



PUBLICATIONS SUMMARY

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K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2021-22

Details of research publications https://drive.google.com/drive/u/0/folders/1tpCAeSUD6yfCAknmG0oD3P0ehULIdYOZ			
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	Mrs. Bhargavi Ananth	Engineering Statistics And Linear Algebra	NEW AGE INTERNATIONAL (P) LIMITED, PUBLISHERS First Edition 2022
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	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 https://www.scimagojr.com/journalsearch.php?q=19400156805&tip=sid&clean=0
2	Mr. Santhosh Kumar	LPG Gas Leakage Detector	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No 7, pp. 190-192, 2021, ISSN: 2393-8021
3	Mrs. Sangeetha V	Heartbeat Sensor Using Arduino UNO	International Journal of Research Publication and Reviews, Vol.02, No. 08, pp: 21-23,2021, ISSN: 2582-7421
INTERNATIONAL 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.PN Sudha	Machine Learning techniques for Cardiovascular Risk score - prediction	IEEE MysuruCon-2021, NAVKIS College of Engineering, Hassan, 24 th -25 th October 2021
2.	Dr. Surekha Borra	Real-Time Face Detection and Recognition on Raspberry Pi Using LBP and Deep learning	International Conference on Data Science, Machine Learning and Artificial Intelligence (DSMLAI), 9 th – 12 th August 2021, Faculty of Computing and Informatics, Namibia University of Science and Technology (NUST), Windhoek, NAMIBIA.
3.	Dr. Surekha Borra	A Hybrid Reversible Image Watermarking Technique based on Fractal Encryption and Grey Wolf Optimization	IEEE MysuruCon-2021, NAVKIS College of Engineering, Hassan, 24 th -25 th October 2021
4.	Dr. Surekha Borra	Evaluation of Machine Learning Models for Real-Time Sign Recognition	IEEE MysuruCon-2021, NAVKIS College of Engineering, Hassan, 24 th -25 th October 2021
5.	Mrs. Jayasudha BSK	Machine Learning techniques for Cardiovascular Risk score - prediction	IEEE MysuruCon-2021, NAVKIS College of Engineering, Hassan, 24 th -25 th October 2021

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LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2020-21

Details of research publications https://drive.google.com/drive/folders/1BfZhsa2SRSSl_movUL13_18R2oLkYfi6?usp=sharing			
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 Corpus ID: 219471495 https://www.scopus.com/authid/detail.uri?authorId=57192552807
2	Dr. Surekha Borra	Biometric Sensors	Encyclopedia of Cryptography, Security and Privacy. Springer, Berlin, Heidelberg., Feb. 2021, ISBN: 978-3-642-27739-9 https://doi.org/10.1007/978-3-642-27739-9_1604-1
3	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
4	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
5	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
6	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
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	Literature Review on Hybrid Temperature Sensing and Monitoring System with Built-in sanitizer	International Advanced Research Journal in Science Engineering and Technology, Vol. 7, No. 12, pp. 66-70, 2020, ISSN: 2393-8021, DOI: 10.17148/IARJSET.2020.71213
2	Dr. P N Sudha	The Design, Modeling, Construction, and Implementation of Self-Balancing Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol,8, No. 6, pp.922- 924, 2021, ISSN: 2393-8021
3	Dr. P N Sudha	IR Underwater Wireless Communication	International Research Journal of Engineering and Technology, Vol,8, No. 4, pp. 4601- 2021, ISSN: 2395-0056

4	Dr. P N Sudha	Automatic Plant Watering System using Arduino	International Journal of Innovative Research in Technology, Vol,8, No. 3, pp.260- 262, 2021, ISSN: 2349-6002
5	Dr. P N Sudha	Social Distance Remainder	International Journal of Research Publication and Reviews, Vol 2, No. 8, pp. 982 – 983, 2021, ISSN: 2582 - 7421
6	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.scopus.com/sourceid/25627 https://www.scimagojr.com/journalsearch.php?q=25627&tip=sid&clean=0 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
7	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.igi-global.com/article/fragile-watermarking-framework-for-tamper-detection-of-color-biometric-images/272832 https://www.scopus.com/sourceid/19700186847 https://www.scimagojr.com/journalsearch.php?q=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-this-journal
8	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://doi.org/10.1007/s10772-021-09818-y https://www.scopus.com/sourceid/26802 https://www.scimagojr.com/journalsearch.php?q=26802&tip=sid&clean=0 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
9	Dr. Surekha Borra	A Survey on Prevention Techniques for Camcorder Video Piracy in Movie Theatres	Recent Patents on Engineering, Vol.15, No.2, pp.207-217, 2021 ISSN: 1872-2121, 2212-4047, [DOI: 10.2174/1872212115666201208000236] https://www.scopus.com/sourceid/11500153307 https://www.scimagojr.com/journalsearch.php?q=1872-2121
10	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 https://www.scimagojr.com/journalsearch.php?q=19700186849&tip=sid&clean=0
11	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 https://www.scimagojr.com/journalsearch.php?q=2666-0830 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-this-journal
12	Dr. Surekha Borra	Progression in Biometric Recognition Systems and its Security	Recent Patents on Engineering, Vol. 14, No.1, 2020, ISSN: 1872-2121, Vol.14, DOI: 10.2174/1872212114999200918122905 https://www.scopus.com/sourceid/11500153307 https://www.scimagojr.com/journalsearch.php?q=1872-2121
13	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 https://www.scopus.com/sourceid/21100894507 https://www.scimagojr.com/journalsearch.php?q=2352-6483
14	Dr. Sangappa S B	Communication In LI-FI	Journal of Emerging Technologies and Innovative Research, Vol. 07, No. 08, pp. 1425-1429,2020, ISSN:2395-5162
15	Dr. B. Sudarshan	Automation of Manually Operated Devices	International Research in Applied Science & Engineering Technology, Vol.08, No.8, pp. 411 – 416,2020, ISSN: 2321-9653, Impact Factor:7.429.

