

PANIMALAR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
STUDENTS PROJECT DETAILS
ACADEMIC YEAR 2019 – 2020

S.No	Academic Year	PROJECT DOMAIN	PROJECT TITLE	PRODUCT / APPLICATION / INDUSTRY/ANY OTHER	JOURNAL PUBLICATION WITH SPECIFICATION	LINK	INDEXING
1	2019 – 2020	Antenna	Frequency Reconfigurable Microstrip patch antenna for 5G applications	APPLICATION	Mr. J. Navarajan, Mr. A. Vijaya ganes, Mr. SP. Alagappan, Mr. M. Vinethkumaran "Frequency reconfigurable rectangular microstrip patch antenna with structure for 5G applications" International Research Journal of Engineering and Technology (IRJET). Volume 07 Issue: 03, pp 4078 - 4081 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I3818.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I3818.pdf	Google Scholar
2	2019 – 2020		Assessment of Blood Vessels using Fat cell Acoustics	APPLICATION	M.R. J. Navarajan, MR. L. Ashok kumar, Kishore Kumar S, Suresh S, Sushil R. "Assessment of Blood Vessel Using Fat Cell Acoustics" International Research Journal of Engineering and Technology (IRJET). Volume 07, Issue 03, pp 1955 - 1958 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I3379.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I3379.pdf	Google Scholar
3	2018 – 2019		Smart lavatory with automatic cleansing system and live hygiene maintenance for public	PRODUCT	M.Premkumar, S.Kaninozhi, V.Krishika and Korrapati SindhuPriya "Smart Lavatory with Automatic Cleansing System and Live Hygiene Maintenance for Public" International Research Journal of Engineering and Technology (IRJET), vol.7, issue 3, pp 1239-1243 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I217.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I217.pdf	Google Scholar
4	2018 – 2019		Wireless Real Time Implementation Of Health Assist System For Rural	INDUSTRY	"M.Premkumar, R.AnandhaKrishna, R.Mohammed Azaraddin and Balakrishnan P "Wireless Real Time Implementation of Health Assist System for Rural" International Research Journal of Engineering and Technology (IRJET), vol.7, issue 3, pp.1962-1966 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I381.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I381.pdf	Google Scholar
5	2018 – 2019		Charging automation for electric vehicles	PRODUCT	Ramamathi K, Bannepriya S, Chithra L, Divyadarshini P "Charging automation for electric vehicles" International Research Journal of Engineering and Technology (IRJET) Volume 7 Issue 3 Pg.No. 3077-3081 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I3615.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I3615.pdf	Google Scholar
6	2018 – 2019		Implementation of network security and traffic filter using access control list	INDUSTRY	R.Suganthi, V.Nivetha, D.Narmadha, O.R.Meenakumari "Implementation of network security and traffic filtering using access control list" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03, PP-3902-3905 e-ISSN: 2395-0056 p-ISSN: 2395-0072 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I785.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I785.pdf	Google Scholar
7	2018 – 2019		"Intelligent shopping cart and economic analysis (iot based technology) using cloud server.	PRODUCT	I.Ponguzhali, Ajay Vince V, Kishore Kumar V, Aravinthan M "Design and Analysis of Kogge Stone Adder Using Approximate Compressor" International Research Journal of Engineering and Technology (IRJET) Vol 7, Issue 3, Pg. No. 2743 – 2747 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I547.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I547.pdf	Google Scholar
