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Details of Publications:

Type of Publications	Published
1. Books	1
2. Papers in international journals	22
3. Papers presented in International Seminars/conferences	4
4. Conferences/Seminars/Workshops attended	10

Publications list:

1. Karpagarajesh, G. and Vijayaraj, M., 2016. Blocking Probability in All-Optical WDM Network Using IMCA. *Circuits and Systems*, 7(06), p.1068
2. Karpagarajesh, G. and Vijayaraj, M., 2016, Fusion of Multicast Grooming and Regenerator Placement in Wavelength Routed WDM Optical Networks, *International Journal Of Innovations In Engineering And Technology* Volume 7 Issue 3
3. Karpagarajesh, G. and Vijayaraj, M., 2017. Comparison and Implementation of Routing And Wavelength Assignment Strategies in WDM Optical Networks Utilizing Without Wavelength Conversion Technique (WWCT). *European Journal of Applied Sciences*, 9(2), pp.103-107.
4. Martina, M. and Karpagarajesh, G., 2018. Comprehensive Study on Next Generation-Passive Optical Networks (NG-PON2) using Time Wavelength Division Multiplexing (TWDM): A Literature Review. *i-Manager's Journal on Communication Engineering and Systems*, 8(1), p.36.
5. Karpagarajesh, G., Narmatha, S., Niranjana, A.V., Ramya, M. and Sivagami, P., 2018. Energy Efficiency and Enhancement in Cognitive Radio Cellular Set-Up. *i-Manager's Journal on Electronics Engineering*, 9(2), p.36.

6. Dr. G. Karpaga Rajesh , U. Krishnaveni, G. Nithya Jeevitha, S. Sherlin Leela Princy, 2018 Implementation of TMS using IOT , *International Journal For Scientific Research & Development* ,Vol. 6, Issue 05, IJSRDV6I50216, Volume : 6, Issue
7. Dr.G.Karpagarajesh, U.Krishnaveni, G.Nithya Jeevitha, S.Sherlin Leela Princy ,M.Vijayalakshmi, .S.Femil, D.Shiny, 2018, Applications Of Iot (Internet Of Things) In AMS (Agriculture Monitoring System, *International Journal Of Pure And Applied Mathematics*, Volume 119 No. 16
8. KarpagaRajesh, G., Jasmine, L.A., Anusuya, S., Apshana, A., Asweni, S. and Nambi, R.H., 2019. Voice Controlled Raspberry Pi Based Smart Mirror. *International Research Journal of Engineering and Technology*, 6(5), pp.1980-1984.
9. Karpagarajesh, G. and Anita, R.H.V., 2019. A Comprehensive Study on Wireless Optical Space Communication Techniques. *i-Manager's Journal on Communication Engineering and Systems*, 8(3), p.28.
10. Jayanthan, A. and Karpagarajesh, G., 2019. Examination of Ship Object Recognition in High-Determination Sar Metaphors Based on Information Theory and Harris Corner Detection Technique, *International Journal Of Trend In Scientific Research and Development (IJTSRD)* ,Volume 3 Issue 5.
11. Jenefer, R. And karpagarajesh, D., 2019. Retrospection on Gigabit Passive Optical Network (GPON), *Iconic Research and Engineering Journals* ,Volume 3 Issue 2 |
12. M. Martina And Dr. G. Karpagarajesh, 2019, Performance Evaluation Of Diverse Optical Amplifiers Through TWDM-Next Generation Passive Optical Networks (NG-PON) Configuration, *Ciit International Journal Of Programmable Device Circuits And Systems* Vol 11, No 9,
13. Surya S.M, Dr. G. Karpagarajesh, 2019, Probe On Compressive Rate Estimation With Device-To- Device Communications Under Lte-Advanced Networks, *Iconic Research And Engineering Journals* ,Volume 3 Issue 4 |
14. Dr. G. Karpagarajesh, Jaya Divya A.J, Kaviya R, Shanmuga Priya K, 2019 Comparative Investigation On Piecewise Direct Interpolation Systems And Their Architecture , *International Research Journal Of Engineering And Technology*, Volume: 06 Issue: 01
15. Dr. G. Karpagarajesh, kaviya .R And jaya Divya A.J., 2019 Spectrum Sensing Methods For OFDM And FBMC Signals Under Rayleigh Fading Channels In Cognitive Radio, *International Journal Of Trend In Research And Development*
16. Dr. G. Karpaga Rajesh M.E., Ph.D, Vaishnu Priya. R, Kaviya R, Jaya Divya Aj, 2019, Security Using Location Based Key (LBK) System For Effective Multipath Attack And

Protection For Location Discrimination in Wireless Sensor Systems, *International Journal Of Trend In Scientific Research And Development (IJTSRD)*, Volume: 3 | Issue: 2

17. Dr.G.Karpagarajesh Jaya Divya A.J.,2019, Intensified Countermeasure Of Wireless Static Jammer Detection And Evaluating With Dynamic Jammers In Low Power Wireless Configurations (Lplwc), *Cikitusi Journal For Multidisciplinary Research* ,Volume 6, Issue 6
18. Anita, H.V., Princy, S.L. and Jenefer, W., 2020. Assessment of RZ and NRZ Coders In Free Space Multiplexing System with Reduced Attenuation Effect and Increased Q Factor, our heritage journal
19. Princy, S.L., Jenefer, W. and Anita, H.V., 2020. Performance Analysis of Visible Light Communication (VLC) with and Without Consider the External Noise Using Mach Zehnder (Mz) Modulator, our heritage journal
20. Jenefer, W., Princy, S.L. and Anita, H.V., 2020. Computer Aided Diagnosis For Retinal Lesion Detection Based on Adaptive Boosting Classifier, our heritage journal