16	Dr. B. Sudarshan	A Survey on Brain Actuated Applications for Paralyzed People	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No. 5, pp. 214-219, 2021, ISSN: 2393-8021
17	Dr. B. Sudarshan	Implementation of Brain Actuated Application for Paralyzed People	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No. 6, pp. 819-824, 2021, ISSN: 2393-8021
18	Dr. B. Sudarshan	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No 6, pp. 839-843, 2021, ISSN: 2393-8021
19	Dr. B. Sudarshan	Laser Based Security System	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No 7, pp. 91-93, 2021, ISSN: 2393-8021
20	Dr. B. Sudarshan	Short Range Radar System	International Journal of Research Publication and Reviews, Vol.2, No.7, pp.1726-1730, 2021, ISSN: 2582-7421
21	Mr. Santhosh Kumar	Smart Mopping Robot	International Journal of Engineering Applied Sciences and Technology, Vol.07, No. 08, pp. 1188-1191, 2020 e-ISSN:2395-0056, Impact Factor: 7.529
22	Mr. Santhosh Kumar	Literature Review on Area-Delay-Power Efficient Carry-Select Adder	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 262-264, 2021, ISSN: 2393-8021
23	Mr. Santhosh Kumar	Smart Water Metering System	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 407-409, 2021, ISSN: 2393-8021,
24	Mr. Santhosh Kumar	Smart Water Metering System	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 280-284, 2021, ISSN: 2393-8021,
25	Mr. Santhosh Kumar	Smart Street Light	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 132-134, 2021, ISSN: 2393-8021,
26	Mr. Santhosh Kumar	Terminal Chat Client Using MQTT	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 107 -109, 2021, ISSN: 2393-8021,
27	Mrs. Vishalini Divakar	Commuting Aid for Visually Impaired People	International Research Journal of Engineering and Technology, Vol.07, No. 08, pp: 1231 -1234, 2020, e-ISSN: 2395-0056, Impact Factor: 7.529
28	Mrs. Vishalini Divakar	Operation Theatre Automation and control (OTAC)	International Research Journal of Engineering and Technology, Vol.07, No: 08, pp: 1244 - 1250, 2020, e-ISSN: 2395-0056, Impact Factor: 7.529
29	Mrs. Vishalini Divakar	Review on Automatic sanitizer dispensing machine	International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No. 06, pp: 938-939, 2021, ISSN: 2393-8021
30	Mrs. Vishalini Divakar	A Review on Alcohol and Drowsiness detection for a four-wheeler	Journal of Applied Science and Computations, Vol 08, No:05, pp.151-155, 2021, ISSN: 0022-1945
31	Mrs. Vishalini Divakar	Literature Review on IOT Based Plant Disease Detection	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 5, pp. 405-406, 2021, ISSN 2393-8021
32	Mrs. Vishalini Divakar	IoT Based Plant Disease Detection	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 7, pp: 289-292, 2021, ISSN: 2393-8021
33	Mrs. Vishalini Divakar	Rain Detector with Alarm	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 86-89, 2021, ISSN: 2393-8021,
34	Mrs. Jayasudha B S K	Machine Learning Techniques for Cardiovascular Score Prediction – A Review	International Research Journal of Engineering and Technology, Vol. 8, No 1, pp. 1 -7, 2021, ISSN: 2395-0056
35	Mrs. Jayasudha B S K	Smart Syringe Pump for Telemedicine and Health Care	International Journal of Advance in Engineering and Management, Vol.03, No. 06, pp. 1134 - 1138, 2021, e-ISSN: 2395-5252
36	Mr. Sampath Kumar S	Smart Traffic System using Load cells and IR Sensors	International Research Journal of Modernization in Engineering Technology and Science, Vol.02, No. 08, pp: 9-16, 2020, e-ISSN:2582-5208
37	Mr. Sampath Kumar S	Modern Agriculture using Swarm Robots	International Journal of Advance in Engineering and Management, Vol.02, No. 04, pp. 67 - 70, 2020, e-ISSN: 2395-5252, ISO 9001: 2008 Certified Journal, DOI: 10.35629/5252-02046770

38	Mr. Sampath Kumar S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp. 362-364,2021, ISSN: 2393-8021
39	Mr. Sampath Kumar S	Human Following Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 258 -259, 2021, ISSN: 2393-8021
40	Mr. Sampath Kumar S	Smart Energy Meter	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 179 - 183, 2021, ISSN: 2393-8021
41	Mr. Sampath Kumar S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 1-5,2021, ISSN: 2393-8021
42	Mr. Sampath Kumar S	IoT Based Home automation and security	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 06, pp. 908-910,2021, ISSN: 2393-8021
43	Mr. Sunil Kumar G. R	Morse code based Secured Authentication System through Artificial Intelligence	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp. 347 - 357,2021, ISSN: 2393-8021
44	Mr. Sunil Kumar G. R	A Comprehensive Study of Face Recognition for Security-based Systems	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp. 355 - 361,2021, ISSN: 2393-8021
45	Mr. Sunil Kumar G. R	Implementation of Quine McCluskey Method on FPGA	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No 5, pp. 204-206,2021, ISSN: 2393-8021
46	Mr. Sunil Kumar G. R	Implementation of Quine McCluskey Method on FPGA	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No 7, pp. 293-299,2021, ISSN: 2393-8021
47	Mr. Sunil Kumar G. R	Automatic Rain Sensing Wiper Circuit using 555 Timer IC	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 110-113,2021, ISSN: 2393-8021
48	Mr. Sunil Kumar G. R	Gas Leakage Detector	International Journal of Research Publication and Reviews, Vol.02, No. 07, pp. 1632-1635,2021, ISSN: 2582-7421
49	Mr. Sunil Kumar G. R	Automatic Waste Segregator System	International Journal of Research Publication and Reviews, Vol.02, No. 07, pp. 1794 -1802,2021, ISSN: 2582-7421
50	Mrs. Sangeetha V	Automatic Water Controller	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 255-257, 2021, ISSN: 2393-8021
51	Mrs. Sangeetha V	Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 367-370,2021, ISSN: 2393-8021
52	Mrs. Sangeetha V	Li – Fi based Text Transmission	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1662-1665, 2021, ISSN: 2582-7421,
53	Mrs. Sangeetha V	Peltier Enabled Dual Purpose Thermo Electric Solar Refrigerator –A Survey	Journal of Applied Science and Computation, Vol 8, No 6, pp 1-5,2021, ISSN:0022-1945
54	Mrs. Sangeetha V	Implementation and Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp.412 - 417,2021, ISSN: 2393-8021
55	Mrs. Sangeetha V	Automatic Gas Leakage Detection and Booking System	International Research Journal of Engineering and Technology, Vol 8, No.7, pp. 409-411,2020, ISSN:23950056
56	Mr. Praveen A	Unified Meter for Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology, Vol. 07, No.05 Aug 2020, pp. 811-816, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor: 7.52.
57	Mr. Praveen A	Miniature Water Purifier based on IoT	International Research Journal of Engineering and Technology, Vol.07, No.08, pp.2201-2205,2020, e-ISSN:2395-0056, Impact Factor: 7.529
58	Mr. Praveen A	Literature review on Automatic Gate Control System using Number Plate Recognition with OCR	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp.280-285,2021, ISSN: 2393-8021
59	Mr. Praveen A	Automatic Gate Control System Using Number	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.6, pp.858-865, 2021, ISSN: 2393-8021