8	2018 – 2019		Hardware Optimization of Approximate Multiplier Using Approximate High Order Compressors	APPLICATION	V.Jeyaramya, Reethika J, Priyadarshini E, Pavithra R "Hardware Optimisation Of Approximate Multiplier Using Approximate High Order Compressors" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 04, pp6542-6547 ISSN 2395-0056 Apr-20 https://www.irjet.net/archives/V7/4/IRJET-V7I41231.pdf	https://www.irjet.net/archives/V7/4/IRJET-V7I41231.pdf	Google Scholar
9	2019 – 2020		Comparative Study And Analysis Of Reflect Array Antenna With Cavity Resonator	INDUSTRY	D.Kalaiaasi, D.Vishnu Priya, I.Tresa Ramu, A.B.Samathi "Comparative Study and Analysis of Reflect Array Antenna with Cavity Resonator" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) Volume 9, Issue 5 pp 1078-1087 e-ISSN: 2278 – 8875, p-ISSN: 2320 – 3765 May-20 http://www.ijareeie.com/upload/2020/may/46_COMPARATIVE_NC.PDF	http://www.ijareeie.com/upload/2020/may/46_COMPARATIVE_NC.PDF	Google Scholar
10	2019 – 2020		Performance And Analyze Of Cross Dipole Antenna With Parasitic Elements	APPLICATION	S.Sathya Priya, S.Nalini, R.Sandhya, S.Sneha "Performance and Analyze of Cross Dipole Antenna with Parasitic Elements" International Research Journal of Engineering and Technology (IRJET) Volume 07 NO 05, pp 915-919 2395-0056 May-20 https://www.irjet.net/archives/V7/5/IRJET-V7I5177.pdf	https://www.irjet.net/archives/V7/5/IRJET-V7I5177.pdf	Google Scholar
11	2018 – 2019		Two Axis Gimbal System For Cervical Joint Motion	PRODUCT	S.Aishwarya, P.Bavana, R.Deepika, T.Alamelu, K.Banumathi "Two Axis Gimbal System for a Cervical Joint Motion" International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 3 Pg.No. 4870-4876 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I3974.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I3974.pdf	Google Scholar
12	2018 – 2019		Energy Efficient Backhauling For 5G Small Cell networks	INDUSTRY	Janani P, Jobina Princey S, Malathi S, Mrs. M.Jansi Rani "Energy Efficient Backhauling for 5G Small Cell Networks" IJSDR - International Journal for Scientific Research & Development Vol. 8, Issue 3, pp 26 - 28 2321-0613 Jun-20 http://ijdrd.com/Article.php?manuscript=IJSDRDV8I0031	http://ijdrd.com/Article.php?manuscript=IJSDRDV8I0031	Google Scholar
13	2018 – 2019		Three Dimensional Additive Manufacturing	PRODUCT	M.Jayashree Jayasangeetha, Swarna Pragya, Marlapati G.Pravallika "Three dimensional additive manufacturing" International Journal of Advance Research Ideas and Innovations in Technology Vol. 6 Issue 2, pp776-777 2454-132X Mar-20 https://www.ijariit.com/manuscripts/v6i2/V6I2-1464.pdf	https://www.ijariit.com/manuscripts/v6i2/V6I2-1464.pdf	Google Scholar
14	2019 – 2020		Beam Steering THz Antenna Array Using Graphene Based Phase Shifter	APPLICATION	"K. Pratheesh,G. V. Srividhya, D.Kalaiaasi "Beam steering antenna array for multiband applications" International Journal of Advance Research, Ideas and Innovations in Technology Volume 6, Issue 3, pp 648-650 ISSN: 2454-132X May-20 https://www.ijariit.com/manuscripts/v6i3/V6I3-1491.pdf	https://www.ijariit.com/manuscripts/v6i3/V6I3-1491.pdf	Google Scholar
15	2018 – 2019		Implementation Of Fire Wall In The Cooperate Environment.	APPLICATION	Aswitha,S1, Divya,G2, Divya,S3 "Implementation of Fire Wall in the Cooperate Environment" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03, pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I3461.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I3461.pdf	Google Scholar
