIONS
Academic Year 2020-21

WEB OF SCIENCE Publications

INTERNATIONAL JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor: Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. Surekha Borra	Fragile Watermarking Framework for Tamper Detection of Color Biometric Image	International Journal of Digital Crime and Forensics, Vol.13, No. 2, pp. 100518-115538, 2021, ISSN: 1941-6210 Paper link: https://www.igi-global.com/article/fragile-watermarking-framework-for-tamper-detection-of-color-biometric-images/272832 https://mjl.clarivate.com/search-results?issn=1941-6210&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results
2	Dr. Surekha Borra	Hybrid, Blind and Robust Image Watermarking: RDWT – NSCT based Secure Approach for Telemedicine Applications	Multimedia Tools and Applications, Vol.80, pp. 27593–27613, 2021 Paper link: https://link.springer.com/article/10.1007/s11042-021-11064-y https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
3	Dr. Surekha Borra	Difference Expansion Based Reversible Watermarking Algorithms for Copyright Protection of Images: State-of-The-Art and Challenges	International Journal of Speech Technology, 2021, pp.1-30 Published Online in Feb 2021 ISSN:1381-2416 Paper link: https://www.springerprofessional.de/difference-expansion-based-reversible-watermarking-algorithms-fo/18883728 https://mjl.clarivate.com/search-results?issn=1381-2416&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
4	Dr. Surekha Borra	Misinformation about COVID-19 and confidential information leakage: Impacts on the psychological well-being of Indians	Current Psychiatry Research and Reviews, Vol.16, No.4, pp.283- 287, 2020, ISSN:2666-0822 Paper link: https://www.eurekaselect.com/node/186008/article/misinformation-about-covid-19-and-confidential-information-

			leakage-impacts-on-the-psychological-well-being-of-indians https://mjl.clarivate.com/search-results?issn=2666-0822&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results
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SCI Publications

INTERNATIONAL JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor: Indexed in SCI/Scopus/UGC, No. of Citations
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2	Dr. Surekha Borra	Difference Expansion Based Reversible Watermarking Algorithms for Copyright Protection of Images: State-of-The-Art and Challenges	International Journal of Speech Technology, (2021). Paper link: https://www.springerprofessional.de/difference-expansion-based-reversible-watermarking-algorithms-fo/18883728 https://www.scimagojr.com/journalsearch.php?q=26802&tip=sid&clean=0
3	Dr. Surekha Borra	A Survey on Prevention Techniques for Camcorder Video Piracy in Movie Theatres	Recent Patents on Engineering, Vol.15, No.2, 2021 ISSN: 1872-2121, 2212-4047, [Accepted, In Press]. [DOI: 10.2174/1872212115666201208000236] Paper link: https://www.eurekaselect.com/188813/article https://www.scimagojr.com/journalsearch.php?q=1872-2121
4	Dr. Surekha Borra	Detection and Classification of Leukocytes in Blood Smear Images: State-of-the-Art and Challenges	International Journal of Ambient Computing and Intelligence, Vol. 12, No.2, pp. 030720-041648, 2021, ISSN: 1941-6237 Paper link: https://www.igi-global.com/article/detection-and-classification-of-leukocytes-in-blood-smear-images/275761 https://www.scimagojr.com/journalsearch.php?q=1941-6237+
5	Dr. Surekha Borra	Misinformation about COVID-19 and confidential information leakage: Impacts on the psychological well-being of Indians	Current Psychiatry Research and Reviews, Vol.16, No.4, pp.283- 287, 2020, ISSN:2666-0822 Paper link: https://www.eurekaselect.com/node/186008/article/misinformation-about-covid-19-and-confidential-information-leakage-impacts-on-the-psychological-well-being-of-indians