		Plate Recognition with OCR	
60	Mr. Praveen A	Literature review on Clock optimization for High-speed synchronous Circuits	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.6, pp.737-740, 2021, ISSN: 2393-8021
61	Mr. Praveen A	Single Axis Sun Tracking Solar Panel	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1623-1625, 2021, ISSN: 2582 - 7421
62	Mr. Praveen A	Design and Construction of a simple and Cost-Effective Frequency Modulated Transmitter of the Range 100 Meters	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1654 - 1657, 2021, ISSN: 2582 - 7421
63	Mr. Praveen A	Arduino based Autonomous Fire Fighting Robot	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1547 - 1550, 2021, ISSN: 2582 - 7421
64	Mr. Christo Jain	Smart Manhole Toxic Gas Identification and Altering System Review	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN: 2393-8021
65	Mr. Christo Jain	Smart Electricity Meter	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1559-1562, 2021, ISSN: 2582-7421
66	Mr. Christo Jain	Smart Sensing Bin	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1839-1842, 2021, ISSN: 2582-7421
67	Mr. Christo Jain	IR Wireless Communication System through Water	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp.127-131, 2021, ISSN: 2393-8021
68	Mr. Saleem S Tevaramani	Smart Roads System	International Journal of Recent Advances in Multidisciplinary Topics, Vol.2, No. 7, pp.128-130, 2021, ISSN: 2582-7839,
69	Mr. Saleem S Tevaramani	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.6, pp. 891-895, 2021, ISSN 2393-8021.
70	Mr. Saleem S Tevaramani	Implementation of an Emergency Ventilator Based on Oxygen Regulation	International Research Journal of Modernization in Engineering Technology and Science, Vol 3, No.7, pp.1172-1179,2021, ISSN 2582-5208
71	Mr. Saleem S Tevaramani	A Review on the Use of Emergency Ventilators for COVID-19	International Journal of Scientific Research in Engineering and Management, Vol. 5, No. 5, pp. 1-5,2021, ISSN 2582-3930
72	Mr. Saleem S Tevaramani	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.5, pp.397-400, 2021, ISSN 2393-8021.
73	Mrs. Pragati P	Gyro-assisted multi terrain rover	International Research Journal of Engineering and Technology, Vol.07, No. 08, pp. 2061-2065, 2020, e-ISSN: 2395-0056, Impact Factor: 7.529
74	Mrs. Pragati P	Solar Based Smart Grass Cutter	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No.7, pp. 219-221,2021, ISSN: 2393-8021
75	Mrs. Pragati P	Density Based Traffic Signal System Using Microcontroller	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No.7, pp. 253-254,2021, ISSN: 2393-8021
76	Mrs Sahana Salagare	Self-powering system for under water sensor node	International Journal of Engineering Applied Sciences and Technology, Vol. 5, No. 4, pp. 442-444,2020, ISSN 2455-2143
77	Mrs. Aruna Rao B P	LED distance indicator literature survey	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No.7, pp. 129-131,2021, ISSN: 2393-8021
78	Mrs. Aruna Rao B P	Literature Review on Recognition of Stress Using Face Image and Facial Landmarks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp. 792-797,2021, ISSN: 2393-8021
79	Mrs. Aruna Rao B P	Recognition of Stress using Face Image and Facial Landmarks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp. 602-612,2021, ISSN: 2393-8021
80	Mrs. Aruna Rao B P	Survey on Sign Language to Text and Speech Conversion using Machine Learning Model	International Journal of Research Publication and Reviews Vol 2, No. 7, pp.1831-1833 ,2021, ISSN: 2582-7421
81	Mrs. Aruna Rao B P	AI based Armed Surveillance Robot	International Journal of Computer Applications Technology and Research, Vol10, No. 7, pp. 183-185,2021, ISSN: 2319-8656

82	Mrs. Aruna Rao B P	Alcohol Detection using Arduino with Motor Locking	International Journal of Research Publication and Reviews, Vol 2, No. 7, pp. 1521-1525 ,2021, ISSN: 2582-7421
83	Mrs. Bhargavi Ananth	Multi account embedded ATM card with Fingerprint recognition	International Research of Journal of Engineering and Technology, Vol. 7, No.08, pp. 1687-1691,2020, e- ISSN: 2395-0056, Impact Factor:7.529
84	Mrs Priyadarshini Patil A	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology Vol.07, No. 08, pp. 1463-1467, e-ISSN:2395-0056, Impact Factor: 7.529
85	Mrs. Pooja S	Home Automation with Arduino Uno	International Journal of Advance Research, Ideas and Innovations in Technology, Vol 7, No.4, pp. 937-939, 2021, ISSN: 2454-132X, Impact Factor:6.078
86	Mrs. Pooja S	Temperature and Movement Sensed Automatic Door Opening System	International Journal of Research Publication and Reviews, Vol 2, No.7, pp. 1784-1786, 2021, ISSN: 2582-7421
87	Mrs. Pooja S	Voice Controlled Elevator	International Journal of Research Publication and Reviews, Vol 2, No.7, pp. 1787-1789, 2021, ISSN: 2582-7421
88	Mrs. Pooja S	Reverse Parking Sensor	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 7, pp. 94 - 96, 2021, ISSN: 2393-8021
89	Mrs. Smitha Mallya	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 5, pp. 364-366, 2021, ISSN: 2393-8021
90	Mrs. Smitha Mallya	IoT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 5, pp. 347-350, 2021, ISSN: 2393-8021
91	Mrs. Smitha Mallya	Voice Controlled Robot Vehicle	International Journal of Research publication and Reviews Vol 2, No. 7, pp. 1600-1603, 2021, ISSN: 2582-7421
92	Mrs. Yeshwini A	Literature Review on Cloud based IoMT Framework for Automated Health Assessment and Management	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp. 253-255, 2021, ISSN: 2393-8021
93	Mrs.Yeshwini A	Design and Construction of Smart Sanitizer Dispenser	International Journal of Research Publication and Reviews, Vol2, No. 7, pp. 1279-1281,2021, ISSN: 2582-7421
94	Mrs.Yeshwini A	Smart Garbage Monitoring System	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 7, pp. 185-189, 2021, ISSN: 2393-8021
95	Dr.PN.Sudha	Hybrid Temperature Sensing and Monitoring System with Built in Sanitizer	International Journal for Research in Engineering Application & Management (IJREAM), Vol-07, No.4, pp. 153-157,2021, ISSN: 2454-9150

