



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STUDENT CONFERENCES AND PUBLICATIONS 2022-23

B.Tech Students-27

S.No	Roll No.	Name of the Student	Title of the Paper	Name Of the Conference/Journal	Status	Month & Year	Journal Type
1.	18761A0449 18761A0415 18761A0425 19765A0405	T.V. Preethika Lahari, J. Prudhvi, K. Kavya Sri, S. Dhanush	IoT framework for monitoring the condition of roads,	Journal of Engineering Science and Technology	Published	January 2023	Scopus & ESCI
2.	17761A0468 17761A04A3 17761A04A0 17761A0489	G.Catherine Christina, R. Teja, P.Niteesh Kumar, M. Anusha	A Novel approach for Wearable Antenna Design for Biomedical applications,	Transactions on Electrical and Electronic Materials	Published	August 2022	Scopus & ESCI
3.	18761A0425 18761A04G7 19765A0420 18761A04E8	Ch V L D Kavya , TT Sai Dhanush, TV Ramanaiah, K. Nidheesh	Smart Energy Meter	Indian Journal of Science and Technology	Published	July 2022	WoS

4.	19761A0483 19761A04A7 19761A04A8 19765A0408	Mahija Cherry Blossom, P. Shirisha, P. Mani Kishore, F. Mary Mounika	Internet of things based pesticide spraying robot- A revolutionary in smart Farming	Indian Journal of Science and Technology	Published	July 2022	WoS
5.	19761A0499 19761A04B4 19761A0473	Divyanjali Modepali, Maibu Basha Shaik, Madhuri Busi	Efficient Feature Extraction for Recognition of Human Emotions through facial expressions using image processing algorithms	4 th International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED2023)	Published	June 2023	Wos
6.	19761A04I7 19761A04I4 19761A04E9	Vinod S, Koundinya S, Nagendra Babu G,	Improving the Accuracy in Lung Cancer Detection using NN Classifier	4 th International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED2023)	Published	June 2023	Wos
7.	19761A0432 20765A0412 19761A04A4	Venkata Krishna Pratap Reddy Singam, Banbhushan Namburu, Venkatesh Paladugu	Design of a smart embedded vision system based on FPGA for medical applications	2023 4 th International Conference on Signal processing and communication, Karunya University, Coimbatore	Published	May 2023	Scopus Conf. Proc.
8.	19761A0465 19761A0478 19761A04C9	A. Madhuri, G. Madhu Sri, Y. Sri Venkata Siva Naga Prasad	A Survey on IOT based air pollution monitoring system,	2023 4 th International Conference on Signal processing and communication,	Published	May 2023	Scopus Conf. Proc.

				Karunya University, Coimbatore			
9.	19761A04C2 19761A04C4 19761A0492	V. Sathvika, V. Venkatesh, K. Narendra Reddy	A miniaturized metasurface based dielectric resonator antenna for wireless communications,	2023 4 th International Conference on Signal processing and communication, Karunya University, Coimbatore	Published	May 2023	Scopus Conf. Proc.
10.	19761A04B9 19761A04B0 20765A0408 19761A0470	Tejaswi T, Naveen P, Giresh J, Vamsi B	Optimising the Detection of Fake news in multilingual exposition using machine learning, B. Ramesh Reddy	7 th International conference on Intelligent Computing and Control Systems (ICICCS-2023), at Vaigavi College of Engineering, Madurai, India	Published	May 2023	Scopus Conf. Proc.
11.	18761A04D3 18761A04H6 18761A04G8	Harish G, Sai Bhaskara Pavan, Saran Babu,	A system which procures attendance by using face recognition and Raspberry Pi,	International Conference on Smart and Sustainable Technologies in Energy and Power Sector,	Published	May 2023	Scopus Conf. Proc.
12.		Konatham Mounika, Popuri Sindhura, Venkata Swapna, Devarapalli Anithain	IoT based Efficient Detection of Covid-19 using Deep Learning Algorithms	First International Conference on Smart and Sustainable technologies in Energy and	Published	May 2023	Scopus Conf. Proc.