16	2018 – 2019		Modeling Traffic Congestion Based On Air Quality For Natural Environment	INDUSTRY	"M.Jayashree, P.Chanulatha, R.Keerthana, R.Divya Bharathi" "Modelling Traffic Congestion Based On Air Quality for Natural Environment" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 9, Issue 3, pp306-309 "2278 – 8875 " Mar-20 http://www.ijareeie.com/upload/2020/march/52_MODELING_PC.PDF	http://www.ijareeie.com/upload/2020/march/52_MODELING_PC.PDF	Google Scholar
17	2018 – 2019		FPGA implementation of optimized compuator for image median filtering	APPLICATION	V Jeya Ranya, R Sandhya, S Sinega, K S Sneha "FPGA Implementation of Optimized Compuator for Image Median Filtering" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering" Vol. 9, Issue 3, March 2020 pp310-317 "ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875" Mar-20 http://www.ijareeie.com/upload/2020/march/4_FPGA.PDF	http://www.ijareeie.com/upload/2020/march/4_FPGA.PDF	Google Scholar
18	2018 – 2019		Robot For Prescription Writing	PRODUCT	S.Krithiga, Gadireddy Pavithra, Koska.Sri Vysnavi,Mrs.R.Maryvicoria "Robot For Prescription Writing" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03, pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.irjet.net/archives/V7/3/IRJET-V7I3461.pdf	https://www.irjet.net/archives/V7/3/IRJET-V7I3461.pdf	Google Scholar
19	2018 – 2019		Implementation Of Traffic Engineering In Mpls Networks By Creating Te Tunnels Using Resource Reservation Protocol For Ipv6 Customers	INDUSTRY	R.Kalpana, J.Julia, B.K.Pavithra, Mrs.R.Suganthi "Implementation of Traffic Engineering in MPLS networks by creating TE tunnels using Resource Reservation Protocol for IPv6 customers" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 04, PP-4522-4526 e-ISSN: 2395-0056 p-ISSN: 2395-0072 Apr-20 https://www.irjet.net/archives/V7/4/IRJET-V7I4882.pdf	https://www.irjet.net/archives/V7/4/IRJET-V7I4882.pdf	Google Scholar

20	2018 – 2019		ROS Based Pick-And-Place Robot Simulation Using Moveit	APPLICATION	S.Karthikeyan, S.Karthik Raja, R. Hariharan and M.Preemkumar "ROS Based Pick-and-Place Robot Simulation using MOVEIt " International Journal of Research in Engineering Science and Management vol. 3, issue-6, pp 223-225 2581-5792 Jun-20 https://www.ijres.in.com/articles/ros-based-pick-and-place-robot-simulation-using-moveit/	https://www.ijres.in.com/articles/ros-based-pick-and-place-robot-simulation-using-moveit/	Google Scholar
21	2018 – 2019		Implementation Of Human Eye Pupil Detection Technique Using Centre of Gravity	APPLICATION	R. Pruthipa, P.Preemkannan, K.Ragunathan, R.Venkatakrishnan "Human eye pupil detection technique using center of gravity method " International Research Journal of Engineering and Technology(IJRET) Vol. 7 Issue 3, pp3818-3821 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3821.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3821.pdf	Google Scholar
22	2018 – 2019		Dod Data Hiding Technique Using Advanced Lab With Aes-256 Algorithm	APPLICATION	Dr. M.P. CHITRAI, N. KAVITHA SRIZ, V. BHAVYA PRIYANKA3, M. HARINI4 "DOD DATA HIDING TECHNIQUE USING ADVANCED LSB WITH AES-256 ALGORITHM" International Research Journal of Engineering and Technology (IJRET) Volume: 07 Issue: 03, pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3461.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3461.pdf	Google Scholar
23	2018 – 2019		A Non Invasive Remote Health Monitoring System Using Visible Light Communications	APPLICATION	D. Badrinarayanan, S.Madan kumar, R.Vivin Xavier, S.Aakash "Non Invasive Remote health Monitoring System Using Visible Light Communication " International Research Journal of Engineering and Technology (IJRET) Vol. 7, Issue 3, pp 2313-2318 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	Google Scholar