INTERNATIONAL 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, 15 th - 16 th 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, 15 th - 16 th 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
4	Mr. Sampath Kumar S	A Technology Review and A Holistic Study of Adaption of Advanced Machine Learning Technology in Paddy Crop	International conference on Recent Trends in Electrical, Electronics, Telecommunication, Instrumentation, Medical Electronics and Physics (ICRTEETIMP-2020)

		Cultivation and Management	
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K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2019-20

Details of research publications https://drive.google.com/drive/folders/1SOtNmjWzIv_Vgdo4mcZ6USPQqTlXE8TE?usp=sharing			
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	Intelligent decision support systems: applications in signal processing (frontiers in computational intelligence)	De Gruyter, ISBN: 9783110618686, 2019 https://www.degruyter.com/view/product/509935?format=G
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
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 https://www.scimagojr.com/journalsearch.php?q=0951-192X 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.sciencedirect.com/science/article/pii/S2215098619302101#:~:text=The%20MANET%20system%20model%20is,if%20the%20nodes%20move%20randomly.UGC Approved
3	Dr. P N Sudha	Unmanned Underwater Vehicle for Monitoring Aquatic Ecosystem	International Journal of Engineering Applied Sciences and Technology, Vol.4, No 11, pp 493-497, 2020 ISSN: 2455-2143, Impact Factor: 4.982
4	Dr. P N Sudha	Literature Survey on A Bore Well Rescue Bot	International Journal of Latest Engineering and Management Research, Vol 05, No 05. pp5-8, 2020, ISSN: 2455-4847, Impact Factor: 2.545
5	Dr. P N Sudha	Rakshak – A Bore Well Rescue Bot	International Journal for research in Engineering Applications & Management, June 2020, Vol-06, No 03, ISSN: 2454-9150, Doi: 10.35291/2454-9150.2020.0440, Impact Factor: 5.686
6	Dr. P N Sudha	A literature survey on unmanned water vehicle	International Journal of Engineering and Applied Sciences and Technology Vol-5, No2, pp 599-601, 2020, ISSN: 2455-2143, Impact Factor: 4.982

		for monitoring aquatic eco system	
7	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=19700201308&tip=sid&clean=0
8	Dr. SangappaS.B	Medicines Any Time	International Research Journal of Engineering and Technology, Vol.07, No. 07, pp-2510-2513,2020, e-ISSN:2395-0056, Impact Factor: 7.529
9	Dr. SangappaS.B	Medicines Any Time	Journal of Applied Science and Computations, Vol.07, No.05 pp50-53, 2020, ISSN:1076-5131, Impact Factor: 5.8
10	Dr. B. Sudharshan	A Survey on Automation of Manually operated Devices	International Research Journal of Engineering and Technology, Vol.07, No.02, pp1298 - 1300, 2020, e-ISSN: 2395-0056 Impact Factor:7.529.
11	Dr. B. Sudharshan	Smart Electricity Monitoring for Home Appliances	International Research Journal of Engineering and Technology, Vol.07, No.06, pp1244-1249,2020, e-ISSN:2395-0056, Impact Factor: 7.529
12	Mr. Santhosh Kumar	On-Board Aircraft Ultrasonic Bird Repeller	International Journal of Engineering Applied Sciences and Technology, Vol.05, No. 3, pp- 208-224,2020, ISSN:2455-2143, Impact Factor: 4.982
13	MrsVishalini Diwakar	Survey Paper on Power Generaion Using Piezo Electric Material	International Research Journal of Engineering and Technology, Vol.07, No.05, pp 5137-5141,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
14	MrsVishalini Diwakar	Operation Theatre Automation and control (OTAC)	International Research Journal of Engineering and Technology, Vol.07, No.06, pp: 1244 - 1248,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
15	Mrs. Jayasudha B S K	Implementation of off-Hospital Rural and Urban Public Access Defibrillator	Perspectives in Communication Embedded- systems and Signal-Processing, Vol.4, No.6, pp: 229-233,2020, ISSN:2566-932X.
16	Mrs. Jayasudha B S K	Implementation of an off-Hospital Rural and Urban Public Access Defibrillator	International Research Journal of Engineering and Technology, Vol.07, No. 02, pp.1 -6, 2020, ISSN: 2395-0072, Impact Factor: 7.34
17	Mrs. Jayasudha B S K, Dr P.N Sudha	A Survey on Detection of Ventricular Fibrillation using Wavelet Analysis	International Research Journal of Engineering and Technology, Vol.07, No.06, pp.1 -3, 2020, ISSN: 2395-0072, Impact Factor: 7.59
18	Mr. Sampath Kumar S	Swarm Robotics for Agriculture	International Research Journal of Engineering and Technology, Vol. 07, No 2, pp. 330-332,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
19	Mr. Sunil Kumar G. R	Citrus Fruit Classification	International Journal of Research in Engineering, Science and Management, Vol. 03, No.7, pp. 330-332, 2020, ISSN(Online): 2581-5782, Impact Factor: 4.308
20	Mrs. Sangeetha V	Segregation of waste – A survey	International Research Journal of Engineering and Technology, Vol. 07, No. 2, pp. 384-386, 2020, e-ISSN:2395-0056, Impact Factor: 7.529
21	Mrs. Sangeetha V	A Survey on various methodologies used to detect gas leakage and Automatic booking system	International Research Journal of Engineering and Technology, Vol. 07, No. 2, pp. 1478-1479, 2020, e-ISSN: 2395-0056, Impact Factor: 7.529
22	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 https://www.scopus.com/sources.uri
23	Mrs. Sangeetha V	Automatic Segregation of Waste Using Robotic Arm	International Journal of Engineering and Technology, Vol.07, No. 07, pp 1-7, e-ISSN:2395-0056 p-ISSN:2395-0072
24	Mr. Praveen A	A Literature Survey on Miniature water purifier Based on IOT	International Journal of Engineering Applied Sciences and Technology, Vol.05, No.3, pp 228-330, e-ISSN:2455-2143, Impact Factor: 4.982
25	Mr. Praveen A	Unified Meter for Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology, Vol. 07, No..05, pp. 3755-3757,2020, e-ISSN: 2395-0056, Impact Factor: 7.529

