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

	2021-22			2020-21			2019-20			2018-19			2017-18			
	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Total
WEB OF SCIENCE						4			3			3			3	13
SCI			1			8			4	1		4	1		7	26
SCOPUS			1		5	8		1	4	1	1	4	1	5	7	38
IEEE/SPRINGER CONFERENCE						3			8			2			3	16

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

Academic Year 2021-22

SCI Publications

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	Digital video watermarking tools: an overview	International Journal of Information and Computer Security, Vol. 16, Nos. 2, 2021, ISSN: 17441765], **DOI:** 10.1504/IJICS.2019.10023312 https://www.scimagojr.com/journalsearch.php?q=19400156805&tip=sid&clean=0

SCOPUS Publications

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	Digital video watermarking tools: an overview	International Journal of Information and Computer Security, Vol. 16, Nos. 2, 2021, ISSN: 17441765], **DOI:** 10.1504/IJICS.2019.10023312 https://www.scopus.com/sourceid/19400156805

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 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 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 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 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

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. 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 https://www.scimagojr.com/journalsearch.php?q=1941-6210
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). https://www.scimagojr.com/journalsearch.php?q=26802&tip=sid&clean=0
3	Dr. Surekha	A Survey on Prevention	Recent Patents on Engineering, Vol.15, No.2, 2021

	Borra	Techniques for Camcorder Video Piracy in Movie Theatres	ISSN: 1872-2121, 2212-4047, [Accepted, In Press]. [DOI: 10.2174/1872212115666201208000236] 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 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 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 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]. 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 https://link.springer.com/article/10.1007/s11042-021-11064-y https://doi.org/10.1007/s10772-021-09818-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 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, 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 Approach	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. 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. 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, https://www.scopus.com/sourceid/5100152904

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
		INTERNATIONAL JOURNAL PUBLICATIONS	
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 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). https://doi.org/10.1007/s10772-021-09818-y https://www.scopus.com/sourceid/26802
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] https://www.scopus.com/sourceid/11500153307
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 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 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] 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]. 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 https://www.scopus.com/sourceid/25627

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
		IEEE/SPRINGER CONFERENCE PUBLICATIONS	
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 https://link.springer.com/article/10.1007/s42979-021-00570-3
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	7th international conference on Electronics, Computing and Communication Technologies, IEEE,9th-11thJuly 2021

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 https://mjl.clarivate.com/search-results
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] https://mjl.clarivate.com/search-results
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 https://mjl.clarivate.com/search-results

SCI Publications

	International Journal publications		
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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 https://www.scimagojr.com/journalsearch.php?q=18198&tip=sid&clean=0
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] https://www.scimagojr.com/journalsearch.php?q=19900192412&tip=sid&clean=0 https://www.sciencedirect.com/science/article/pii/S2215098619302101
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 https://www.scimagojr.com/journalsearch.php?q=1938-7857
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. https://www.scimagojr.com/journalsearch.php?q=2278-3075

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	Inventive Computation Technologies, Springer, pp 404-413,2019 https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45 https://www.scopus.com/authid/detail.uri?authorId=57192552807

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 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] 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 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. https://www.scopus.com/sources.uri

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	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 https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45
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

			https://www.springer.com/gp/book/9789811510830
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 https://ieeexplore.ieee.org/document/9142926
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 https://ieeexplore.ieee.org/document/8978325
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 multiplers 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
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
RESEARCH PUBLICATIONS
QUALITY PUBLICATIONS
Academic Year 2018-19

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. 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 https://mjl.clarivate.com/journal-profile 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 https://mjl.clarivate.com/search-results
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 https://mjl.clarivate.com/journal-profile UGC Approved

SCI 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 https://www.springer.com/gp/book/9789811364235#otherversion=9789811364242 https://www.scimagojr.com/journalsearch.php?q=21100321695&tip=sid&clean=0 Citations: 1

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 https://www.ripublication .com/ijaer.htm https://www.scopus.com/sourceid/21100217234

			(UGC approved journal - 2017 journal no. - 64529), https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0
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 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 https://www.scimagojr.com/journalsearch.php?q=19400156805&tip=sid&clean=0 WoS 2018 Journal Impact Factor2.101 https://link.springer.com/article/10.1007/s11042-018-6746-2
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 https://www.scimagojr.com/journalsearch.php?q=21100773821&tip=sid&clean=0

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 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 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 https://www.ripublication .com/ijaer.htm https://www.scopus.com/sourceid/21100217234 (UGC approved journal - 2017 journal no. - 64529), https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0

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 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 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 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 Datasceinces, 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 https://www.scopus.com/sourceid/5100152904

