

## **Publications**

1. P.Prakash and M.Ganesh Madhan, " Design of Lattice Form Optical Delay Line Filters For Microwave Applications", Progress In Electromagnetics Research C, Vol. 32, pp. 197-206 (2012).
2. P. Prakash, M.Ganesh Madhan, "A Fifth Order FIR Optical Delay Line Filter For Dispersion Compensation", ELSEVIER-Procedia engineering, (2012).
3. G AARTHY, P PRAKASH, M GANESH MADHAN, "Design And Analysis Of 4 Port Coupler Based Delay Line Filter For Dispersion Compensation", International Journal Of Emerging Technology In Computer Science, published by IJETCSE. Vol. 1, pp. 86-88 (2014).
4. P. Prakash and M. Ganesh Madhan, "An Approach to Improve the Performance of FIR Optical Delay Line Filters", Springer India 2016, pp. 35-43 (2016).
5. M. S. Sowmyaa Vathsan, Dr. P. Prakash, P. Kasthuri, "Optical Filter Response of Photonic Microwave Filter (PMF) Using Fabry-Perot Laser Diode (FP-LD)" presented in a International level conference on International Conference on Communication, Computing & Internet of Things, organised by Sri Sai Ram Engineering College, India from 21-Feb-2020.
6. Poornima, Dr. P. Prakash, Dr.M.Ganesh Madhan, "Optical Filter Response of Photonic Microwave Filter (PMF) Using Fabry-Perot Laser Diode (FP-LD)" presented in a International level conference on International Conference on Communication, Computing & Internet of Things, organised by Sri Sai Ram Engineering College, India on 21-Feb-2020.
7. U Bhanu chander, P Prakash , S Piramasubramanian , M Ganesh Madhan, "Effects of added Secondary Dielectric material on the Performance of a Microstrip patch Antenna" IOP Conf. Series: Materials Science and Engineering vol. 577, PP.1 to 10 (2019).
8. M.Pooja Poonkuzhali and Dr. P. Prakash, "Analysis of Electronic Dispersion Compensation for 10 Gbps Using Equalizer" presented in a International level conference on Innovations in Power and Advanced Computing Technologies (i-PACT), organised by VIT Vellore from 22-Mar-2019 to 23-Mar-2019

9. K.Geetha Priya, P.Prakash, "Analysis of WDM-FSO System Under Various Weather Condition" presented in a National level conference on National Conference on Signal Processing, Communication and VLSI Design(NCSCV'18), organised by Anna University, Regional campus, Coimbatore, India from 06-Apr-2018 to 07-Apr-2018.
10. Gomathi and P.Prakash, "Tunable Multi wavelength Erbium-Doped Fiber Laser Using Optical Delay Line " presented in a National level conference on National Conference on Signal Processing, Communication and VLSI Design(NCSCV'18), organised by Anna University, Regional campus, Coimbatore, India from 06-Apr-2018 to 07-Apr-2018.
11. P.Pavithra, P.Prakash and Allin Jeo, "Performance comparison on O-CDMA and M-code keying Technique to enhance Optical Security " presented in a International level conference on International Conference on Science and Innovative Engineering (ICSIE) , organised by International Society for Engineering Research and Development, Singapore from 20-May-2018 to 21-May-2018.
12. S.Arul Prakash, A.Thasnem Banu, E. B. Raghul, Dr. P. Prakash, "Multilevel Modulation Format Conversion using Delay -Line Filter" presented in a International level conference on World Symposium on Communication Engineering, organised by WSCE, Singapore from 28-Dec-2018.
13. P Kasthuri, P Prakash, " Performance Analysis Of Delay Line Filter Using X-Coupler And Delay Line Iir Filter" presented in a International level conference on International Conference On Signal Processing, Communications And Networking (ICSCN 2017), organised by Madras Institute of Technology, India from 16-Mar-2017 to 18-Mar-2017.
14. J Karunya, P Prakash, "Analysis OF WDM System Using DCF" presented in a International level conference on International Conference On Signal Processing, Communications And Networking (ICSCN 2017), organised by Madras Institute Of Technology, India from 16-Mar-2017 to 18-Mar-2017.
15. P. Prakash and M. Ganesh Madhan, "An Approach to Improve the Performance of FIR Optical Delay Line Filters", Springer India 2016, pp. 35-43 (2016).
16. G.Aarthy, P.Prakash, M.Ganesh Madhan, "Design and Analysis of 4 Port Coupler Based Delay Line Filter for Dispersion slope Compensation" presented in a International level conference on 2014 IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), India from 18-Apr-2014 to 18-Apr-2014.

17. P.Prakash and M.Ganesh Madhan, " Design of Lattice Form Optical Delay Line Filters For Microwave Applications", Progress In Electromagnetics Research C, Vol. 32, pp. 197-206 (2012).
18. P. Prakash, M.Ganesh Madhan, "A Fifth Order FIR Optical Delay Line Filter For Dispersion Compensation", ELSEVIER-Procedia engineering, (2012).
19. G AARTHY, P PRAKASH, M GANESH MADHAN, "Design And Analysis Of 4 Port Coupler Based Delay Line Filter For Dispersion Compensation", International Journal Of Emerging Technology In Computer Science, published by IJETCSE. Vol. 1, pp. 86-88 (2014).
20. P.Kanagaraj, "Design of 1 input 3 output Lattice Form Optical Delay Line Filter" presented in a National level conference on A National Level Conference on "Emerging Trends in Information and Communication (ETICT 2010), organised by Sethu Institute of Technology, India from 28-Apr-2010 to 29-Apr-2010.
21. Selvi and P.Prakash, "Design of Lattice Form Optical Delay Line Filter" presented in a International level conference on International Colloquium on Computing, Communication, Control and Management (CCCM 2010), organised by Yangzhou University, China from 20-Aug-2010 to 22-Aug-2010.
22. "Analysis of microwave photonic filters" presented in a International level conference on International Colloquium on Computing, Communication, Control and Management (CCCM 2010), organised by Yangzhou University, China from 20-Aug-2010 to 22-Aug-2010.
23. "Design of lattice form optical delay line filter using constrained least square algorithm" presented in a International level conference on International Conference on Recent Trends in Information Technology, organised by M I T , Anna University, India .
24. S.shaik majeeth, P. Prakash, "Multi target tracking with scaled unscented transformation" presented in a National level conference on National conference on Emerging Trends in Engineering & technology, organised by Saintgits college of Engineering, Kottayam, Kerala , India from 05-May-2007.