26	Mr. Christo Jain S	Design of Portable classroom Attendance system and parking lot system including the database updating process based on Arduino and Fingerprint Biometry	Journal of Applied Sciences and Computations, Vol. 07, No.3, pp. 12-16,2020, ISSN: 1076-5131, Impact Factor: 5.8
27	Mr. Saleem S Tevaramani	Automatic Ration Distribution	Journal of Applied Science and Computations, Vol.07, No.5, pp: 54-58,2020, ISSN: 1076-5131, Impact Factor: 5.8
28	Mr. Saleem S Tevaramani	Implementation of Bit Interleaves used in Flexible Modulation	International Research Journal of Engineering and Technology, Vol. 07, No.01, pp. 3942-3947,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
29	Mr. Saleem S Tevaramani	Bit interleaves for flexible modulation scheme	Journal of Applied Sciences and Computations, Vol. 07, No 1, PP. 18- 20, 2020, ISSN: 1076-5131, Impact Factor: 5.8
30	Mrs. Pragati P	Gyro-assisted multi terrain rover	International Journal of Electronics Engineering, Vol.11 No .2 pp. 493- 498 2019, ISSN: 0973-7383
31	Mrs. Sahana Salagare	Applications and Research Challenges of Underwater Communication Devices A Review	International Journal of Electronics and Communication Engineering Vol.7 No. 2, pp 1-2,2020, ISSN: 2348-8549
32	Mrs. Aruna Rao B P	A comprehensive study of input output [IO]functionalities of contemporary IO	International Journal of Engineering Development and Research, Vol. 7, No. 3, pp 357-364,2019 ISSN: 2321-9939, Impact Factor: 7.37
33	Mrs. Aruna Rao B P	Village 3.0	Journal of Applied Science and Computation, Vol.6, No. 12, pp 19-26,2019, ISSN:1076-5131, Impact Factor:5.8
34	Mrs. Aruna Rao B P	Modern day washing machine	International Journal of Research in Engineering, Science and Management, Vol. 2, No. 11, pp 668-670, 2019, ISSN: 2581-5792, Impact Factor: 4.308
35	Mrs. Aruna Rao B P	Design of Functionalities of a Programmable High Speed I/O	Perspectives in Communication, Embedded-Systems, and signal – processing, International Journal, Vol.4, No. 2, pp1-5,2020, ISSN (Online): 2395-566x
36	Mrs. Aruna Rao B P	Smart Village	International Journal of Electronics and Communication Engineering, Vol 7, No.7, pp 4-13,2020, ISSN: 2348-8549
37	Mrs. Aruna Rao B P	FFT Computation for Butterfly Unit using Verilog HDL	Global Research and Development Journal for Engineering, Vol. 5, No.3, pp 17-20,2020, ISSN:2455-5703
38	Mrs. Shilpa Rao V	Electricity Generation at Speed Breakers	International Journal of Scientific Research and Engineering Trends Vol. 6, No.3, pp 1-5, 2020, ISSN(Online) : 2566-932X, Impact Factor: 2.504
39	Mrs. Bhargavi Ananth	Multi account embedded atm card with Fingerprint recognition	Journal of Applied Science and Computations, Vol.7, No.7, pp 188-190, 2020, ISSN: 1076-5131, Impact Factor:5.8
40	Mrs. K S Priyadarshini Patil A	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology, Vol 07, No.06, pp 311-314,2020, e-ISSN:2345-0056, Impact Factor: 7.529
International 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
3	Mr. Christo Jain	Proposal of Wireless Power Transfer System with array of Aerial for short distance application	International conference on Recent Trends in science and Technology ICRTST -2020, organized by ATME college of engineering, Mysuru held on 17th and 19th June 2020.
4	Mr. Christo Jain	Proposal of a cost-effective wireless power transfer system from solar using aerial technology	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
5	Mr. Sampath Kumar S	A Survey on machine learning enabled SWARM robots for Autonomous and Precision Agriculture	International Conference on Science, Engineering and Management, Jan 24th -25th , ISSN : 978-93-89107-71-5
6	Mrs. Aruna Rao B P	Design and modeling of input output functionalities of FPGA based IO block	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
7	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
8	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
9	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
10	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