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. B Surekha	A RONI based visible watermarking approach for medical image authentication	Journal of Medical Systems, Springer, Vol.41:143, [Doi: 10.1007/s10916-017-0795-3] WoS 2018 Journal Impact https://mjl.clarivate.com/search-results WoS2018 Journal Impact Factor2.415 https://link.springer.com/article/10.1007/s10916-017-0795-3
2	Dr. B Surekha	A steganographic approach for secure communication of medical images based on DCT-SVD and compressed sensing (CS) theory	Imaging Science Journal, Vol.65, No 8, pp.457-467. 2017, Doi: 10.1080/13682199.2017.1367129 WoS2018 Journal Impact Factor0.846 https://mjl.clarivate.com/search-results
3	Dr. B Surekha	A colour image steganography in hybrid FRT–DWT domain	Journal of Information Security and Application s, Vol.40, pp. 92–102, 2018, ISSN:2214-2134, Doi: 0.1016/j.jisa.2018.03.004 https://mjl.clarivate.com/search-results https://www.sciencedirect.com/science/article/abs/pii/S2214212617305495

SCI 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	Medical imaging and its security in telemedicine application s	Springer briefs in applied sciences and technology, Springer, 2019, ISBN 978-3-319-93311-5, ISSN: 2191-530x https://www.scimagojr.com/journalsearch.php?q=21100321695&tip=sid&clean=0 https://www.springer.com/us/book/9783319933108
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. B Surekha, Mrs. Lakshmi HR	Digital image watermarking tools: state-of-the-art	Frontiers in Artificial Intelligence and Application s, Vol.296, pp.450-459, 2017, ISSN: 09226389, Doi: 10.3233/978-1-61499-785-6-450 https://www.scimagojr.com/journalsearch.php?q=19500157321&tip=sid&clean=0
2	Dr. B Surekha	A RONI based visible watermarking approach for medical image authentication	Journal of Medical Systems, Springer, Vol.41:143, [Doi: 10.1007/s10916-017-0795-3] WoS 2018 Journal Impact https://www.scimagojr.com/journalsearch.php?q=23710&tip=sid&clean=0 Factor2.415

3	Dr. B Surekha	A steganographic approach for secure communication of medical images based on DCT-SVD and compressed sensing (CS) theory	Imaging Science Journal, Vol.65, No 8, pp.457-467. 2017, Doi: 10.1080/13682199.2017.1367129] WoS 2018 Journal Impact Factor0.846 https://www.scimagojr.com/journalsearch.php?q=25962&tip=sid&clean=0 https://www.tandfonline.com/doi/abs/10.1080/13682199.2017.1367129
4	Dr. B Surekha	An efficient medical image watermarking scheme based on FDCUT–DCT	Engineering Science and Technology an International Journal, Vol.20, no.4, pp. 1366-1379, 2017, Doi: 10.1016/j.jestch.2017.06.001 2215-0986 https://www.scimagojr.com/journalsearch.php?q=21100806003&tip=sid&clean=0 https://www.sciencedirect.com/science/article/pii/S2215098617304287
5	Dr. B Surekha	Crowd density estimation using image processing: A survey	International Journal of Applied Engineering, Vol. 13, pp. 6855-6864, 2018. ISSN: 0973-4562 https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0
6	Dr. B Surekha	A colour image steganography in hybrid FRT–DWT domain	Journal of Information Security and Application s, Vol.40, pp. 92–102, 2018, ISSN:2214-2134, Doi: 0.1016/j.jisa.2018.03.004 WoS 2018 Journal Impact Factor1.537 https://www.scimagojr.com/journalsearch.php?q=21100332403&tip=sid&clean=0
7	Dr. B Surekha	A watermarking algorithm for multiple watermarks protection using RDWT-SVD and compressive sensing	Informatica: An International Journal of Computing and Informatics, Vol.41, no.4, pp. 479–493, 2017 https://www.scimagojr.com/journalsearch.php?q=25507&tip=sid&clean=0

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	Classification in Bioapps-Automation of decision-making lecture notes in computational vision and biomechanics	Springer, Series Vol. 26, ISSN: 2212-9391 ISBN 978-3-319-65980-0 ISBN 978-3-319-65981-7 (Ebook) https://www.springer.com/in/book/9783319659800 https://www.scopus.com/sourceid/21100380994

