

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
STUDENT PUBLICATION DETAILS

ACADEMIC YEAR (2022-23)

S. NO	NAME OF THE STUDENTS	TITLE OF THE PAPER	JOURNAL / CONFERENCE NAME	YEAR AND MONTH OF PUBLICATION
1	Kumaran.N AbijaMercyJA KaviyaM LijithaAswiA	Gas Leakage Detection for Industries Using IOT	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics (ICONSTEM 2023)	6 April 2023
2	JulianThomas Saravanan SanjayAnandL GospelMathew	Iot Based Child Safety Monitoring Device	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
3	ArockiaKishore BalajeeB AshikJ, Gokul Raj L	Smart Waste Management System for Metropolitan Cities	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
4	SyedKabeer VigneshpahtyV GopiKrishnan Gokul	Smart farmer- IOT Enabled Smart Farming Application	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
5	Shanmuganathan.S Srimurugan.M SivavarthananaJA BiyorsonAbishiekJ	Skill/ Job Recommender Application	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
6	Sudharshan.BSudharshan.S SushilKumar.RVinoth.N	Smart Farming Using Iot	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
7	RamyaN Nandhini.L Sarika.P SharathkumarR	Plasma Donor Application	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
8	Abdul Razzaq SAkashB AmalanBoscoA Arishraaj K	Gas Leakage Monitoring & Alerting System for Industries	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
9	Praveen Prashanth PraveenKumar Rohansri	Inventory Management for Retailers	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
10	Vishnupriya MSManorangithamT MiruthulaShriP TrishaA	Visualizing And Predicting Heart Diseases with An Interactive Dashboard	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
11	DhivyaShriThendralG ArivumathiR HamlinAnshikaA KavyaK	Fertilisers Recommendation System for Disease Prediction in Plants	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
12	Madhumitha PNithyaR KrishnakanthB KishoreA	Analytics For Hospitals Health Care-Data	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
13	Mohana M.Mohanapriya. TRamya. S SwathiPriya.M	University Admit Eligibility Predictor	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023

14	Vignesh.K, Varun.H Shewag.R Sreeraghavendra.R	Voice Recognized System Using Machine- Learning Framework with FPGA Board	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
15	NithishJ NishanthC Pavithran. Saisarath.	Smart Fashion Recommender	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
16	ArunkumarS BharatBaral.V Danielraj.C DeveshD,	Personal Expense Tracker Application	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
17	DhanushRajN ImmanuelK KishoreKumarA	Inventory Management for Business Operators	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
18	Muthuraj.S AngleenaReji, Anupama.M Divya.L	IOT Based Safety Gadget for Child Safety Monitoring and Notification	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
19	GaneshAR HarishD HemanthRajSN IgneshAndrewsS	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
20	BharathS BharathKumarS DeepakS GeorgeJ	Signs With Smart Connectivity for Better Road Safety	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
21	NandhakumarS Naveenkumar. K SanjaikumarV Vishnuraaj. V	Gas Leakage Monitoring and Alerting System	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
22	Midun, Meiyarasan SamWilson, Venkatesh	Customer Care Registry	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023
23	Infant Ricardo	AI-Powered Nutrition Analyzer for Fitness Enthusiasts	8 th IEEE International Conference on Science, Technology, Engineering and Mathematics	6 April 2023

ACADEMIC YEAR (2021-22)

S. NO	NAME OF THE STUDENTS	TITLE OF THE PAPER	JOURNAL / CONFERENCE NAME	ISBN NO / ISSN NO, VOLUME. ISSUE/ PAGE NUMBER	YEAR AND MONTH OF PUBLICATION
1	Nile Shahani. R.VPoongkuzhali GPriyanka. S	Compact single layer low profile microstrip patch antenna	Journal of Emerging Technologies and Innovative Research	(ISSN-2349-5162), 9,6	2022
2	R. Vibhish S. Saravanan G. Praveenraj	IOT Based Precision Farming Using Machine Learning	International Journal of Innovative Research in Technology	2349-6002, 9,1	2022
3	Azhar Mohamed.S Gnaneshwaran.J	Visible Light Communication for Vehicle Monitoring	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653, 10,6	2022
4	Gowtham.B Jai surya. S Lokesharavind. S	AI based painting robotic arm	International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development	2347 - 7210,3,1, 595-603	2021
5	Balaji R Dhanushraj P Inbaraj P	Automatic seat belt	International Journal of Innovative Research in Technology	2349-6002,9,1	2022
6	Abishek P Paul Living X Ranjith K	Searching and Separation of Waste Using Robot	IJRASET	2321-9653, 10,6	2022
7	Anjali.V.RDharshini. RKaviya.S	Artificial Vision Using Blind for Alexa	International Journal of Innovative Research in Technology	2349-6002, 9,1	2022
8	K.S. PrakadishD. Surya	Coal Mining Safety System Using WUSN and Lora	International Journal of Innovative Research in Technology	2349-6002, 9,1	2022