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2018-19

Details of research publications https://drive.google.com/drive/folders/1A0F8R5NPwlrtsBROYJuTi384k4h9E2S?usp=sharing			
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
2	Dr. B Surekha	Digital image watermarking: theoretical and computational advances	CRC press, Taylor & Francis group, 2018 ISBN 9781138390638 https://www.routledge.com/Digital-Image-Watermarking-Theoretical-and-Computational-Advances/Borra-Thanki-Dey/p/book/9781138390638 Citations: 5
3	Dr. B Surekha	Medical big data and internet of medical things: advances, challenges, and applications	CRC press, Taylor & Francis, 2018, ISBN: 9781138492479 https://www.routledge.com/Medical-Big-Data-and-Internet-of-Medical-Things-Advances-Challenges-and/Hassanien-Dey-Borra/p/book/9781138492479
4	Dr. B Surekha	Machine learning in bio-signal analysis and diagnostic imaging	Elsevier, Netherlands, 2018, ISBN: 9780128160879 https://www.elsevier.com/books/machine-learning-in-bio-signal-analysis-and-diagnostic-imaging/dey/978-0-12-816086-2 https://www.scimagojr.com/journalsearch.php?q=21100202159&tip=sid&clean=0
5	Dr. P Joy Prabhakaran	Novel techniques for multi-resolution imaging	Lambert academic publishing, 2019, ISBN-13: 978-613-9-46002-1 https://www.lap-publishing.com/catalog/details/store/gb/book/978-613-9-46002-1/novel-techniques-for-multi-resolution-imaging
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	Security of biometric and biomedical images using sparse domain-based watermarking technique	Handbook of multimedia information security: techniques and applications, pp 209-232, 2019, ISBN: 978-3-030-15887-3 https://link.springer.com/chapter/10.1007/978-3-030-15887-3_9
2	Dr. B Surekha	Application of machine learning algorithms for classification and security of diagnostic images	Machine learning in bio-signal analysis and diagnostic imaging, chapter 11, academic press, Elsevier Ltd., 2018, pp.273-292, and 2018, ISBN 978-0-12-816086-2 https://www.sciencedirect.com/science/article/pii/B978012816086200114
3	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

4	Dr. B Surekha	Watermarking techniques for copyright protection of texts in document	Cryptographic and information security approaches for images and videos, chapter 12, CRC press, Taylor and Francis group, pp. 323-352, 2018, ISBN: 978-1-1385-6384-1 https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-12
5	Dr. B Surekha	Compressive sensing in color image security	Cryptographic and information security approaches for images and videos, chapter 8, CRC press, Taylor and Francis group, pp. 211-244, 2018, ISBN: 978-1-1385-6384-1 https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-8
6	Dr. B Surekha	Social networking in web-based movie recommendation system	Social networks science: design implementation security and challenges, chapter 2, Springer international publishing pp. 24-45, 2018, e-ISBN: 978-3-319-90059-9. https://www.springerprofessional.de/en/social-networking-in-web-based-movie-recommendation-system/15854650

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 (UGC approved journal - 2017 journal no. - 64529), https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0
2	Dr. P N Sudha	Physical layer secret symmetric key generation and management techniques for wireless systems-a study	Journal of Applied Science and Computations, Vol.6, No.2, pp.136-141, Feb 2018 ISSN: 1076-5131 http://j-asc.com/ (UGC approved journal- 41238 till-june-2019) Impact factor: 5.8
3	Dr. P N Sudha	IOT based camouflage robot	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 3, pp 2614-2619, 2019, ISSN:2349-5162 http://www.jetir.org/ Impact factor: 5.87
4	Dr. P N Sudha	Watchdog for ATM	Journal of Applied Science and Computations, Vol. 6, No .4, pp 2965-2967, 2019, ISSN: 1076-5131 http://j-asc.com/ (UGC approved journal- 41238 till-june-2019), Impact factor :5.8
5	Dr. P N Sudha	IOT based camouflage army robot	Journal of Applied Science and Computations, Vol. 6, No. 5, pp 2614-2619, 2019, ISSN:1076-5131. http://j-asc.com/ (UGC approved journal- 41238 till-june-2019). Impact factor :5.8
6	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 https://mjl.clarivate.com/journal-profile 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

7	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://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 , UGC Approved
8	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.scimagojr.com/journalsearch.php?q=21100773821&tip=sid&clean=0 https://mjl.clarivate.com/journal-profile https://www.tandfonline.com/doi/abs/10.1080/21681163.2019.1595730?journalCode=tciv20 https://www.scopus.com/sourceid/21100773821 UGC Approved
9	Dr. B Surekha	Ambulatory peritoneal dialysis (CAPD) assistive device	Journal of emerging technologies and innovative research, Vol. 6, No .5, pp. 164-167, 2019, ISSN: 2349-5162. <u>Impact factor :5.87</u>
10	Dr. Sangappa S B	Automated shopping trolley for billing system	International Journal of Advance Research, Ideas and Innovations in Technology, Vol. 5 No. 2, pp 1858-1861,2019, ISSN: 2451-132x Impact factor: 4.295
11	Dr. B Sudarshan	Hand gesture recognition and voice con version systems for physically impaired people	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 4, pp 890-894,2019, ISSN:2349-5162. <u>Impact factor: 5.87</u>
12	Dr. B Sudarshan	Survey on object recognition techniques using machine learning	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 247-250, 2019, ISSN: -2349-5162. <u>Impact factor : 5.87</u>
13	Dr. B Sudarshan	Visual object recognition using tensor flow	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 5, pp 369-372, 2019, ISSN: -2349-5162. <u>Impact factor: 5.87</u>
14	Mr. Santhosh Kumar B R	Dustless environment	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .4, pp 66-69, 2019, ISSN: -2349-5162. <u>Impact factor: 5.87</u>
15	Mr. Santhosh Kumar B R	Automatic and manual floor cleaning robot	Journal of Emerging Technologies and Innovative Research, Vol.6, No .5, pp 141-143, 2019, ISSN: -2349-5162. <u>Impact factor: 5.87</u>
16	Mrs. Vishalini Divakar	RFID based prepaid energy meter	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 5, pp 557-560, 2019, ISSN:2349-5162. <u>Impact factor: 5.87</u>
17	Mrs. Vishalini Divakar	A survey on security device for women and kids' safety	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 5, pp 88-93, 2019, ISSN:2349-5162. <u>Impact factor: 5.87</u>
18	Mrs. Jayasudha B S K	Ceres – an autonomous and versatile agriculture robot	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No. 4, pp 727-732, 2019, ISSN: 2321-9653, Impact factor: 6.887
19	Mrs. Jayasudha B S K	Forest monitoring	Journal of Emerging Technologies and Innovative Research, Vol. 9, 2019, ISSN: 2349-5162. <u>Impact factor: 5.87</u>
20	Mrs. Jayasudha B S K	Ecology monitoring	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 44-48, 2019, ISSN: -2349-5162. <u>Impact factor: 5.87</u>
21	Mrs. Jayasudha B S K	Women safety devices and applications	International Journal of Engineering Research & Technology, Vol. 7 No .7, pp 175-178, 2018, ISSN:2278-0181 Impact factor: 7.177

