



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2023-24

Details of research publications			
BOOK CHAPTER 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. Rekha N	Computer Vision Based Home Automation	Recent Trends in Computational Sciences, First Edition, CRC Press, Taylor & Francis group, London, pp.51-56, November 2023. [ISBN: 9781032426853] https://www.taylorfrancis.com/ Link: https://doi.org/10.1201/9781003363781 https://www.taylorfrancis.com/books/edit/10.1201/9781003363781/cent-trends-computational-sciences-gururaj-francesco-flammini-pooja?refId=3f12fcaa-cdd7-4227-bd8c-b934074fc2ae&context=ubx
INTERNATIONAL JOURNAL PUBLICATIONS			
Sl. No.	Name of the faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor: Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Development of renewable energy system for low power underwater devices	Indonesian Journal of Electrical Engineering and Computer Science Vol. 31, No. 1, pp. 68-76 , [ISSN: 2502-4752] a Scopus/ScimagoJR indexed Q2 journal on July 2023. . DOI: http://doi.org/10.11591/ijeecs.v31.i1.pp68-76 . Scopus Link: https://www.scopus.com/sourceid/21100799500 SCI Link: https://www.scimagojr.com/journalsearch.php?q=21100799500&tip=sid&clean=0 Paper Link: https://ijeecs.iaescore.com/index.php/IJEECS/article/view/29920/17389
2	Dr. Rekha N	Reinforcing Optimization enabled Interactive Approach for Liver Tumor Extraction in CT Images	International Journal of Electrical and Computer Engineering (IJECE), Vol.13, No.4, pp.4076-4086, [ISSN 2088-8708], a Scopus/ScimagoJR indexed Q2 journal on August, 2023. Scopus Link: https://www.scopus.com/sourceid/21100373959 SCI Link: https://www.scimagojr.com/journalsearch.php?q=2088-8708 DOI: 10.11591/ijece.v13i4.pp4076-408 Paper Link: https://ijece.iaescore.com/index.php/IJECE/article/view/30028/16689
3	Mr. Saleem S Tevaramani	Arnold Transform-Lifting Wavelet Transform and Singular Value Decomposition Based Alpha Blending Image Steganography for Secure Communication	International Journal of Intelligent Systems and Applications in Engineering, Vol.12, No.1, PP.536-542[ISSN: 2147-6799], a Scopus/ScimagoJR indexed Q3 journal on October, 2023. Scopus Link: https://www.scopus.com/sourceid/21101021990 SCI Link: https://www.scimagojr.com/journalsearch.php?q=2147-6799 Paper Link: https://ijisae.org/index.php/IJISAE/article/view/3951/2597
4	Dr.Dinesh Kumar D.S	Mobile Jammer Circuit	International Advanced Research Journal in Science, Engineering and Technology,

			Vol. 10, No. 6, pp. 31-33, JULY 2023 [ISSN: 2393-8021]. DOI: 10.17148/IARJSET.2023.10707 Paper Link: https://iarjset.com/wp-content/uploads/2023/07/IARJSET.2023.10707.pdf
5	Mrs. Sangeetha V	Survey of robotic vacuum cleaners	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 11, No.1, pp. a453-a459, January 2024[ISSN: 2349-5162]. Paper Link: https://jetir.org/papers/JETIR2401053.pdf
6	Dr. Devika B	A Survey on Smart Car Parking System	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g417-g422, December 2023[ISSN: 2349-5162]. Paper Link: https://www.jetir.org/view?paper=JETIR2312650
7	Mrs. Ramya KR	A Survey on Fruits and Vegetables Quality Monitoring Systems	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 11, No. 1, pp. a225-a228, January 2024[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2401027.pdf
8	Mr. Satish Kumar B	Vehicle Fuel Theft Detection and Monitoring System	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. h144-h151, December 2023[ISSN: 2349-5162]. Paper link: https://jetir.org/view?paper=JETIR2312717
9	Mr.. Santhosh Kumar B.R	A Survey on Farmer-to-consumer website with sensors	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g516-g522, December 2023 [ISSN: 2349-5162]. Paper link: https://www.jetir.org/view?paper=JETIR2312660
10	Mrs. Vishalini Diwakar	A Review on solar powered lake cleaning robot	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g599-g603, December 2023 [ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2312669.pdf
11	Dr.P.N Sudha	Literature survey on smart real-time drainage monitoring system	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g674-g678, December 2023 [ISSN: 2349-5162]. Paper link: https://jetir.org/papers/JETIR2312679.pdf
12	Dr. Rekha N	A Survey on Automatic Accident Insurance claim	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g423-g430, December 2023[ISSN: 2349-5162]. Paper link: https://jetir.org/papers/JETIR2312651.pdf
13	Mr. S Christo Jain	Brain-Computer Interface to achieve Aided Communication	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g523-g532, December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2312661.pdf
14	Dr. Dinesh Kumar	Sensor-Based Smart Wireless Emergency Pendant	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 11, No. 1, pp. b172-b177, January 2024[ISSN: 2349-5162]. Paper link: https://jetir.org/papers/JETIR2401120.pdf
15	Mr. S Christo Jain	Laser engraving	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 11, No. 1, pp. a668-a670, January 2024[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2401082.pdf
16	Mrs. Sangeetha V	Smart blind shopping carrier	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g668-g673, December 2023[ISSN: 2349-5162]. Paper link: https://jetir.org/view?paper=JETIR2312678
17	Dr.Devika B	A Survey on tech-feed: intelligent feeding for furry friends	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g194-g197, December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2312627.pdf
18	Dr.P.N Sudha	Literature survey on water purifier	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12, pp. g619-g624, December 2023[ISSN: 2349-5162].