			https://www.scimagojr.com/journalsearch.php?q=2666-0830
6	Dr. Surekha Borra	Progression in Biometric Recognition Systems and its Security	Recent Patents on Engineering, Vol. 14, No.1, 2020, ISSN: 1872-2121, [Accepted, In Press] DOI: 10.2174/1872212114999200918122905 Paper link: https://www.eurekaselect.com/node/186068/article/progression-in-biometric-recognition-systems-and-its-security https://www.scimagojr.com/journalsearch.php?q=1872-2121
7	Dr. Surekha Borra	Development of magnetic resonance image de-noising methodologies: A comprehensive overview of the state-of-the-art	Smart Health, Vol. 18, Nov. 2020, E-ISSN:2352-6483] [Scopus Indexed]. Paper link: https://www.sciencedirect.com/science/article/abs/pii/S2352648320300301 https://www.scimagojr.com/journalsearch.php?q=2352-6483
8	Dr. Surekha Borra	Hybrid, Blind and Robust Image Watermarking: RDWT – NSCT based Secure Approach for Telemedicine Applications	Multimedia Tools and Applications, Vol.80, pp. 27593–27613, 2021 Paper link: https://link.springer.com/article/10.1007/s11042-021-11064-y https://www.scimagojr.com/journalsearch.php?q=25627&tip=sid&clean=0

SCOPUS Publications

Book chapter publications			
Sl. No.	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Power-Cognizant Proactive Routing Protocol for Amending Energy in Ad-hoc Networks	Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 601), pp 152-159,2020 DOI:10.1007/978-981-15-1420-3_17 link: https://link.springer.com/chapter/10.1007/978-981-15-1420-3_17 https://www.scopus.com/authid/detail.uri?authorId=57192552807
2	Dr. Surekha Borra	COVID-19 Apps: Privacy and Security Concerns	Intelligent Systems and Methods to Combat Covid-19, Springer Briefs in Applied Sciences and Technology. Springer, Singapore., Chapter 2, pp. 11-17, 2020, Online ISBN: 978-981-15-6572-4 Link: https://doi.org/10.1007/978-981-15-6572-4_2 https://www.scopus.com/sourceid/21100321695
3	Dr. Surekha Borra	Automation of Anomaly Detection in Warehouses: A Machine Learning-Based	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 16, 2020, ISBN: 978-981-33-4072-5.

		Approach	Link: https://link.springer.com/chapter/10.1007/978-981-33-4073-2_16 https://www.scopus.com/sourceid/21100901469
4	Dr. Surekha Borra	Acute-Lymphoblastic Leukaemia Detection through Deep Transfer Learning Approach of Neural Network	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 17, 2020, ISBN: 978-981-33-4072-5. Link: https://link.springer.com/chapter/10.1007/978-981-33-4073-2_17 https://www.scopus.com/sourceid/21100901469
5	Dr. Surekha Borra	Secure Anti-piracy System	Intelligent System Design, Advances in Intelligent Systems and Computing, Vol 1171. Springer, Singapore., pp. 827-835, 2021. Online ISBN: 978-981-15-5400-1, Print ISBN 978-981-15-5399-8, ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78 , Link: https://link.springer.com/chapter/10.1007/978-981-15-5400-1_78 https://www.scopus.com/sourceid/5100152904

INTERNATIONAL JOURNAL PUBLICATIONS

Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor: Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. Surekha Borra	Fragile Watermarking Framework for Tamper Detection of Color Biometric Images	International Journal of Digital Crime and Forensics, Vol.13, No. 2, pp. 100518-115538, 2021, ISSN: 1941-6210 Paper link: https://www.igi-global.com/article/fragile-watermarking-framework-for-tamper-detection-of-color-biometric-images/272832 https://www.scopus.com/sourceid/19700186847
2	Dr. Surekha Borra	Difference Expansion Based Reversible Watermarking Algorithms for Copyright Protection of Images: State-of-The-Art and Challenges	International Journal of Speech Technology, (2021). Paper link: https://doi.org/10.1007/s10772-021-09818-y https://www.scopus.com/sourceid/26802
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4	Dr. Surekha Borra	Detection and Classification of Leukocytes in Blood Smear Images:	International Journal of Ambient Computing and Intelligence, Vol. 12, No.2, pp. 030720-041648, 2021, ISSN: 1941-6237