22	Mr. Sampath Kumar S	Recent trends in automotive industry	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No 4, pp 1027-1031, 2019. ISSN: 2321-9653. Impact factor: 6.887
23	Mr. Sunil Kumar G R	Food monitoring and control system using internet of things	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No .4, 2019, ISSN: 2321-9653. Impact factor: 7.177
24	Mr. Sunil Kumar G R	Hybrid power generation	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .5, pp 644- 646, 2019, ISSN: -2349-5162. Impact factor: 5.87
25	Mrs. Sangeetha V	A survey on various methodologies used for con serration of forest trees	Journal of Emerging Technologies and Innovative research, Vol. 4, No. 6, pp 93-95, 2019, ISSN:2349-5162, http://www.jetir.org/ Impact factor: 5.87
26	Mrs. Sangeetha V	Different technologies used for sericulture field: A survey	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .5, pp 72-74, 2019, ISSN: 2349-5162. Impact factor: 5.87
27	Mrs. Sangeetha V	Anti-theft alarm system for forest trees using WSN	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .5, pp 88-91, 2019, ISSN: 2349-5162. Impact factor: 5.87
28	Mr. Praveen A	Smart guide at museum	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 4, pp 416-418, 2019, ISSN:2349-5162. Impact factor: 5.87
29	Mr. Christo jain	A survey on electronic valve with quantitative control and to avoid reverse flow of blood	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 4, pp 131-134, 2019, ISSN: 2349-5162. Impact factor: 5.87
30	Mr. Saleem S Tevaramani	Ethical Driving System	Journal of Emerging Technologies and Innovative Research, Vol .6, No. 6, pp 76-83, 2019, ISSN:2349-5162. Impact factor: 5.87
31	Mr. Saleem S Tevaramani	Advanced driver scrutiny system	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No. 4, pp 147-152, 2019. ISSN: 2321-9653, Impact factor: 6.887
32	Mrs. R Nithya Kumari	Smart voting system	International Research Journal of Engineering and Technology, Vol. 06, No.05, pp 5637-5644, 2019, EISSN: 2395-0056. Impact factor: 7.211
33	Mrs. Pragati P	Smart greenhouse monitoring system	Journal of Emerging Technologies and Innovative Research, Vol.4, No. 6, pp 112-115, 2019, ISSN: -2349-5162, http://www.jetir.org/ Impact factor: 5.87
34	Mrs. Pragati P	Plant Identification Methodologies using Machine Learning Algorithms	Journal of Emerging Technologies and Innovative Research, Vol. 8 No. 03, 2019, ISSN: -2349-5162, http://www.jetir.org/ Impact factor: 5.87
35	Mrs. Sahana Salagare	Survey on research challenges and application s of unmanned marine robot	International Journal of Creative Research Thoughts, Vol. 6, No 1, pp 1-4,2019, ISSN:2320-2882, Impact factor: 5.97
36	Mrs. Sahana Salagare	Solar powered unmanned marine robot using radar system	International Journal of Engineering Research &Technology, Vol. 8, No. 05, pp 100-102, 2019, ISSN:2278-018
37	Mrs. Lakshmi H R	A survey on robotic application s in surveillance and rescue – aid	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No 4, pp 211-214, 2019, ISSN: 2321-9653, Impact factor : 6.887
38	Mrs. Lakshmi H R	Biomorphic hyper-redundant robot for disaster surveillance	Journal of Emerging Technologies and Innovative Research, Vol.6, No .5, pp 432-436, 2019 ISSN: -2349-5162., http://www.jetir.org/ Impact factor :5.87
39	Mrs. Aruna Rao B P	A survey on raspberry pi-based reader and smart assistance for visually impaired people	International Journal of Current Research, Vol. 11, No. 04, pp 2794-2798, 2019, ISSN: 0975-833x, Impact factor: 7.749

40	Mrs. Veda B	Smart ambulance with patient monitoring-A survey	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 511-513, 2019, ISSN: -2349-5162, http://www.jetir.org/ <u>Impact factor: 5.87</u>
41	Mrs. Bhargavi Ananth	Smart cargo monitoring and security system	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 197-200, 2019, ISSN:2349-5162, http://www.jetir.org/ <u>Impact factor: 5.87</u>
42	Mrs. Bhargavi Ananth	Smart electronic security system for cargo containers	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 5, pp. 433-440, 2019, ISSN:2349-5162, http://www.jetir.org/ <u>Impact factor: 5.87</u>

INTERNATIONAL 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
2	Dr. P N Sudha	Live production data monitoring system to support industry 4.0 Scenario	4th International Conference on Science and Technology for Society ICSTS-2019, EWIT, Bangalore,13th -15th May 2019
3	Mrs. Lakshmi H R	Study and simulation of digital multipliers using 180nm technology	International Conference on Applied Engineering Sciences and Management (ICAEM-18)
4	Mrs. Sahana Salagare	Survey on energy harvesting system for underwater devices	International Conference on Applied Engineering Sciences and Management

NATIONAL CONFERENCE PUBLICATIONS

Sl. No.	Name of the faculty	Title of the paper	Title of conference, place, date, ISSN:/ISBN
1	Mr. Sampath Kumar S	Artificial intelligence based solar vehicle	National Conference on Electronics and Communication engineering, NCEC- 2019

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2017-18

Details of research publications https://drive.google.com/drive/folders/1cejqOmx0By79M5CCkyagj5VsgYMPKebD?usp=sharing			
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 applications	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
2	Dr. B Surekha	Advanced compression and watermarking techniques for speech signals	Springer briefs in speech technology, Springer, 2018, ISBN 978-3-319-69069-8 https://www.springer.com/in/book/9783319690681
3	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 (E-book) https://www.springer.com/in/book/9783319659800 https://www.scopus.com/sourceid/21100380994
4	Dr. B Surekha	U-healthcare monitoring systems Design and applications	Elsevier, 1st edition, Vol. 1, ISBN: 9780128153703 https://www.elsevier.com/books/u-healthcare-monitoring-systems/dev/978-0-12-815370-3
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	A hybrid watermarking technique for copyright protection of medical signals in teleradiology	Handbook of research on information security in biomedical signal processing, chapter 17, pp.320-349, 2018 ISBN: 9781522551522
2	Dr. B Surekha	Secured optimal cost approach for bimodal deep face recognition in IOT and its applications	Handbook of research on big data management and the internet of things for improved health systems, IGI global, USA, chapter 10, 2018, pp.163-175. [Doi: 10.4018/978-1-5225-5222-2.ch 010]
3	Dr. B Surekha	Video text extraction and mining	Mining multimedia documents, CRC press/ Taylor and Francis group, chapter 13, pp.173-192, 2017, ISBN 9781138031722
4	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
5	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