ACADEMIC YEAR (2020-21)

S. NO	NAME OF THE STUDENTS	TITLE OF THE PAPER	JOURNAL / CONFERENCE NAME	ISBN NO / ISSN NO, VOLUME. ISSUE/ PAGE NUMBER	YEAR AND MONTH OF PUBLICATION
1	Sharon Stella.R Sushmitha.U, Swetha.D	AD-HOC Chief Spoofing Forestall in Wireless Sensor Networks	International Journal for Research Trends and Innovation	2456-3315,6, 4, 46-49	April-2021
2	S. Sethulekshmi, A. Shanmathyshree S. Vinodhini	Heterogeneous hand gesture recognition using 3D dynamic skeletal data	IJRASET	2321-9653,9, IV, 501-504	April 2021
3	Angel oviya D Ayisha Beevi B Jamila L M	Lung Diseases Identification Using CNN	International Journal for Research and Analytical Reviews(IJRAR)	E-ISSN 2348-1269, P- ISSN 2349-5138,8, 1, 412-419	March 2021
4	R. Meena G. Megavarthini	Third Eye: A Smart Assistant for visually	International Journal for Research in Applied	2321-9653,9, IV, 494-500	April 2021

	R. Priyadharshini	impaired using Deep Learning	Science and Engineering Technology(IJRASET)		
5	Sruthi S R Subriya S	Smart tracking and monitoring using LoRA	IJRASET	2321-9653,9, IV, 451-456	April 2021
6	Jevina D Geerthy C Jothika B	Cuckoo Search Based Energy Efficient Routing Protocol in WSN	IJRASET International Journal for Research in Applied Science and Engineering Technology.	2321-9653,9, III, 1117-1122	March 2021
7	Siva kumar N Surajkumar P Surya Kumar N. K	OCR based smart parking system	International Science and Research Journals	2347 - 7210,3, 1, 563 - 571	25 April 2021
8	J. Ajay kumar R. Herish kumar S. Jaisuriya	Voting using block chain technology	ISR JOURNALS	2347-7210,3, 1 527-530	2021 and April
9	B.Sanaa Fathima H. Thejal	Design and Analysis of a Linearly Polarized S-band Conical Horn Antenna	IJRTI	2456-3315,6, 3, 208-211	2021 March
10	Malavika.R SteppyCinderella.J	Smart Band For Women Safety Using Iot	Isr journals and publications	2347-7210,3, 1, 531-540	April, 2021
11	Kishore G, Kosalaraman P Kirthan P	Autonomous Robot based Agriculture Remote Farming	International Journal for Research in Applied Science & Engineering Technology	2321-9653,9, IV,8	APRIL 2021
12	A. Ramprakash T.Sathish R.Uthandaraman	Network Level Request Blocker	IRJMETS	e-ISSN: 2582-5208, Volume:03, Issue:04, 5676-5682	April-2021
13	Aishwarya T Kajol Preetha B	Penta Cancer Detection System Using Deep Learning	Journal of Huazhong University of Science and Technology	1671-4512,50, 3, 1-13	March, 2021
14	Abishek.S Anish.N Levin Mac Rosevelte.X	IOT Based Blood Bank Monitoring and Ibeacon Donor Finder	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653,9, 4, 36-42	April 2021
15	Gopinath Ajay Amrith A Ajith Kumar M	Implement Ai to Reduce Accidents Using Jetson Nano	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653,9, IV, 483-487	April 2021
16	Girija Harini.S	Rice Leaf Disease Classification Using Deep Learning	International Journal of Innovative Research in Electricals, Electronics and Control Engineering (IJREEICE)	2321-2004 (online), 2321-5526 (print),9, 5, 25-33	May,2021
17	T. Nandhini, V. Soundarya B. Sowmya	Low latency corrective feedbackalgorithm for binary compressed sensing	IJRASET	2321-9653,9, IV,	April 2021
18	Praveen Kumar.P Prabhakar.G Raghul Raj.R	Centralized Flood Indication System	ISR JOURNAL	2347 -7210,3, 1, 494-505	April, 2021
19	M Mohammed Fazal B Nithishkumar S Sasi Kumar	Automated Closed Loop Aquaponics	2nd International Conference of Smart Automation (ICSA)2021	-	-
20	A.Ajay Amrith, Gopinath.T, M.Ajith Kumar	Implement AI to Reduce Accidents Using Jetson Nano	IJRASET	10.22214,9, IV,	April 2021
21	C. M. Abilash christinkumar M. Gokulakrishnan	Attention deficit hyper activity disorder detection and prevention	ISR journal	2321-3337,6, 3, 1525-1534	April 2021