		State-of-the-Art and Challenges	Paper link: https://www.igi-global.com/article/detection-and-classification-of-leukocytes-in-blood-smear-images/275761 https://www.scopus.com/sourceid/19700186849
5	Dr. Surekha Borra	Misinformation about COVID-19 and confidential information leakage: Impacts on the psychological well-being of Indians	Current Psychiatry Research and Reviews, Vol.16, No.4, pp.283-287, 2020, ISSN:2666-0822 Paper link: https://www.eurekaselect.com/node/186008/article/misinformation-about-covid-19-and-confidential-information-leakage-impacts-on-the-psychological-well-being-of-indians https://www.scopus.com/sourceid/21100936011
6	Dr.Surekha Borra	Progression in Biometric Recognition Systems and its Security	Recent Patents on Engineering, Vol. 14, No.1, 2020, ISSN: 1872-2121, [Accepted, In Press] Paper link: https://www.eurekaselect.com/node/186068/article/progression-in-biometric-recognition-systems-and-its-security https://www.scopus.com/sourceid/11500153307
7	Dr. Surekha Borra	Development of magnetic resonance image de-noising methodologies: A comprehensive overview of the state-of-the-art	Smart Health, Vol. 18, Nov. 2020, E-ISSN:2352-6483] [Scopus Indexed]. Paper link: https://www.sciencedirect.com/science/article/abs/pii/S2352648320300301 https://www.scopus.com/sourceid/21100894507
8	Dr. Surekha Borra	Hybrid, Blind and Robust Image Watermarking: RDWT – NSCT based Secure Approach for Telemedicine Applications	Multimedia Tools and Applications, Vol.80, pp. 27593–27613, 2021 Paper link: https://link.springer.com/article/10.1007/s11042-021-11064-y https://www.scopus.com/sourceid/25627

IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER CONFERENCE PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
1.	Dr. P N Sudha	Electronic Gauge for Micron Measurement and its Relevance to Industry 4.0	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15th – 16th Dec 2020
2	Dr. B Surekha	Detection of Piracy: Approaches and Challenges	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15th – 16th Dec 2020

3	Mrs. Jayasudha B S K	Ensemble Learning as A Prerogative Method of Predicting Mortality of Patients with Cardiovascular Diseases	7 th international conference on Electronics, Computing and Communication Technologies, IEEE,9 th -11 th July 2021
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K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
RESEARCH PUBLICATIONS
QUALITY PUBLICATIONS
Academic Year 2019-20

WEB OF SCIENCE PUBLICATIONS

INTERNATIONAL JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Shop floor to cloud connect for live monitoring the production data of CNC machines	International Journal of Computer Integrated Manufacturing, Vol. 33, No. 2, pp 142-158, 2020, ISSN: 0951-192X, DOI: 10.1080/0951192X.2020.1718762 Paper link: https://www.tandfonline.com/doi/abs/10.1080/0951192X.2020.1718762?journalCode=tcim20 https://mjl.clarivate.com:/search-results?issn=0951-192X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
2	Dr. P N Sudha	Power optimization in manet using topology management	Engineering Science and Technology, an International Journal, Vol.23, No.3, pp. 565-575, June 2020. Doi.org/10.1016/j.jestch.2019.07.008 [ISSN: 2215-0986] Paper link: https://www.sciencedirect.com/science/article/pii/S2215098619302101 https://mjl.clarivate.com:/search-results?issn=2215-0986&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
3	Dr. B Surekha	Edge detection and contour- based ear recognition scheme	Journal of Information Technology Research, Vol.12, No .3, pp. 74-92, 2019. DOI: 10.4018/JITR.2019070105 ISSN: 1938-7857 Paper link: https://www.igi-global.com/article/edge-detection-and-contour-based-ear-recognition-scheme/234474 https://mjl.clarivate.com:/search-results?issn=1938-7857&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

