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PUBLICATIONS

2019

1. Latha G, Prita Nair, Resmi K.S, "SPR aided PCF based beam modifiers for efficient coupling into rectangular waveguides", International Journal of Current Engineering and Technology, Vol 9, No 1, JanFeb 2019, pp 17-21 . Inpressco, ISSN Electronic-2277 – 4106, Print-2347 – 5161.

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2. Balasbramanian M, Joshitha C, B.S Sreeja, Prita Nair, "Multiport RF MEMS Switch for Satellite Payload Applications", Microsystem Technologies, Micro Nano Systems, Information Storage and Processing Systems, DOI:10.1007/s00542-017-3675-3, Published Online , 26th Dec 2017, ISSN 0946-7076, Print :May 2018, Volume 24, Issue 5, pp 2379–2387
3. Dhakshinamoorthy T, Prita Nair, "Modeling and Application of MEMS Micro Mirrors for Periodic Pattern Generation", International Conference on Advanced Semiconductor Materials and Devices, Indian Institute of Chemical Technology, Hyderabad, 8-10 March, 2018

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2. Bala Subramanian M., Resmi K.S., Nair P. (2017) 1-D Photonic Crystal Based Dynamic Encoder/Decoder for 2D W-T OCDMA System. In: Bhattacharya I., Chakrabarti S., Reehal H., Lakshminarayanan V. (eds) Advances in Optical Science and Engineering. Springer Proceedings in Physics, vol 194. Springer, Singapore. https://doi.org/10.1007/978-981-10-3908-9_71

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1. G.Latha, P. Nair, "Solid Core Photonic Crystal Fiber Based Optical Studies of Transformer Oil through Near Field Imaging', Optik - Int. J. Light Electron Opt, Vol 127. September, 2016, pp.10991-10998.

2. Balasubramaniam M , Resmi K.S, Prita Nair, "1-D Photonic Crystal Based Dynamic Encoder/Decoder for 2D W-T OCDMA System", 3rd International Conference on Optronics and Applied Optics, (Optronix 2016), University of Engineering and Management, Kolkatta, India , 18th –20th August 2016, Advances in Optical Science and Engineering, Springer Proceedings in Physics 194, ISBN 978-981- 10-3907-2

2015

1. G.Latha , P. Nair, "Feasibility Study of a PCF Sensor for In-situ Monitoring of Silicone Oil Contamination in Transformers", Journal of Applied Sciences Research, Vol 11(22), December, 82-86.

2. Balasubramaniam M, Prita Nair, "Design And Analysis of Optical QAM Scheme Using an Electro-optic Microring Resonator", IEEE Workshop on Recent Advances in Photonics, 16-17 December, IISc Bangalore, 2015