				Power Sectors-22 (SSTEPS-2022), Central University of Haryana			
13.	18761A04B2 18761A04B1 18761A0495 18761A04B4	Sowjanya, V. V.RangaSai, O.Sudheer Kumar V.Barghava	Development of Embedded Assistive Smart Helmet for Bike riding using Intelligent process	IEEE 1st International Conference on Smart and Sustainable Technologies in Energy and Power Systems SSTEPS – 2022	Published	May 2023	Scopus Conf. Proc.
14.	18761A0499 18761A0481 18761A04A8	P. Bindu Madhavi, K. Vamsi, Syed Asif Ahamed	Implementation and Analysis of Image Steganography using Convolution Neural Network	International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2022), Sri Venkateshwara College of Engineering, Bengaluru, India	Published	March 2023	Scopus Conf. Proc.
15.	20765A0416 19761A04I8 19761A04F3	G. Phawahan Sai, T. Pavani J. Lalith Mohan	A machine learning based framework for classification of neuromuscular disorders	2022 IEEE 1st International Conference on Data, Decision and Systems (ICDDS), Bangalore, India	Published	February 2023	Scopus Conf. Proc.
16.	18761A04E5 18761A04D2 18761A04B9 18761A04E3	K. Akhila D. PavanVamsi, G. Amulya K. Satya Rama Reddy	Object Mechanism Detection using Deep CNN Model	5 thInternational Conference on Smart Systems and Inventive Technology(ICSS IT 2023)	Published	Januaru 2023	Scopus Conf. Proc.

17.	18761A0488 18761A0483 18761A04A9	M.Surya Pravalika K. Spandana, Syed Jalal	An IoT based Embedded System for Monitoring and Control of Greenhouse parameters,	2022 3 rd International Conference on Smart Electronics and Communication (ICOSEC),	Published	November 2022	Scopus Conf. Proc.
18.	18761A0482 19765A0411 18761A0474 18761A0463	KVN Divya Sri, M Sandhya Devi, G Prasad, B. Rakesh	Development of Vehicle Safety Control for the anticipation of Accidents using Intelligence process	3 rd International Conference on Electronics and Sustainable Communication Systems(ICESC 2022),	Published	September 2022	Scopus Conf. Proc.
19.	18761A04A6 18761A04A5 18761A04B4 18761A04B0	Shaik MastanVali, V. Anil Kumar, S.Satyanarayana Reddy, V Ashok	A Secured GUI based flexible automated system for face recognition and suspicious behaviour prediction	7 th International Conference on Communication and Electronic Systems(ICCES-2022)	Published	July 2022	Scopus Conf. Proc.
20.	18761A0465 18761A04B7 18761A0494 18761A0494	N. Yaswanth kumar Reddy, B.V.S.S.Greeshma, Y.S.S. Vardhan Reddy	EEG based Smart Wheelchair for disabled persons using Non-Invasive BCI	IEEE International Conference on Computational Intelligence and Sustainable Engineering Solutions (CISES)	Published	Aug-22	Scopus Conf. Proc.

21.	18761A0455 18761A0437 18761A0413 18761A0428	SLS Iswarya Vinjamuri, Siva Keerthi Ravuru, Padmaja Nirmala, Phala Chandra	Modelling Investigations on Efficiency of Miniaturized Piezoelectric Energy Harvester, Satyanarayana Talam	IEEE Second International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies(IC ACET 2022)		July 2022	Scopus Conf. Proc.
22.	18761A0485 18761A0484	K. Swathi, K.V.N. Vijay	Novel Automatic Video Surveillance System for pedestrian crossing using machine learning	4th International conference on communication and information processing (ICCIP-2022), SSRN,	Published	December 2022	Open Access
23.	19761A04B6 20765A0412 19761A04A4 19761A0486	S.V.K. Pratap Reddy, N. Banbhushan, P. Venkatesh, K. Tirumala Krishna,	Design and Implementation of FPGA based Smart Embedded Vision System for Biomedical Applications	International Journal of Innovative Engineering and Management Research	Published	February 2023	Open Access
24.	19761A0436 19761A0416 19761A0458	Lakshmi Neeraja Nalluri, Swaroop Dharavathu, Pavani Uppala,	Performance Analysis of on Chip Interconnects for ASIC Design)	International Journal of Scientific Research in Engineering and Management (IJSREM	Published	March 2023	Open Access
25.	19761A0459 19761A0452 19761A0457	V.Jayanth, S. Gayathri, T. pavanKalyan	Breast Cancer Segmentation with preprocessing and DNN, T.AnilRaju	International Journal of Engineering Research & Technology	Published	March 2023	Open Access

26.	20765A0407 19761A0477 19761A0494	G. Somya, D. Akhil Raj, K.B. Vasanth	Cycle-CBAM and CBAM-UNET for Retinal image restoration and vessel	International Journal of Computer Science and Mechatronics	Published	May 2023	Open Access
27.	19761A0422 19761A0421 19761A0458	G. Vasavi Rama, G. Shashank, T. Narendra	VGG-19 Network based silent blindness prediction with an inbuilt softmax function	International Journal of Computer Science and Mechatronics	Published	May 2023	Open Access