SCI Publications

INTERNATIONAL JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Shop floor to cloud connect for live monitoring the production data of CNC machines	International Journal of Computer Integrated Manufacturing, Vol. 33, No. 2, pp 142-158, 2020, ISSN: 0951-192X, DOI: 10.1080/0951192X.2020.1718762 Paper link:

			https://www.tandfonline.com/doi/abs/10.1080/0951192X.2020.1718762?journalCode=tcim20 https://www.scimagojr.com/journalsearch.php?q=18198&tip=sid&clean=0
2	Dr. P N Sudha	Power optimization in manet using topology management	<p>Engineering Science and Technology, an International Journal, Vol.23, No.3, pp. 565-575, June 2020. Doi.org/10.1016/j.jestch.2019.07.008 [ISSN: 2215-0986] Paper link: https://www.sciencedirect.com/science/article/pii/S2215098619302101 https://www.scimagojr.com/journalsearch.php?q=19900192412&tip=sid&clean=0</p>
3	Dr. B Surekha	Edge detection and contour- based ear recognition scheme	<p>Journal of Information Technology Research, Vol.12, No .3, pp. 74-92, 2019. DOI: 10.4018/JITR.2019070105 ISSN: 1938-7857 Paper link: https://www.igi-global.com/article/edge-detection-and-contour-based-ear-recognition-scheme/234474 https://www.scimagojr.com/journalsearch.php?q=1938-7857</p>
4	Mrs. Sangeetha V	Analysis of Bit Error Rate on M-array QAM over Gaussian and Rayleigh Fading Channel	<p>International Journal of Innovative Technology and Exploring Engineering Vol.09, No. 6, pp-482-485,2020 ISSN:2278-3075. Paper link: https://www.ijitee.org/wp-content/uploads/papers/v9i6/F3786049620.pdf https://www.scimagojr.com/journalsearch.php?q=2278-3075</p>

Scopus Publications

Book chapter publications			
Sl. No.	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Secrecy capacity of symmetric keys generated by quantizing channel metrics over a fading channel	<p>Inventive Computation Technologies, Springer, pp 404-413,2019 Link: https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45 https://www.scopus.com/authid/detail.uri?authorId=57192552807</p>

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1	Dr. P N Sudha	Shop floor to cloud connect for live monitoring the production data of CNC machines	International Journal of Computer Integrated Manufacturing, Vol. 33, No. 2, pp 142-158, 2020, ISSN: 0951-192X, DOI: 10.1080/0951192X.2020.1718762 Paper link: https://www.tandfonline.com/doi/abs/10.1080/0951192X.2020.1718762?journalCode=tcim20 https://www.scopus.com/sources.uri
2	Dr. P N Sudha	Power optimization in manet using topology management	Engineering Science and Technology, an International Journal, Vol.23, No.3, pp. 565-575, June 2020. Doi.org/10.1016/j.jestch.2019.07.008 [ISSN: 2215-0986] Paper link: https://www.sciencedirect.com/science/article/pii/S2215098619302101 https://www.scopus.com/sources.uri
3	Dr. B Surekha	Edge detection and contour- based ear recognition scheme	Journal of Information Technology Research, Vol.12, No .3, pp. 74-92, 2019. DOI: 10.4018/JITR.2019070105 ISSN: 1938-7857 Paper link: https://www.igi-global.com/article/edge-detection- and-contour-based-ear-recognition-scheme/234474 https://www.scopus.com/sources.uri
4	Mrs. Sangeetha V	Analysis of bit error rate on M-array QAM over Gaussian and Rayleigh fading channel	International Journal of Innovative Technology and Exploring Engineering Vol.09, No. 6, pp-482-485,2020 ISSN:2278-3075. Paper link: https://www.ijitee.org/wp-content/uploads/papers/v9i6/F3786049620.pdf https://www.scopus.com/sources.uri

IEEE/SPRINGER CONFERENCE PUBLICATIONS

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Sl. No.	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
1	Dr. P N Sudha	Secrecy capacity of symmetric key generated by quantizing channel metrics over a fading channel	4th International Conference on Inventive Computation, Technologies ICICT-2019, Coimbatore, India 29th- 30th August 2019 ISSN: 2367- 3370
2	Dr. B Surekha	Secured anti-piracy screen	3rd International Conference on Intelligent Computing and Communication (ICICC-2019), Dayananda sagar University, 7th-8th June 2019
3	Mr. Christo Jain	Proposal of a cost effective wireless power transfer system form solar using aerial techonology	4th International conference on Trends in electronics and informatics (ICOEI),SCAD Collage of engineering ,15-17 june 2020,Tirunelveli,Tamilnadu