6	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
7	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
8	Dr. B Surekha	A Bio Application for Accident Victims' Identification using Biometrics	Studies in LNCVB Series, Springer, Chapter 15, pp.407-447, [EBook 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

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. Shanthi Prasad M J	A technical survey of important research works in VLSI test scan architecture	International Journal of Emerging Technology and Advanced Engineering, Vol.7, no. 10, pp 552-556, 2017, ISSN: 2250-2459
2	Dr. Shanthi Prasad M J	Comprehensive study of popular VLSI test scan architecture	International Journal of Engineering Research & Technology, Vol.6, No 11, pp 377-385, 2017, ISSN: 2278-0181.
3	Dr. Shanthi Prasad M J, Mrs. Aruna Rao B P	Overview of differential ended I/O logic families	International Journal of Engineering Research and Technology, Vol.6, no. 11, pp. 1-6, 2017, ISSN: 2278-0181
4	Dr. B Surekha	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
5	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 https://link.springer.com/article/10.1007/s10916-017-0795-3 https://www.scopus.com/sourceid/23710 Citations:8
6	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 https://www.scopus.com/sourceid/25962 Citations:8
7	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 https://www.scopus.com/sourceid/21100806003 Citations:24
8	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 https://www.ripublication.com/ijaer18/ijaerv13n9_48.pdf

10	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 UGC Link: https://mjl.clarivate.com/search-results WoS2018 Journal Impact Factor1.537 https://www.sciencedirect.com/science/article/abs/pii/S2214212617305495 https://www.scopus.com/sourceid/21100332403 Citations:7
11	Dr. B Surekha	Secure transmission and integrity verification of color radiological images using fast discrete curvelet transform and compressive sensing	<u>Smart Health</u> , Vol. 12, pp 35-48, 2019, doi.org/10.1016/j.smhl.2018.02.001 https://www.scopus.com/sourceid/21100894507 https://www.sciencedirect.com/science/article/abs/pii/S2352648317301095 Citations: 9
12	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 http://www.informatica.si/index.php/informatica/article/view/1671 https://www.scopus.com/sourceid/25507 Citations 6
13	Dr. B Sudarshan	Power theft detection in agriculture and field protection	International Journal of Latest Engineering and Management Research, Vol. 03, No. 03, pp 80-90, 2018, ISSN: 2455-4847
14	Dr. B Sudarshan	High protection voiceidentification-based bank locker security system with live image authentication	International Journal for Research in Applied Science & Engineering Technology, Vol.6, No6, pp 401-406, 2018, ISSN: 2321-9653
15	Mr. Santhosh Kumar B R	Proposed method of ophthalmic perimeter for vision field testing	International Journal of Creative Research Thoughts, Vol.6, No 2, pp.1486-1491, 2018, ISSN: 2320-2882
16	Mrs. Sangeetha V	Leap motion-controlled wheelchair	International Journal of Latest Technology in Engineering, Management & Applied Science, Vol. 2, No. 4, pp 163-166, 2018, ISSN: 2278-2540.
17	Mrs. Sangeetha V	Body area network (BAN) based security card system: A survey	International Journal of Recent Engineering Research and Development, Vol.3, No. 4, pp 63-68, 2018, ISSN:2445-8761
18	Mrs. Prathima B A	Obstacle avoiding robot using arm controller-a survey	International Journal of Latest Engineering and Management Research, Vol. 03, No .4, pp. 68-75, 2018, ISSN: 2455-4847.
19	Mrs. Prathima B A	Smart tool kit for the visually impaired – A survey	International Journal of Latest Engineering and Management Research, Vol. 03, No .4, pp. 52-57, 2018, ISSN: 2455-4847
20	Mrs. Pragati P	Fuel pump dispensing system	International Journal of Latest Engineering and Management Research, Vol.3, No .3, pp-1-6, 2018, ISSN: 2455-4847
21	Mrs. Lakshmi H R	Digital water marking tools and overview	International Journal of Information and Computer Security, Inderscience, [ISSN: 17441765] [In Press] https://www.scimagojr.com/journalsearch.php?Q=19400156805&tip=sid&clean=0 https://www.scopus.com/sourceid/19400156805
22	Mrs. Aruna Rao B P	A survey on can based vehicle monitoring system	International Journal of Creative Research Thoughts, Vol.6, No 2, pp.526-534, 2018, ISSN: 2320-2882 Impact factor: 5.97
INTERNATIONAL 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. Shanthi prasad M J	Fusion based face recognition system using 1d transform domains	International Conference on Advances in Computing & Communication s, ICACC-2017 august 2017, pages 1-8 doi: 10.1016/j.procs.2017.09.095 Citations: 2
2	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
3	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, GSSSIETW, 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
4	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
5	Mrs. Jayasudha B S K, Dr. P N Sudha	PCG acquisition and analysis for detection of cardiac failures at early stages	International Conference on Bio Engineering on Health and Environment ICBHE'2018 Satyabhama institute of science and technology, Chennai, 8 th -10 th January 2018, ISBN:978-93-83409-40-2
6	Mrs. Sahana Salagare	A smart catamaran cruise	International Conference on Recent Trends in Technology 2k18 in collaboration with reputed journal IJCA & IJERT-ICRTT 2 k18, SDMIT, Ujiri, Dharamsthala, Karnataka, India

NATIONAL CONFERENCE PUBLICATIONS

Sl. No.	Name of the faculty	Title of the paper	Title of conference, place, date, ISSN:/ISBN
1	Mrs. Jayasudha B S K	A survey on monitoring stress levels of an individual by different techniques	Evolution 2017, Instrumentation society of India, RNS institute of technology, Bangalore. 24th-25th September
2	Mrs. Jayasudha B S K	A survey on WBAN (wireless body area network) and its application s	Evolution 2017, Instrumentation society of India, RNS institute of technology, Bangalore. 24th-25th September