24	2018 – 2019		IoT Based Smart City And Air Quality Monitor	APPLICATION	D. Badrinarayanan, T. Aarthi "IoT Based Smart City and Air Quality Management " International Research Journal of Engineering and Technology Vol. 7, Issue 3, PP. 2596-2598 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3516.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3516.pdf	Google Scholar
25	2018 – 2019		Object Identification in Steel Container through Thermal Image Pixel Analysis	APPLICATION	Dr. M. P. Chitrai, Jawahar, K2, Karthikeyan, V2, Praveen, D2 "Object Identification in Steel Container through Thermal Image Pixel Analysis" in the International Research Journal of Engineering and Technology Vol. 7, Issue 3, pp 1967 - 1971 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	Google Scholar
26	2019 – 2020		Design of Ultrawide Band CPW Antenna with Dual Notch Band Characteristics	APPLICATION	L. Ashokkumar, J. Navarajan, K. Manigandan, R. M. Ajoy, M. Bharaman "Design of ultra wideband CPW antenna with dual notch band characteristics ", International Research Journal of Modernization in Engineering Technology and Science Volume:02, Issue:03, pp 399-403 2582-5208 Mar-20 https://ijmets.com/past-issue.php?l_id=21&v_id=64	https://ijmets.com/past-issue.php?l_id=21&v_id=64	Google Scholar
27	2019 - 2020		Design of Frequency Reconfigurable Microstrip Antenna Using Metal Stripline	APPLICATION	MeJ.Navarajani, Mr.G.Sanjay2, Mr.K.Karimullah3, Mr.V.Karand "Frequency reconfigurable microstrip antenna using metal stripline (diodes) " International Research Journal of Engineering and Technology (IJRET) Volume: 07 Issue: 06, pp 2313 -2318 2395-0056 Jun-20 https://www.ijret.net/archives/V7/i6/IJRET-V7i6437.pdf	https://www.ijret.net/archives/V7/i6/IJRET-V7i6437.pdf	Google Scholar
28	2018 – 2019		Design and Implementation of Kogge Stone Adder using Approximate compression on VLSI system	INDUSTRY	IPoonguzhali, Ajay Vince V, Kishore Kumar V, Aravindhan M "Design and Analysis of Kogge Stone Adder Using Approximate Compressor " International Research Journal of Engineering and Technology (IJRET) Vol.7, Issue 3, Pg. No. 2743 – 2747 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3547.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3547.pdf	Google Scholar
29	2018 – 2019		Fusion of MRI and CT For Detection Of Brain Tumour Using SWT And Probabilistic Neural Network	APPLICATION	D. Anil Kumar, V. Aswathi, R. Jennifer, R.S. Bhavani "Fusion of CT and MRI for the detection of Brain Tumor by SWT and Probabilistic Neural Network " International Research Journal of Engineering and Technology Volume: 07 Issue: 03 pp4060-4064 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3814.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3814.pdf	Google Scholar
30	2018 – 2019		Change Detection In Satellite Image Using Convolutional Neural Networks	APPLICATION	L. Ashokkumar, J. Navarajan, P.R. Praneesh, P.Sanjay, B. SuryaPrakash "Change detection in satellite images using convolutional neural networks " International Research Journal of Engineering and Technology (IJRET) Volume 07, Issue:03, pp 2313 - 2317 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3460.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3460.pdf	Google Scholar
31	2018 – 2019		Integral Security Option Towards Unpredictable Patterns	APPLICATION	Ragunai Vallathur, M. Jansi Rani "Integral security option towards unpredictable patterns " International Journal of Advance Research, Ideas and Innovations in Technology Volume 6, Issue 3, pp 600 - 604 2454-132X Jun-20 https://www.ijariit.com/manuscripts/v6i3/V6i3-1501.pdf	https://www.ijariit.com/manuscripts/v6i3/V6i3-1501.pdf	Google Scholar