Books Chapters-13

S. No.	Student Roll Nos.	Student Names	Title of the Book	Publisher	Published Date	ISBN
1.	17761A0437 17761A0433 17761A0439	N. Vinod Kumar, K.M. Suresh, N. Saik umar,	IoT-Based Smart Home Security Alert System for Continuous supervision	Wiley Online Library	23-06-2023	9781119910497
2.	17761A04H2 17761A04G4 18765A0436 18765A0439	U. Preethi, P. Naga Sai Navya, R. Abhilash, T. Pavan	Investigation of Diabetic Retinopathy Level Based on Convolution Neural Network using Fundus images (pp. 113-125)	Wiley Online Library	23-06-2023	9781119910497
3.	17761A04E5 17761A04G5 17761A04F4	K. Bhargav Manikanta, R. Mohan Chandra, M. Greeshma Vyas	Anti-Theft Technology of Museum Cultural Relics using RFID technology (127-138)	Wiley Online Library	23-06-2023	9781119910497

4.	17761A0481, 17761A0466, 18765A0420 17761A0483	Kurapati Poorna Durga, Boddu Ganesh, Manda Devakaruna, Lakkimsetti Nandini,	Design of Smart Wheelchair with health Monitoring System (161- 170)	Wiley Online Library	23-06-2023	9781119910497
5.	17761A0450 17761A0409 17761A0406 17761A0455	Mounika Ramala, Poorna Sasank Galaparti, Manikanta Chary Darla, Siva Sai Prasad Loya	Design and Analysis of Anti-Poaching Alert System for Red Sandalwood Safety (171- 183)	Wiley Online Library	23-06-2023	9781119910497
6.	17761A04E7 17761A04G9 17761A04D8 17761A04E6	K. Srihari Reddy, Sk. Arifulla Rabbani, G. Suresh, K. Saikumar Reddy,	Tumor Detection using Morphological Segmentation with DSP processor TMS320C6748 (185- 194)	Wiley Online Library	23-06-2023	9781119910497
7.	19765A0406 18761A0427 19765A0402	V. Hymavathi, L. Pavan Kumar, Ch. Ugandhar VenkataSai Krishna	Smart Watch for panic alert, , Part of Smart Innovation, Systems and Technologies, Intelligent Manufacturing and Energy Sustainability, ICIMES 2022, 571-580	Springer	21-06-2023	978-981-19-8497-6
8.	18761A04E9, 18761A04C8	P. Rakesh Kumar, B. Siva Hari Prasad, K. Srilatha, Ch. Yogendra	A Compact wideband rectangular patch antenna for wireless applications, Part of Smart Innovation, Systems and Technologies, Intelligent Manufacturing and Energy Sustainability, ICIMES 202	Springer	21-06-2023	978-981-19-8497-6

9.	18761A0431 18761A0423 18761A0412	M. Vasanthi, K. Hemanth Reddy, G. Jaswanth	Heart disease prediction using Machine Learning, Part of Smart Innovation, Systems and Technologies, Intelligent Manufacturing and Energy Sustainability, ICIMES 2022	Springer	21-06-2023	978-981-19-8497-6
10.	18761A0492 18761A0491 18761A0493	M.Gopi, Syam Kumar, Nikitha	Part of Smart Innovation, Systems and Technologies book series, in Intelligent Manufacturing and Energy Sustainability “Fire and Gas Detection System for Home and Industry Safety using ARM7 through ESP8266 Wi-Fi Module”	Springer	01-06-2023	978-981-19-8497-6
11.	18761A04C4 18761A04D9 18761A04G0 18761A04F4	B.Snehitha, J.Visweswara Rao, P.Mamatha, M. Gowtham Chowdary	Lecture Notes in Electrical Engineering Series, Advances in Signal Processing, Embedded Systems and IoT, Raspberry Pi Alive Human Detection Robot using PIR Sensor	Springer	24-05-2023	978-981-19-8865-3
12.	18761A0460 18761A04A0 18761A04A1 18761A0487	A.Reshma, P.V.N. Tejeswar, R.Vinay Kumar, M.Srivastav	Book Series: Advances in Transdisciplinary Engineering / Alive Human Detection and Health Monitoring using IoT based Robot	IOS Press	13-01-2023	978-1-64368-360-7

13.	18761A04B3 19765A0407 18761A0461	, V.Divya, A. Raghu Vardhan, B.Pavan Kumar	Book Series: Advances in Transdisciplinary Engineering, Intelligent Vehicle Safety and Security Monitoring System using ECU & VSU Technology	IOS Press	13-01-2023	978-1-64368-360-7
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