Publications

(a) Number of International Journal: : 23

(b) Number of National Journal: : 02

(c) Number of International Conference: : 22

(d) Number of National Conference: : 10

Total : 57

International Journals

1. **V. Rajpoot** and V. S. Tripathi, “A novel proactive handoff scheme with CR receiver based target channel selection for cognitive radio network”, in Physical Communication, vol. 36, October 2019, doi: org/10.1016/j.phycom.2019.100810 (Impact factor: 1.594)

2. Upadhyay, Gaurav; Kishore, Nand; Raj, Saurabh; Tripathi, Shivesh; **Tripathi, Vijay Shanker**, "Dual-feed CSRR-loaded switchable multiband microstrip patch antenna for ITS applications", *IET Microwaves, Antennas and Propagation*, pp.1-5, 08/2018, Published By IEEE.(**SCI, IF = 1.739**)

3. Vivek Rajpoot, **Vijay Shanker Tripathi**, "A novel sensing and primary user protection algorithm for cognitive radio network using IoT", **Physical Communication**, pp.268-275, 08/2018, Published By Elsevier.(**SCI, IF = 1.594**)

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5. Nand Kishore, Gaurav Upadhyay, Arun Prakash, **Vijay Shanker Tripathi**, "Millimeter-Wave Antenna for Intelligent Transportation System", *Journal of Microwaves, Optoelectronics and Electromagnetic Applications*, pp.173-180, 03/2018, Published By Brazilian Microwave and Optoelectronics Society.(**Scopus**).

6. Nand Kishore, Gaurav Upadhyay, **Vijay Shanker Tripathi** and ArunPrakash, “Dual band rectangular patch antenna array with defected ground structure for ITS application”, *AEU-International Journal of Electronics and Communications, Elsevier Publication*, pp.228-237, 10/2018, (**SCI, IF = 2.115**).

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8. Sandeep Shukla and **Vijay Shanker Tripathi**, "Performance Evaluation of Timing Estimation Technique Using Extended Cyclic Prefix for Correlation Sequence for OFDM Systems", *Wireless Personal Communications*, pp.331-3312, 10/2017, Published By Springer.(**SCI, IF = 0.951**)

9. Prashant Ranjan, and **V. S. Tripathi**, "A Compact Triple Band Microwave Filter Using Symmetrically Placed Stub Loaded Open-loop Resonators", *International Journal of Electronics Letters*, pp.1-12, 09/2017, Published By Taylor & Francis.(**Scopus**)

10. Gaurav Upadhyay and **Vijay Shanker Tripathi**, "PIN-Diode Based Switchable Multi-band Dual Feed Microstrip Patch Antenna", *Microwave and Optical Technology Letters*, pp.1454{146, 03/2017, Published By Wiley Publication.(**SCI, IF = 0.731**)

11. Nand Kishore, Arun Prakash, and **Vijay Shanker Tripathi**,"A reconfigurable ultra wide band antenna with defected ground structure for ITS application", *AEU-International Journal of Electronics and Communications, Elseveier Publication*, pp.210-215, 02/2017, (***SCI, IF = 2.115***)

12. Nand Kishore, Arun Prakash, and **V. S. Tripathi**, "A Multiband Microstrip Patch Antenna with Defected Ground Structure for ITS Applications", *Microwave and Optical Technology Letters, Wiley Publication*, pp.2814 -2818, 12/2016, (**SCI, IF = 0.545**)

13. S. Jain, **V. S. Tripathi** and S. Tiwari, "Bandwidth Allocation Based on Traffic Load and Interference in IEEE 802.16 Mesh Networks", *Journal of Engineering*, pp.1-7, 03/2013, Published By Hindwai Publishing Corporation.(**SCI**)

14. Indrasen Singh, **V. S. Tripathi** and Sudarshan Tiwari, "Development of Microstrip Patch Antenna Design for Medical Application: A Survey", *Journal of Electronic Design Technology*, pp.1-9, 12/2012.

15. S. Jain, **V. S. Tripathi** and S. Tiwari, "Delay-aware Load Balanced Routing Protocol for IEEE 802.16 Wireless Mesh Networks", *IJCSI International Journal of Computer Science*, pp.421-430, 11/2012, Published By IJCSI.

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18. V.K. Dwivedi, S. Tripathi, **V.S. Tripathi**, R. Tripathi and S. Tiwari,"Use of Tree Based Interleaver in RS Turbo code for PAPR", *Journal of Telecommunication*, pp.50-54, 06/2010,

19. A. K. Arela and **V. S. Tripathi**, "Fast JSPA -CAQA Scheduling Based on Average Channel Information in Multiuser OFDM", *Journal of Telecommunications*, UK, pp.110-114, 06/2010.