32	2019 – 2020		Intelligent Human Protection System From Faulty Transmission Lines	APPLICATION	M. Jayashree, R.Pramodh, B.Sanjay, S.Vishwanath "Intelligent human protection system from faulty " International Research Journal of Engineering and Technology (IJRET) Vol. 7 Issue 4, pp5224-5228 "2395-0056 " Apr-20 https://www.ijret.net/archives/V7/i4/IJRET-V7i4984.pdf	https://www.ijret.net/archives/V7/i4/IJRET-V7i4984.pdf	Google Scholar
33	2019 – 2020	Deep learning (Artificial Intelligence)	Robot For Prescription Writing	PRODUCT	S.Kethiga, Gadreddy Pavithra, Konka Sri Vydhani,Mrs.R.Maryvicctoria "Robot For Prescription Writing" International Research Journal of Engineering and Technology (IJRET) Volume: 07 Issue: 03 pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3461.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3461.pdf	Google Scholar
34	2019 – 2020		Visual Climatic Control Using Embedded System For Power Management	APPLICATION	G. B. Sai Kishore1, S. Banu2, S.K. Jayaprakash3,T. Swetha4 "VISUAL CLIMATIC CONTROL USING EMBEDDED SYSTEM FOR POWER MANAGEMENT" in International Research Journal of Engineering and Technology (IJRET) Vol. 7, Issue 3, pp 2313-2318 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	Google Scholar
35	2019 – 2020		Implementation Of Human Eye Pupil Detection Technique Using Centre of Gravity	APPLICATION	R. Pruthipa, P.Preemkannan, K.Ragunathan, R.Venkatakrishnan "Human eye pupil detection technique using center of gravity method " International Research Journal of Engineering and Technology(IJRET) Vol. 7 Issue 3, pp3818-3821 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3768.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3768.pdf	Google Scholar
36	2019 – 2020		Object Identification in Steel Container through Thermal Image Pixel Analysis	APPLICATION	Dr. M. P. Chitrai, Jawahar, K2, Karthikeyan, V2, Praveen, D2 "Object Identification in Steel Container through Thermal Image Pixel Analysis" in the International Research Journal of Engineering and Technology Vol. 7, Issue 3, pp 1967 - 1971 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	Google Scholar
37	2019 – 2020	DIGITAL IMAGE PROCESSING	EEG Based Classification of Emotions with CNN and RNN	APPLICATION	S. Harshitha Mrs. A. Selvarani "EEG Based Classification of Emotions with CNN and RNN" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-4 Issue-4, June 2020, pp-1289-1293, URL: https://www.ijtsrd.com/papers/ijtsrd03074.pdf	https://www.ijtsrd.com/papers/ijtsrd03074.pdf	Google Scholar
38	2019 – 2020		Fusion of MRI and CT For Detection Of Brain Tumour Using SWT And Probabilistic Neural Network	APPLICATION	D. Anil Kumar, V. Aswathi, R. Jennifer, R.S. Bhavani "Fusion of CT and MRI for the detection of Brain Tumor by SWT and Probabilistic Neural Network " International Research Journal of Engineering and Technology Volume: 07 Issue: 03 pp4060-4064 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3814.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3814.pdf	Google Scholar
39	2019 – 2020		A Non Invasive Remote Health Monitoring System Using Visible Light Communications	APPLICATION	D. Badrinarayanan, S.Madan kumar, R.Vivin Xavier, S.Aakash "Non Invasive Remote health Monitoring System Using Visible Light Communication " International Research Journal of Engineering and Technology (IJRET) Vol. 7, Issue 3, pp 2313-2318 ISSN 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3382.pdf	Google Scholar