4	Mrs. Aruna Rao B P	Design and modeling of input output functionalities of FPGA based IOblock	Global Conference for Advancement in Technology, (GCAT- 2019), Nagarjuna College of Engineering and Technology, Bangalore, India 18th-20th October 2019 ISBN: 978-1-7281- 3694-3
5	Mrs. Aruna Rao B P	Design and delay analysis of various 256-bit adders using verilog	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies, and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th -14th December 2019. ISBN: 978-7281-3261-7 IEEE CONFERENCE
6	Mrs. Aruna Rao B P	Design and implementation of 256*256 booth multipliers and its application	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th - 14th December 2019. ISBN: 978-7281-3261-7 IEEE CONFERENCE
7	Mrs. Aruna Rao B P	High speed multipliers and complex summers	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th - 14th December 2019. ISBN: 978-7281-3261-7 IEEE CONFERENCE
8	Mrs. Aruna Rao B P	Design and implementation of reversible computational circuits by creating libraries of basic gates using verilog HDL	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th - 14th December 2019. ISBN: 978-7281-3261-7 IEEE CONFERENCE



K.S. INSTITUTE OF TECHNOLOGY
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WEB OF SCIENCE PUBLICATIONS

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1	Dr. B Surekha	A FRT - SVD based blind medical watermarking technique for telemedicine applications	International Journal of Digital Crime and Forensics, Vol. 11, No. 2, pp. 13-33, 2019, ISSN: 1941-6210, EISSN: 1941-6229 Paper link: https://www.igi-global.com/article/a-frt---svd-based-blind-medical-watermarking-technique-for-telemedicine-applications/223939 https://mjl.clarivate.com/search-results?issn=1941-6210&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal UGC Approved
2	Dr. B Surekha	Fragile watermarking for copyright authentication and tamper detection of medical images using compressive sensing (CS) based encryption and contourlet domain processing	Multimedia Tools and Applications, Vol.78, No.10, 2019, pp. 13905-13924, Springer, [ISSN: 1380-7501] WoS2018 Journal Impact Factor 2.101 Paper link: https://link.springer.com/article/10.1007/s11042-018-6746-2 https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
3	Dr. B Surekha	Crypto water marking scheme for tamper detection of medical images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, [In Press] ISSN: 2168- 1163, Doi.org/10.1080/21681163.2019.1595730 Paper link: https://www.researchgate.net/publication/332059999_Crypto-watermarking_scheme_for_tamper_detection_of_medical_images https://mjl.clarivate.com/search-results?issn=2168-1163&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal UGC Approved

SCI Publications

BOOK PUBLICATIONS			
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1	Dr. B Surekha	Satellite image analysis: clustering and classification	Springer briefs in applied sciences and technology, Springer, 2019, ISBN: 978-981-13-6424-2 , ISSN: 2191-530x Link: https://link.springer.com/book/10.1007/978-981-13-6424-2 https://www.scimagojr.com/journalsearch.php?q=21100321695&tip=sid&clean=0 Citations: 1

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Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Fisheye state protocol in correlation with power consumption in AD-HOC networks	International Journal of Applied Engineering Research, Vol. 13, No. 17, pp. 13335-13339, 2018 ISSN:0973-4562 Paper link: https://www.ripublication.com/ijaer18/ijaerv13n17_50.pdf https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0 (UGC approved journal - 2017 journal no. - 64529)
2	Dr. B Surekha	A FRT - SVD based blind medical watermarking technique for telemedicine applications	International Journal of Digital Crime and Forensics, Vol. 11, No. 2, pp. 13-33, 2019, ISSN: 1941-6210, EISSN: 1941-6229 Paper link: https://www.igi-global.com/article/a-frt---svd-based-blind-medical-watermarking-technique-for-telemedicine-applications/223939 https://www.scimagojr.com/journalsearch.php?q=19700186847&tip=sid&clean=0 UGC Approved
3	Dr. B Surekha	Fragile watermarking for copyright authentication and tamper detection of medical images using compressive sensing (CS) based encryption and contourlet domain processing	Multimedia Tools and Applications, Vol.78, No.10, 2019, pp. 13905-13924, Springer, [ISSN: 1380-7501] WoS2018 Journal Impact Factor 2.101 UGC Approved Paper link: https://link.springer.com/article/10.1007/s11042-018-6746-2 https://www.scimagojr.com/journalsearch.php?q=19400156805&tip=sid&clean=0 WoS 2018 Journal Impact Factor2.101