20. Vikky Lakhmani, Manoj Gupta, **V. S. Tripathi** and Nusrat Ali, "DDR3 Controller as a Interface Between AXI Protocol Based Design and DDR3 Memory", *International J. of Recent Trends in Engineering and Technology*, pp.115-119, 05/2010.

21. **V. S. Tripathi** and S. Tiwari, "Analytical modeling and Simulation of a new switching fabric", *International Journal of Computer Sciences and Engineering Systems (IJCSES)*, pp.117-123, 04/2010.

22. **V. S. Tripathi** and S. Tiwari,"A Fault-tolerant Switch for Next Generation Computer Networks", *International Journal on Recent Trends in Engineering (IJRTE)*, pp.60-64, 02/2010, Published By BEIESP.

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1. **V.S. Tripathi** and S. Tiwari,"Banyan-Based switching fabrics for next generation Networks", *The IUP journal of Telecommunication*, vol.2, Issue 2, pp.50-82, 05/2010.

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1. Gaurav Upadhyay, Nand Kishore, Prashant Ranjan, and **V. S. Tripathi**, "Microstrip Patch Antenna for 24 GHz Application Using Slotted Ground Structure", *Radio and Wireless Symposium (RWW2018)*, USA, pp.1-4, 01/2018, Published By IEEE.

2. Prashant Ranjan, Gaurav Upadhyay, Nand Kishore, **V. S. Tripathi**, S. Tripathi, "Triple Band Microwave Filter Using Stepped Impedance Line (SIL) and Stub Loaded Resonator with Five Transmission Zeroes", *IMaRC 2017, Ahemdabad, India*, pp.1-3, 12/2017, Published By IEEE.

3. Prashant Ranjan, Gaurav Upadhyay, Nand Kishore, **V. S. Tripathi**, V. K. Dwivedi, "UWB Filter with Controllable Notch Band and Higher Stop Band Transmission Zero Using Open Stub in Inverted T-Shaped Resonator", *Asia Pacific Microwave Conference - 2017, Kualalumpur, Malaysia*, pp.817-820, 11/2017, Published By IEEE.

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8. Prashant Ranjan, Nand Kishore, Indrasen Singh and **V. S. Tripathi**, "Inverted Z And Circular Slot Patch Antenna For Wide Band Applications", *International Conference on Emerging Trends in Engineering (ICETE-2012), Karnataka, India*, pp.6, 05/2012.

9. Nand Kishore, Prashant Ranjan, Indrasen Singh, and **V S Tripathi**, "Right Angled Isoceles Triganular Ring Patch Antenna With Different Feeding Techniques", *International Conference on Innovations and Advancements in Information and Communication Technology (ICIAICT 2012), Gr.Noida, India*, pp.7, 03/2012.

10. Indrasen Singh, Sangam Kumar Singh, Sanjeev Jain, **V. S. Tripathi** and Sudarshan Tiwari, "Design and Analysis of Rectangular Microstrip Patch Antenna For E-Band Applications", *International Conference on Microwaves, antenna Propagation and Remote sensing (ICMARS-2011), Jodhpur, India*, pp.4, 12/2011.

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12. Shivesh Tripathi, Dharmendra K.Jhariya, **V.S.Tripathi**, Basant Kumar, "Applying Telecommunication Technology to support National Rural Health Mission(NHRM)", *6th International Conference of the Telemedicine Society of India (Telemedicon'10), Orissa, India*, pp.3, 11/2010.

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15. V. K. Dwivedi, **V.S. Tripathi**, R. Tripathi, S. Tiwari, "90 nm CMOS Variable Envelope Detector Based Polar Transmitter for OFDM System", *Proceeding of International Joint Conference on Information and Communication Technology (IJCICT-2010),, Orissa, India*, pp.5, 01/2010.

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Parallel and Distributed Systems, (IEEE-ICPADS'06), India, pp.5, 07/2006, Published By IEEE.

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21. **V. S. Tripathi** and S. Tiwari, "Performance Evaluation of a Modified-cyclic-banyan based ATM/IP Switching Fabric", *International conference on Distributed Computing and Internet Technology, ICDCIT'04, Orissa, India*, pp.5, 12/2004.

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2. Nand Kishore, Prashant Ranjan, Indrasen Singh and **V. S. Tripathi**, "Comparison Between Triangular and Rectangular Stepped Dielectric Resonator Antenna", *National Conference on Advances in Computer Communication and Embedded Systems (ACCES-2012), MMMEC, Gorakhpur, India*, pp.4, 04/2012.

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