40	2019 – 2020		Change Detection In Satellite Image Using Convolutional Neural Networks	APPLICATION	L. Ashokkumar, J. Navarajan, P.R. Praneesh, P.Sanjay, B. SuryaPrakash "Change detection in satellite images using convolutional neural networks " International Research Journal of Engineering and Technology (IJRET) Volume 07, Issue:03, pp 2313 - 2317 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3460.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3460.pdf	Google Scholar
41	2019 – 2020		Smart lavatory with automatic cleansing system and live hygiene maintenance for public	PRODUCT	M.Preemkumar, S.Kanimochi, V.Krishika and Korrapati SindhuPriya "Smart Lavatory with Automatic Cleansing System and Live Hygiene Maintenance for Public " International Research Journal of Engineering and Technology(IJRET), vol.7, issue 3, pp.1239-1243 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3217.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3217.pdf	Google Scholar
42	2019 – 2020		Wireless Real Time Implementation Of Health Assist System For Rural	INDUSTRY	"M.Preemkumar, R.AzmadhaKishna, R.Mohammed Azazuddin and Balakrishnan P "Wireless Real Time Implementation of Health Assist System for Rural " International Research Journal of Engineering and Technology(IJRET), vol.7, issue 3, pp.1962-1966 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3381.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3381.pdf	Google Scholar
43	2019 – 2020		Charging automation for electric vehicles	PRODUCT	Banumathika, BanupriyaS, ChithraL, Divyashreeini P "Charging automation for electric vehicles " International Research Journal of Engineering and Technology (IJRET) Volume 7, Issue 3, Pg.No. 3077-3081 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3515.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3515.pdf	Google Scholar
44	2019 – 2020		"Intelligent shopping cart and economic analysis (IoT based technology) using cloud server.	PRODUCT	Dr. M. P. Chitrai, Jawahar, K2, Karthikeyan, V2, Praveen, D2 "Analysis of Kogge Stone Adder Using Approximate Compressor " International Research Journal of Engineering and Technology (IJRET) Vol.7, Issue 3, Pg. No. 2743 – 2747 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3547.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3547.pdf	Google Scholar
45	2019 – 2020	Embedded systems	Two Axis Gimbal System For Cervical Joint Motion	PRODUCT	S.Ashwarya, P.Bhavana, R.Dheepika, T.Alamelu, K.Banumathi "Two Axis Gimbal System for a Cervical Joint Motion " International Research Journal of Engineering and Technology (IJRET) Volume 7, Issue 3, Pg.No. 4870-4876 2395-0056 Mar-20 https://www.ijret.net/archives/V7/i3/IJRET-V7i3974.pdf	https://www.ijret.net/archives/V7/i3/IJRET-V7i3974.pdf	Google Scholar

46	2019 – 2020		Energy Efficient Backhauling For 5G Small Cell networks	INDUSTRY	Janani.P Jebina Princy.S Malaithi.S Mrs. M.Jansi Rani "Energy Efficient Backhauling for 5G Small Cell Networks " USRD - International Journal for Scientific Research & Development Vol. 8, Issue 3:pp 26- 28-2321-0613 Jun-20 http://ijsrd.com/Article.php?manuscript=USRDV8I30031	http://ijsrd.com/Article.php?manuscript=USRDV8I30031	Google Scholar
47	2019 – 2020		Military Spying Robot with Intelligent Destruction	APPLICATION	T. Sweetha, V. Keren Melinda, M. Hannah Sharon, G. Kavitha "Military Spy Robot with Intelligent Destruction " International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03, pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I3461.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I3461.pdf	Google Scholar