4	Dr. B Surekha	Crypto water marking scheme for tamper detection of medical images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, [In Press] ISSN: 2168- 1163, Doi.org/10.1080/21681163.2019.1595730 UGC Approved Paper link: https://www.researchgate.net/publication/332059999_Crypto-watermarking_scheme_for_tamper_detection_of_medical_images https://www.scimagojr.com/journalsearch.php?q=21100773821&ti p=sid&clean=0
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Scopus Publications

BOOK PUBLICATIONS			
Sl. No.	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. B Surekha	Satellite image analysis: clustering and classification	Springer briefs in applied sciences and technology, Springer, 2019, ISBN: 978-981-13-6424-2 , ISSN: 2191-530x Paper link: https://link.springer.com/book/10.1007/978-981-13-6424-2 https://www.scopus.com/sourceid/21100321695

BOOK CHAPTER PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. B Surekha	Real-time facial recognition using deep learning and local binary patterns	Proceedings of international ethical hacking conference 2018, Springer series on advances in intelligent systems and computing, Vol.811, pp.331-347, 2018, ISBN: 978-981-13-1543-5 link: https://link.springer.com/chapter/10.1007/978-981-13-1544-2_27 https://www.scopus.com/sourceid/5100152904

INTERNATIONAL JOURNAL PUBLICATIONS

Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Fisheye state protocol in correlation with power consumption in AD-HOC networks	International Journal of Applied Engineering Research, Vol. 13, No. 17, pp. 13335-13339, 2018 ISSN:0973-4562 Paper link: https://www.ripublication.com/ijaer18/ijaerv13n17_50.pdf https://www.scopus.com/sourceid/21100217234 (UGC approved journal - 2017 journal no. - 64529),
2	Dr. B Surekha	A FRT - SVD based blind medical watermarking technique for telemedicine applications	International Journal of Digital Crime and Forensics, Vol. 11, No. 2, pp. 13-33, 2019, ISSN: 1941-6229, EISSN: 1941-6229 Paper link: https://www.igi-global.com/article/a-frt---svd-based-blind-medical-watermarking-technique-for-telemedicine-applications/223939 https://www.scopus.com/sourceid/19700186847 UGC Approved
3	Dr. B Surekha	Crypto water marking scheme for tamper detection of medical images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, [In Press] ISSN: 2168-1163, Doi.org/10.1080/21681163.2019.1595730 Paper link: https://www.researchgate.net/publication/332059999_Crypto-watermarking_scheme_for_tamper_detection_of_medical_images https://www.scopus.com/sourceid/21100773821 UGC Approved
4	Dr. B Surekha	Real-time facial recognition using deep learning and local binary pattern	Springer International Conference on Ethical Hacking- (EHACON - 2018), Institute of Engineering & Management, Kolkata, West Bengal, India, 6th-7th, April 2018, pp.331-347. ISBN 978-981-13- 1544-2 Paper link: https://www.researchgate.net/publication/328106029_Real-Time_Facial_Recognition_Using_Deep_Learning_and_Local_Binary_Patterns_eHaCON_2018_Kolkata_India https://www.scopus.com/sourceid/5100152904

IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER CONFERENCE PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC, Indexed Link, No. of Citations
1	Dr. P N Sudha	Power-cognizant proactive routing protocol for amending energy in adhoc Networks	International Conference on Data sciences, Machine Learning and Applications, ICDSMLA 2019, CMR Institute of Technology, Hyderabad, 29th-30th March 2019 SPRINGER CONFERENCE
2	Dr. B Surekha	Real-time facial recognition using deep learning and local binary pattern	Springer International Conference on Ethical Hacking- (EHACON - 2018), Institute of Engineering & Management, Kolkata, West Bengal, India, 6th-7th, April 2018, pp.331-347. ISBN 978-981-13-1544-2