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S. S. Education Trust's

S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY

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Publications Details

ACADEMIC YEAR 2021 – 2022 [Aug 2021- July 2022]

Sl. No	Faculty/Authors	Title	Name of the Journal/Conference/Publisher	DOI/Volume/Issue/Journal/Conference/ISSN No	Indexing	Nb of Citations	Year
1	Mr. Shankargoud Patil	An Efficient Motion Based Group Level Activity Recognition for Intelligent Video Surveillance	2021 Asian Conference on Innovation in Technology (ASIANCON)	Electronic ISBN:978-1-7281-8402-9, Print on Demand(PoD) ISBN:978-1-7281-8403-6, DOI: 10.1109/ASIANCON51346.2021.9544952	-	-	Aug-21
2	Mr. Shankargoud Patil	Bi-Attention LSTM with CNN based Multi-task Human Activity Detection in Video Surveillance	International Journal of Engineering Trends and Technology	ISSN:2349-0918, E-ISSN:2231-5381, DOI: 10.14445/22315381/IJETT-V69I11P225	Scopus, UGC-CARE	1	Nov-21
3	Prof. Anita Patil	Comparative Study Machine Learning Techniques for Intelligent 6G Wireless systems.	Journal of Communication Engg & systems.	DOI: https://doi.org/10.37591/joces.v11i3.866, ISSN: 2249-8613	-	-	Dec-21
4	Mr. Shankargoud Patil	Detection of Abnormal Activity to Alert the Nearby Persons via M-DNN Based Surveillance System	WSEAS Transactions on Systems and Control	ISSN:1991-8763, E-ISSN:2224-2856, DOI: 10.37394/23203.2021.16.61	Scopus, UGC-CARE	-	Dec-21
5	Mr. Shankargoud Patil	A Survey on Human Action Recognition and Detection Techniques	International Conference on ICT Analysis and Applications, Goa	Print ISBN - 978-981-16-5654-5, Online ISBN - 978-981-16-5655-2, DOI: https://doi.org/10.1007/978-981-16-5655-2_15	-	1	Jan-22
6	Anita Patil, Shilpa Bhairanatti, Soumya Halagatti	A Survey on Technological Trends to Enhance Spectrum Efficiency in 6G Communications	arXiv e-prints (Cornell University)	DOI: 10.48550/arXiv.2202.11493	-	4	Feb-22
7	Dr. Sridhar Iyer, Mr. Pratik Badagavi	Origami Based Reconfigurable Helical Antenna	IEEE Indian Conference on Antennas and Propagation (InCAP 2021)	Electronic ISBN:978-1-6654-0110-4, Print on Demand(PoD) ISBN:978-1-6654-0111-1, DOI: 10.1109/InCAP52216.2021.9726302	-	-	Mar-22
8	Prof. Anita Patil	A Survey of Machine Learning Algorithms for 6G Wireless Networks	arXiv e-prints (Cornell University)	DOI: 10.48550/arXiv.2203.08429	-	3	16-Mar-22
9	Prof. Kiran Nandi	AADHAR BASED ELECTRONIC VOTING MACHINE	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJIRCC.2022.1005001	-	-	May-22