48	2019 – 2020		Dod Data Hiding Technique Using Advanced Lsb With Aes-256 Algorithm	APPLICATION	Dr. M.P. CHITRAI, N. KAVITHA SRI2, V. BHAVYA PRIYANKA3, M. HARINI4 "DOD DATA HIDING TECHNIQUE USING ADVANCED LSB WITH AES-256 ALGORITHM" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03, pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I3461.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I3461.pdf	Google Scholar
49	2019 – 2020		Iblink- A Wearable Device Facilitating Facial Paralysis Patients To Blink.	APPLICATION	AKSHAYA N1, HANILA J2, HARIKA V3, Dr. M.P CHITRA4 "Iblink- A Wearable Device Facilitating Facial Paralysis Patients to Blink" in the "International Research Journal of Engineering and Technology, Journal Volume 7, Issue 6 June 2020"	https://www.irjet.net/archives/V7/I6/IRJET-V7I6471.pdf	Google Scholar
50	2019 – 2020	IoT	Iot Based Smart City And Air Quality Monitor	APPLICATION	D. Badrinarayanan, T. Aarthi "IoT Based Smart City and Air Quality Management " International Research Journal of Engineering and Technology Vol. 7, Issue 3, PP. 2596-2598 ISSN 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I3516.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I3516.pdf	Google Scholar
51	2019 – 2020		Intelligent Human Protection System From Faulty Transmission Lines	APPLICATION	M. Jayashree, R.Pramodh, R.Sanjay, S.Vidhwanath "Intelligent human protection system from faulty" International Research Journal of Engineering and Technology (IRJET) Vol. 7 Issue 4, pp5224-5228 "2395-0056 " Apr-20 https://www.irjet.net/archives/V7/I4/IRJET-V7I4984.pdf	https://www.irjet.net/archives/V7/I4/IRJET-V7I4984.pdf	Google Scholar
52	2019 – 2020	Networking	Implementation of network security and traffic filter using access control list	INDUSTRY	R.Suganthi, V.Nivetha, D.Narmadha, O.R.Meenukumari "Implementation of network security and traffic filtering using access control list " International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03 , PP-3902-3905 e-ISSN: 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I3785.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I3785.pdf	Google Scholar
53	2019 – 2020		Implementation Of Fire Wall In The Cooperate Environment.	APPLICATION	Ashvitha.S1, Divya.G2, Divya.S3 "Implementation of Fire Wall in the Cooperate Environment" International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 03, pp 2318-2322 e-ISSN: 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I3461.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I3461.pdf	Google Scholar
54	2019 – 2020		Implementation Of Traffic Engineering In Mpls Networks By Creating Te Tunnels Using Resource Reservation Protocol For Ipv6 Customers	INDUSTRY	R.Kalpna, J.Julia, B.K.Pavithra, Mrs.R.Suganthi "Implementation of Traffic Engineering in MPLS networks by creating TE tunnels using Resource Reservation Protocol for IPv6 customers " International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 04 , PP-4522-4526 e-ISSN: 2395-0056 p-ISSN: 2395-0072 Apr-20 https://www.irjet.net/archives/V7/I4/IRJET-V7I4882.pdf	https://www.irjet.net/archives/V7/I4/IRJET-V7I4882.pdf	Google Scholar
55	2019 – 2020		Design and Implementation of Kogge Stone Adder using Approximate compression on VLSI system	INDUSTRY	I.Poonguzhali, Ajay Vince V, Kishore Kumar V, Aravinthan M "Design and Analysis of Kogge Stone Adder Using Approximate Compressor " International Research Journal of Engineering and Technology (IRJET) Vol 7, Issue 3, Pg. No. 2743 – 2747 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I3547.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I3547.pdf	Google Scholar