	R. Gokul Subramaniam				
22	Vinodh kumar. S Yuvaraj. S	Accident prevention and collision avoidance	International science and research journal	2347-7210,3, 1, 541-552	09/04/2021
23	Akash Vijayan. I.V Ashwin Joshua. N, Harikrishnan. N	Detection and Classification of Alzhemir's disease using Deep Learning	Isr journals	ISSN NO: 2347-7210,3, 1, 515-526	April 2021
24	R.S.Athira, M.Hemaavarthini M. Hemalatha	Enhanced library Management for differently abled people	International conference on latest trends in science,engineering and technology(ICLTSET'21)	9788191074857	2021&MARCH
25	Bavithran.S, Jeswin Paul.P, KandhaRaj.M	Artificial Intelligence Based Mobile Robot	IJRASET	IJRASET33940,9, V, 159-175	2021 May
26	Abarna N, Akshaya D Divine Starry V	Flip Flop Optimisation to Reduce Power and Area Consumption	KIT-ICLTSET'21(International conference on Latest Trends in science, Engineering & Technology)	9788191074857	2021
27	Suvalakshmi E, Swetha M Vinny P	Machine Learning and Edge Iot Based Food Quality Monitoring System	National conference on emerging innovations in information and communication technology(NCEIICT'21)	-	2021
28	Mayuri M, Monica Grace D Steena Chris S	Emotion Recognition Based Self Learning for Autistic Children	ICLTSET'21	ISBN: 9788191074857	2021
29	R.Priyanka B.Vaisali,	Self-Learning Braille Application for Impaired People	7th International E-Conference on Latest Trends in Science, Engineering & Technology (Icletset'21)	9788191074857	2021
30	E. J Ejolin Mercedes,R Dharshiga Anto Shelsea Shiny A	Extraction Of Bms Data and Its Acquisition Using Lifi Communication for Facility Management	Published in International Journal of Advanced Research in Electronics, Communication Engineering and Development	2347 -7210,3, 1, 506-514	03 April, 2021

ACADEMIC YEAR (2019-20)

S. NO	NAME OF THE STUDENTS	TITLE OF THE PAPER	JOURNAL / CONFERENCE NAME	ISBN NO	YEAR OF PUBLICATION
1	Harshini.A, Akshaya.S, Mahalakshmi.A	Amalgamated Medical Image For Brain Tumour Discernment	6th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
2	Adlin Lejo G, Bindhuja B, Infanta Fernando J	Underwater Wiretrack Communication Using Li-Fi Technology	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
3	Deepika R S , Fazeela Sadiya,Jaya Latshmi R V	Design Of Dual Band Antenna For 5g Smartphone	6 th IEEE International Conference on Science, Technology, Engineering	ISBN:198-93-89817-32-4	2020