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10	Ms. Megha Karabashetti	DRIVER DROWSINESS DETECTION SYSTEM OPENCV AND RASPBERRY PI	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJRCCE.2022.1005001	-	-	May-22
11	Mr. Jagadish Jakati	Automatic Pet Monitoring and Feeding System Using IoT	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJRCCE.2022.1006133	-	-	Jun-22
12	Mrs. Shilpa Bhairanatti	DTMF Controlled Robot with ESP-32 CAM	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJRCCE.2022.1006113	-	-	Jun-22
13	Mrs. Anita Patil	Facial Recognition Smart Glasses for Visually Challenged Person	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJRCCE.2022.1006217	-	-	Jun-22
14	Ms. Megha Karabashetti	Indoor Compactor – “Say No To Food Wastage!”	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJRCCE.2022.1006141	-	-	Jun-22
15	Mrs. Veena I. Puranikmath	Raspberry Pi Based Text to Speech for Blind People	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJRCCE.2022.1006213	-	-	Jun-22
16	Mrs. Shilpa Bhairanatti	Ruthless Encounter using IoT	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	ISSN (O) 2321-2004, ISSN (P) 2321-5526, Vol. 10, Issue 6, June 2022, DOI: 10.17148/IJIREEICE.2022.10619	-	-	Jun-22
17	Dr. Jayashri M. Rudagi	Vehicle Pollution Monitoring Using IoT	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, Volume 10, Issue 6, June 2022, DOI: 10.15680/IJRCCE.2022.1006126	-	-	Jun-22
18	Mr. Anandraddi Naduvinamani	SURFACE EXPLORATION ROVER using Arduino Mega	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, Volume 10, Issue 6, DOI: 10.15680/IJRCCE.2022.1006224	-	-	Jun-22
19	Mrs. Veena I. Puranikmath	IoT BASED AGRICULTURAL ROBOTIC WATER SPRINKLER	International Journal of Scientific Research and Engineering Development	ISSN [Online] : 2581 - 7175, Volume 5 - Issue 4, July - August 2022, Paper ID- IJSRED-V5I4P13	-	-	Jul-22
20	Mr. Jagadish Jakati	IOT BASED DOG DAY-CARE ROBOT	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208, ISSN:2582-5208, Volume:04/Issue:07/July-2022	-	-	Jul-22
21	Dr. Jayashri M. Rudagi	IOT BASED SOLID WASTE MANAGEMENT	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208, ISSN:2582-5208, Volume:04/Issue:07/July-2022	-	-	Jul-22



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22	Mr. Anandraddi Naduvinamani	Mobile Integrated Smart Irrigation Monitoring System Using Lora WAN	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJIRCCE.2022.1007042	-	-	Jul-22
23	Mr. Sujay Gejji	Monitoring Social Distancing Under Low Light Conditions	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, DOI: 10.15680/IJIRCCE.2022.1007068	-	-	Jul-22
24	Mr. Jagadish Jakati	Single Channel Speech Enhancement Using An Adaptive Wiener Filtering Approach	International Journal of Innovative Research in Computer and Communication Engineering	e-ISSN: 2320-9801, p-ISSN: 2320-9798, Volume 10, Issue 7, DOI: 10.15680/IJIRCCE.2022.1007050	-	-	Jul-22
25	Prof. Narayan A. B.	Solar-Based Pesticide Sprayer	International Journal of Advanced Research in Computer and Communication Engineering	ISSN (O) 2278-1021, ISSN (P) 2319-5940, Vol. 11, Issue 7, July 2022, DOI: 10.17148/IJARCCCE.2022.11711	-	-	Jul-22
26	Mr. Narayan A. B.	Efficient Multi-Object Detecting Assistive System for Visually impaired person	Journal of The Institution of Engineers (India): Series B	ISSN:2250-2106, E-ISSN:2250-2114,	Scopus, UGC- CARE	-	PrePrint Available
27	Mr. Kiran Nandi	POWER GENERATION SYSTEM USING NON-CONVENTIONAL METHOD FOR DOMESTIC & COMMERCIAL APPLICATIONS	International Journal of Scientific Research and Engineering Development	ISSN : 2581-7175, Volume 5 Issue 4, July- Aug 2022, IJSRED-V5I4P21	-	-	July- Aug 2022
28	Mrs. Veena I. Puranikmath	Wireless Automated Waste Segregator Using IoT	International Journal of Scientific Research and Engineering Development	ISSN : 2581-7175, Volume 5 Issue 4, July- Aug 2022, Paper ID: IJSRED-V5I4P27	-	-	July- Aug 2022



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Book Chapters Published

Sl. No	Name of Faculty	Title of the Book	Name of the Publisher	ISBN/ISSN number	Year
1	Dr. Sridhar Iyer, Prof. Sujay Gejji	Book Title: Handbook of Research on Lifestyle Sustainability and Management Solutions Using AI, Big Data Analytics, and Visualization Chapter Title: Survey on Applications of Wearable Technology for Healthcare	IGI Global	ISBN13: 9781799887867, ISBN10: 1799887863, DOI: 10.4018/978-1-7998-8786-7.ch002	Feb 2022
2	Dr. Sridhar Iyer, Prof. Anita Patil	Book Title: Information Security Practices for the Internet of Things, 5G, and Next-Generation Wireless Networks Chapter Title: A Survey of Machine Learning Algorithms for 6G Wireless Networks	IGI Global	ISBN13: 9781668439210, ISBN10: 1668439212, EISBN13: 9781668439234, DOI: 10.4018/978-1-6684-3921-0.ch003; Scopus ID: 85136456607	Mar 2022