56	2019 – 2020	Robotics	Integral Security Option Towards Unpredictable Patterns	APPLICATION	Ragunani Vallabha, M. Jansi Rani "Integral security option towards unpredictable patterns " International Journal of Advance Research, Ideas and Innovations in Technology Volume 6, Issue 3, pp 600 - 604 2454-132X Jun-20 https://www.ijariti.com/manuscripts/v6i3/v6i3-1501.pdf	https://www.ijariti.com/manuscripts/v6i3/v6i3-1501.pdf	Google Scholar
57	2019 – 2020		Three Dimensional Additive Manufacturing	PRODUCT	M.Jayashree Jayasangeetha, Swarna Pragna, Madhupati.G.Prasallika "Three dimensional additive manufacturing " International Journal of Advance Research Ideas and Innovations in Technology Vol. 6 Issue 2, pp776-777 2454-132X Mar-20 https://www.ijariti.com/manuscripts/v6i2/v6i2-1464.pdf	https://www.ijariti.com/manuscripts/v6i2/v6i2-1464.pdf	Google Scholar
58	2019 – 2020		ROS Based Pick-And-Place Robot Simulation Using Moveit	APPLICATION	S.Karthikeyan, S.Karthik Raja, R. Harsharan and M.Prenkumar "ROS Based Pick-and-Place Robot Simulation using MOVEIT " International Journal of Research in Engineering Science and Management vol. 3, issue-6:pp.223-225 2581-5792 Jun-20 https://www.ijresm.com/articles/ros-based-pick-and-place-robot-simulation-using-moveit/	https://www.ijresm.com/articles/ros-based-pick-and-place-robot-simulation-using-moveit/	Google Scholar
59	2019 – 2020	VLSI design	Hardware Optimization of Approximate Multiplier Using Approximate High Order Compressors	APPLICATION	V.Jeyaramya ,Reethika J, Priyadarshini E, Pavithra R "Hardware Optimisation Of Approximate Multiplier Using Approximate High Order Compressors " International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 04,pp5542-6547 ISSN 2395-0056 Apr-20 https://www.irjet.net/archives/V7/I4/IRJET-V7I41231.pdf	https://www.irjet.net/archives/V7/I4/IRJET-V7I41231.pdf	Google Scholar
60	2019 – 2020		FPGA implementation of optimized comparator for image median filtering	APPLICATION	V.Jeya Ramya, R.Sandhya, S.Sinega, K.S.Sudha "FPGA implementation of optimized comparator for image median filtering" IN THE INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRICAL,ELECTRONICS AND INSTRUMENTATION ENGINEERING Volume 9, Issue 1, March 2020. https://www.ijareeic.com/upload/2020/march/4_FPGA_PDF	https://www.ijareeic.com/upload/2020/march/4_FPGA_PDF	Google Scholar
61	2019 – 2020	WIRELESS COMMUNICATION	Visible Light Communication For Video Transmission	INDUSTRY	I. Poonguzhali, M. Anisha, V. Anithine, D. Kavitha "Visible Light Communication For Video Transmission " International Research Journal of Engineering and Technology (IRJET) Vol 7, Issue 3, Pg. No. 5399 – 5402 2395-0056 Mar-20 https://www.irjet.net/archives/V7/I3/IRJET-V7I31087.pdf	https://www.irjet.net/archives/V7/I3/IRJET-V7I31087.pdf	Google Scholar
62	2019 – 2020		Modeling Traffic Congestion Based On Air Quality For Natural Environment	INDUSTRY	M.Jayashree, P.Chanditha, R.Keerthana, R.Divya Bharathi "Modeling traffic congestion based on air quality for natural environment" IN THE INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRICAL,ELECTRONICS AND INSTRUMENTATION ENGINEERING Volume 9, Issue 3, March 2020. https://www.ijareeic.com/upload/2020/march/52_MODELING-PC-PDF	https://www.ijareeic.com/upload/2020/march/52_MODELING-PC-PDF	Google Scholar
63	2019 – 2020	Wireless sensor network	Magnetic Induction Based Communications On The Agriculture Field using Wireless Underground Sensor Networks	APPLICATION	I.Poonguzhali, S.Saranya, B.Priyanka, M.S.Rajashree "Magnetic Induction based Communications on the Agriculture Field using Wireless Underground Sensor Networks" IN Journal of Emerging Technologies and Innovative Research (JETIR), VOL.10, NO. 07, ISSUE 04. http://www.jetir.org/view?paper=JETIR2004454	http://www.jetir.org/view?paper=JETIR2004454	Google Scholar