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Experience : 20 years

1.	T.Kavitha, S.Shiyamala,A.Farithkhan and J.GnanaArun Johnson “Designing the Antenna for ISM band Application” International Journal of Applied Engineering Research,Vo.10, No.19,pp:40197-40202, 2015. (SCOPUS Indexed)
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3.	P.Nagarajan, T. Kavitha and.S.Shiyamala, “Efficient Timing Element Design Featuring Low Power VLSI Applications”, International Journal of Engineering and Technology, Vol 8, No 4, Aug 2016. (SCOPUS Indexed)
4.	T.Kavitha, Shiyamala S. and V.Rajamani “Multipath Routing and Wavelength Assignment Technique in Optical WDM Mesh Networks”, Journal of Optical Communications, Vol.38 , Issue 4, Dec 2017, (SCOPUS Indexed)
5.	S.Shiyamala T. Kavitha, and P.Nagarajan, “Real Time Motion Detection and Tracking System by Kalman Filter”, Journal of Theoretical and Applied Information Technology Vol.96, No. 16, Aug 2017. (SCOPUS Indexed)
6.	T.Kavitha S.Shiyamala, “Inverted dual U slot loaded truncated microstrip patch antenna for wireless applications”, International Journal of Engineering and Technology, Vol7 , No 2.21 , 2018. (SCOPUS Indexed)
7.	S.Shiyamala, T. Kavitha, P.K.Kowsalya “Improving the durability of the surveillance monitoring network”, International Journal of Engineering and Technology, Vol 7, Issue 3, pp 956 -959, 2018 (SCOPUS Indexed)
8.	S.Shiyamala, T. Kavitha, “Design of low delay ring oscillator using CMOS”, International Journal of Engineering and Technology. Vol 7, Issue 3, pp 334 -336, 2018 (SCOPUS Indexed)
9.	S.Shiyamala, T. Kavitha, “A modified MAP decoder architecture for low power consumption and delay using unfolded technique”, Journal of Advanced Research in Dynamical and Control Systems, Vol 10, Issue 9, pp 1159 -1166, 2018 (SCOPUS Indexed).
10.	T.Kavitha, Diwakar.K, S.Shiyamala, “Upper bounds on integrators of signal dependant delta-sigma ADC”, Journal of Advanced Research in Dynamical and Control Systems, Vol 10, Issue 9, pp 1116-1120, 2018 (SCOPUS Indexed).

11.	Kavitha T. , Shiyamala S., AbroseBanu N., AshikIlahi K. “Minimum Surface Potential Profile Modeling of Triple Material Double Gate Metal Oxide Semiconductor Field Effect Transistor,” Journal of Advanced Research in Dynamical and Control Systems, Vol.10. Issue.5,2018, (SCOPUS Indexed) USA
12.	T Kavitha , A Prem Kumar and A Sowmith Performance Analysis of Single Side Band Orthogonal Frequency Division Multiplexing in Radio over Fiber System with Direct and External Modulation Schemes, 2019 (SCOPUS Indexed).
13.	T.Kavitha , ReshmaPavani, “Dense Wavelength Division Multiplexing using Dispersion Fibre with Erbium Doped Fiber Amplifier”, International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-11, September 2019. (SCOPUS Indexed).
14.	Maniganda P, Kavitha T. “Performance Analysis of PARR Reduction in FBMC-OQAM using DCT with Mu-companding in 5G System”, Journal of Advanced Research Dynamic Control Systems, Vol.11, No.10, 2019 (SCOPUS Indexed) USA
15.	Kavitha, T , Angel Reena, C.R.”Smart Museum Using Lifi Technology”, Published In Springer Lecture Series, Lecture Notes On Data Engineering And Communication Technologies, Pp:936-942,Vol.44, Jan 2020
16.	A,Arulmary, V.Rajamani, T.Kavitha , “ Study of uniformly doped nano scale single-walled CNTFET under dark and illuminated conditions” Microelectronics Journal(Elsevier), Vol.10, pp:1-6, 2020. (SCIE)
17.	Kavitha T , Prabhakar Reddy K., Sravani J. “Performance investigation of fiber to the home (FTTH) ingress network based on GPON with optisystem”, <u>Advances in Smart System Technologies</u> , Springer, Vol.1163 pp 95-101, 2020. (SCOPUS Indexed).
18.	T.Kavitha , P.Nagarajan, A,Arulmary, “Radio Over Fiber On Gigabit Passive Optical Network Using QPSK Modulation Scheme" Journal of Optical Communications, Nov 2020. (SCOPUS Indexed).
19.	A,Arulmary, V.Rajamani, T.Kavitha , “Study of uniformly doped nano scale single-walled CNTFET under dark and illuminated conditions”, Microelectronics Journal (Elsevier), Vol.10, pp:1-6, 2020. (SCI Indexed)
20.	P.Nagarajan, T. Kavitha and. S. Venkatramana “Design and Evaluation of Power Efficient Shift Register Featuring Low Power Automatic Manufacturing Systems”, Solid State Technology Volume: 63 Issue: 5, 2020 (Scopus Indexed)
21.	Kavitha.T and MujeebBhasah “Performance and Analysis of Different optical Filters For 5G Wireless Optical Communication System”, Springer

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22.	P.Nagarajan, T. Kavitha and. S. Venkatramana “Design and Evaluation of Master Slave Flip-Flop Featuring Low Power Digital VLSI Systems”, Journal of Semiconductor Technology and Science
23.	A,Arulmary, V.Rajamani, T.Kavitha “Optimization of DMG-CNTFET Photo detector for different illumination conditions through nano particles doping and size through Self-Consistent Poisson- Schrodinger Equations”, Optical Materials Express