			Paper link: https://www.jetir.org/papers/JETIR2312672.pdf
19	Dr. Rekha N	Wi-fi based industry protection system	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 10, No. 12,pp. g563-g569, December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/view?paper=JETIR2312665
20	Dr.P.N Sudha	Literature Survey on Authenticated Access Control for Vehicle Ignition System by Driver's License and Fingerprint Technology	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 10, No. 12,pp. g509-g515, December 2023[ISSN: 2349-5162]. Paper link: jetir.org/papers/JETIR2312659.pdf
21	Mr. Santhosh Kumar B.R	Accident prevention system in railways	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 10, No. 12,pp. h86-h90, December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/view?paper=JETIR2312711
22	Mrs. Suma Santosh	Survey On Railway Management System	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 10, No:12, pp. h29-h32,December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2312705.pdf
23	Mrs.Bhargavi Ananth	Visitors Robotic Guide	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 10, No. 12,pp. g778-g783,December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2312693.pdf
24	Mrs.Bhargavi Ananth	Literature survey on library management robot	Journal of Emerging Technologies and Innovative Research (JETIR) Vol. 11, No. 1,pp. a492-a496, January 2024[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2401059.pdf
25	Mrs. Vishalini Diwakar	A Survey paper on voice controlled elevator	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 11, No. 1,pp. a163-a166, January 2024[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2401020.pdf
26	Mrs. Vishalini Diwakar	A Review on solar powered lake cleaning robot	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 10, No. 12,pp. g599-g603, December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2312669.pdf
27	Mr. Saleem S Tevaramani	IOT Based prepaid electric vehical charging station	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 11, No. 1,pp. a220-a224, January 2024[ISSN: 2349-5162]. Paper link: https://www.jetir.org/papers/JETIR2401026.pdf
28	Mr. Saleem S Tevaramani	Smart Bus Management System	Journal of Emerging Technologies and Innovative Research (JETIR)Vol. 10, No. 12,pp. g499-g502, December 2023[ISSN: 2349-5162]. Paper link: https://www.jetir.org/view?paper=JETIR2312657
29	Dr.Dinesh Kumar	RFID Based Attendance Management System	International Journal of Creative Research Thoughts - ijert (IJCRT.ORG) Vol. 11, No. 12,pp. e815-e823,December 2023[ISSN: 2320-2882]. Paper link: http://www.ijert.org/papers/IJCRT2312537
30	Mrs. Anita P	Hand gesture wheel chair control with fall detection system and location alert	International Journal of Creative Research Thoughts - ijert (IJCRT.ORG) Vol. 11, No. 12,pp. H223-h229,December 2023[ISSN: 2320-2882]. Paper Link: http://www.ijert.org/papers/IJCRT2312810
31	Mr. Praveen A	Bionic Arm	International Advanced ResearchJournal in Science, Engineering and Technology(IARJSET) Vol. 10, NO. 12, pp. 130-133, December 2023[ISSN: 2320-2882]. DOI: 10.17148/IARJSET.2023.101217 Paper Link: http://www.IARJSET.2023.101217.pdf