			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	Medical imaging and its objective quality assessment: an introduction, studies in LNCVB series	Springer eBook, chapter 1, pp.3-32, ISBN 978-3-319-65981-7, ISSN: 2212-9391 https://www.scopus.com/sourceid/21100380994 https://link.springer.com/chapter/10.1007/978-3-319-65981-7_1
2	Dr. B Surekha	ECG based myocardial infarction detection using hybrid classification techniques	Studies in LNCVB series, Springer, eBook, chapter 3, pp.57-78, ISBN 978-3-319-65981-7 ISSN: 2212-9391 https://www.scopus.com/sourceid/21100380994 https://link.springer.com/chapter/10.1007/978-3-319-65981-7_3
3	Mrs. Pragati P Dr. B Surekha	Machine learning based plant leaf disease detection and severity assessment techniques	State-of-the-art, studies in LNCVB series, springer, eBook, chapter 8, pp. 199-226 ISBN 978-3-319-65981-7, ISSN: 2212-9391 https://www.scopus.com/sourceid/21100380994 https://link.springer.com/chapter/10.1007/978-3-319-65981-7_3
4	Dr. B Surekha	ECG signal dimensionality reduction based atrial fibrillation detection	Studies in LNCVB series, Springer, eBook, ISBN 978-3-319-65981-7, ISSN: 2212-9391 pp.383-406 chapter 14 https://www.scopus.com/sourceid/21100380994 https://link.springer.com/chapter/10.1007/978-3-319-65981-7_14 Citations: 3
5	Dr. B Surekha	A Bio-Application for Accident Victims' Identification using Biometrics	Studies in LNCVB Series, Springer, Chapter 15, pp.407-447, [E ISBN 978-3-319-65981-7] ISSN: 2212-9391 https://link.springer.com/chapter/10.1007/978-3-319-65981-7_15 https://www.scopus.com/sourceid/21100380994

			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.B.Surekha, Mrs. Lakshmi H R,	Digital image watermarking tools: state-of-the-art	Frontiers in Artificial Intelligence and Application s, Vol.296, pp.450-459, 2017, ISSN: 09226389, Doi: 10.3233/978-1-61499-785-6-450 https://www.scopus.com/sourceid/19500157321
2	Dr. B Surekha	A RONI based visible watermarking approach for medical image authentication	Journal of Medical Systems, Springer, Vol.41:143, [Doi: 10.1007/s10916-017-0795-3] WoS 2018 Journal Impact https://www.scopus.com/sourceid/23710
3	Dr. B Surekha	A steganographic approach for secure communication of medical images based on DCT-SVD and compressed sensing (CS) theory	Imaging Science Journal, Vol.65, No 8, pp.457-467. 2017, Doi: 10.1080/13682199.2017.1367129] WoS 2018 Journal Impact Factor0.846 https://www.tandfonline.com/doi/abs/10.1080/13682199.2017.1367129 https://www.scopus.com/sourceid/25962
4	Dr. B Surekha	An efficient medical image watermarking scheme based on FDCUT–DCT	Engineering Science and Technology an International Journal, Vol.20, no.4, pp. 1366-1379, 2017, Doi: 10.1016/j.jestch.2017.06.001 2215-0986 https://www.scopus.com/sourceid/21100806003

5	Dr. B Surekha	A colour image steganography in hybrid FRT–DWT domain	Journal of Information Security and Application s, Vol.40, pp. 92–102, 2018, ISSN:2214-2134, Doi: 0.1016/j.jisa.2018.03.004 WoS 2018 Journal Impact Factor1.537 https://www.scopus.com/sourceid/21100332403
6	Dr. B Surekha	Secure transmission and integrity verification of color radiological images using fast discrete curvelet transform and compressive sensing	Smart Health, Vol. 12, pp 35-48, 2019, doi.org/10.1016/j.smhl.2018.02.001 https://www.scopus.com/sourceid/21100894507
7	Dr. B Surekha	A watermarking algorithm for multiple watermarks protection using RDWT-SVD and compressive sensing	Informatica: An International Journal of Computing and Informatics, Vol.41, no.4, pp. 479–493, 2017 https://www.scopus.com/sourceid/25507

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	Mrs. Prathima B A, Dr. P N Sudha	Electronic sensors for micron resolution dimension measurement	IEEE international Conference on Electrical, Electronic Communication, Computer Technologies and Optimization Techniques, GSSSSIETW, Mysuru. 15-16 December 2017, ISBN:978-1-5386-2361-9 DOI: 10.1109/ICEECCOT.2017.8284528 IEEE link:https://ieeexplore.ieee.org/document/8284528
2	Dr. B Surekha	Real-time facial recognition using deep learning and local binary patterns	Springer International Conference on Ethical Hacking- (EHACON -2018), Institute of Engineering & Management, Kolkata, West Bengal, India, April 6th-7th, 2018. ISBN:978-981-13-1544-2 **SPRINGER CONFERENCE**
3	Mrs. Lakshmi H R	Digital MCB	IEEE International Conference on Smart Technology for Smart Nation, REVA university, Bangalore, august 17-19 2017, pp.1416-1420. ISBN:978-1-5386-0569-1 IEEE link: https://ieeexplore.ieee.org/document/8358617