		Application	and Mathematics		
4	S. Felcy, S. Logapriya, R. Divya	Scrutinization Of Lung Tumour And Analysis Of Respiration Rate	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
5	Dharani S, Bhavithra R, Indhumathi S	Extraction Of Oil Spilled Regions Using Sar Images	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
6	T.R.Aishwarya, V.Keerthana, S.Mageshwari	Optical Recognition For Visually Impaired People Using Smart Grid Technology	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
7	A.Angelin Juliet, I.S Ann Sharon,D.Devi, R Madhumitha	Lora Based Environmental Monitoring And Hill Fire Detection	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
8	ArchanaR, Aishwarya P, Ilakkiya S	Surveillance Of Marine System	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
9	BavatharaniS,Faritha Begam M, Gnaneswari K	Gesture Aided Surgical Movement Of Robotic Arm Using Augmented Reality	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
10	Abinaya M, Asika R , Kiruthika R, Varsha P	Voting Machine For Blind And Amyotrophic Lateral Sclerosis People	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
11	A. Dharmesh, A. Karthickraja	Image Transmisssion Through Wireless Underground Sensor Network(Wusn)	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
12	Aran.A, Ajan Raj.A	Design And Development Of SafeGuiding Footwear	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
13	Avinash M, Avinash S, Bhavanandhan E, Blessing M Samuel	Eeg Based Rocker Bokie Mechanism For Differently Abled	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
14	R.Balamurali, I. Bennyameen, K.S.Bhalaji	Image Processing Based Diagnosis Of Sickle Cell Animea Using Microscopic Images	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
15	Adithya.S, Ajay.A, Balamurali.M	Wireless Charger For Pacemakers	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020
16	S Arun Kumar, S Karpagamoorthy, ⁴ E Deepak Harish, S Madan	Intelligent Dumb Assistance System Using Gestures Enhanced WithFpga	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93-89817-32-4	2020

17	Pravina R, Suganthi S, Sneha Sabu	Smart Aider For Impaired Vision	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
18	Manoj K, Manoj S, Ramkumar S	Quadraped Home Surveillance Bot Using Voice Recognition & Andriod Application	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
19	M.Priyadharshini, M.Rithika	An Improved Color Texture Based Face Spoofing Detection	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
20	Ninosca W Arnold A, Roselin J, Sree Jaya Kowsalya S	Smart Shopping System Based On Image Processing	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
21	Puoja Lakshmi M, Yamini K	Traffic Signal Detection And Recognition For Colourblind Individuals	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
22	M.Rachana, B.Rohini, R.Yogapriyah,	Smart Banking With Multilevel Security Authentication In Atm	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
23	J N Pramothe, S.Senthil Prakash	A Complete Monitoring Tool For Prisoner Tracking With Gps Using Rf Technology	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
24	Sadam Hussain J, Tamilarivan D, Vignesh Kumar P, vijayraj S	Hifi Trap-The Self Defense	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
25	V.SanthoshKumar,K.Sara n Raj, B.ThiruBhakkiya Venkatesan	Accident Avoidance Using Eyelid Movement Detection System	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
26	S. Sam Titus Moses,S. Siva Sankaran, A. Muhammad Arshad Shamshudeen	Evaluation And Risk Identification Of Diabetic Foot Ulcers	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
27	G.S Mukesh, U.Surya Kumar, G.Subramania	Pro-Pap Non Invasive Ventilation For Copd	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
28	Nivedhaa.S.K, Santhiya.K , Srinithia.A	Advanced Encryption Standard By Using Modified S-Box Algorithm	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
29	Navamani N, Rekha M, Susan Allison Brambleby	Health Monitoring System Using IotAnd Raspberry Pi	6 th IEEE International Conference on Science, Technology, Engineering	ISBN:198-93- 89817-32-4	2020

			and Mathematics		
30	Naveen Kumar D, Rahul D, Vigneshwaran P	Lpg Monitor For Home Safety	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
31	P.Praveen, S.Muthamil Kumaran, M.Selva Ganesh	Highway Electric Bus Driver Health Safety With Patrol Authentication	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
32	C. Sridhar,R. Mukeshkumar, C .Naveen Siddharth	Reconfigurable Multiband Frequency Antenna Based On DgsFor Wireless Application	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
33	J.Monica Mancy, A. Preetha Jenifer, R.Shanmugapriya	Design And Development Of Dual Axis Controlled Robot For Medical Prescription Writing	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
34	S.Manjari , S.Rajeshwari, S Ranjini	User Face Authentication And Auto Attendance Mailing System Using Raspberry Pi	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
35	Hemakumar S , Sai Ram R , Abinesh T	Smart Safety System For Sewage Workers Two Way Communication	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020
36	Praveen Kumar.P	The Internet OfAR / VR World	6 th IEEE International Conference on Science, Technology, Engineering and Mathematics	ISBN:198-93- 89817-32-4	2020