

SUBODH KUMAR TRIPATHI (Electronics and Communication Engg.)

Soft Skills : CST, HFSS, IE3D, MATLAB Softwares

Specialization

M.Tech: Communication Engineering

Ph.D: Electronics and Communication (Pursuing)

Area of Interest

Research Microwave Engineering, Antenna Theory and Design, Communication Engineering

Participated - In Specialized Training / Certified Courses:

1. Training on UI Path.
2. Short Term Course on 5G Communication

Publication - Books / Chapters / Papers / Articles / Blogs:

1. Subodh Kumar Tripathi et.al, "Dual Resonant Aperture Coupled Microstrip Antenna", International Conference on Network and Computer Science (ICNCS-2011) held in Chennai, proceedings published in IEEE explore.
2. Subodh Kumar Tripathi et. al, "Analysis of aperture coupled microstrip antenna", Published in International Conference on Advanced in Electrical & Electronics Engineering (IAEEEE-2011) held in Moradabad (U.P.)
3. Subodh Kumar Tripathi et. al, "E-Shaped Slotted Microstrip Antenna with Enhanced Gain for Wireless Communication" Published in International Journal of Engineering Trends and Technology, ISSN: 2231-5381, UGC Listed Journal , July -Aug. 2011.
4. Subodh Kumar Tripathi et. al, A New Multi-Resonant Frequency Microstrip Antenna with U- Shaped Patch for Wireless Communication, published in International Journal of Computational Engg. & Management, ISSN: 2230-7893, UGC Listed Journal-44768, Jan 2012.
5. Subodh Kumar Tripathi et. al, " Design of Microstrip square-patch antenna for improved bandwidth and directive gain" Published in International Journal of Engineering Research and Applications (IJERA). ISSN: 2229-5518. March-April 2012.
6. Subodh Kumar Tripathi et. al, "H-Shaped Microstrip Antenna with dual E-slots for wireless Communication", Accepted in International Conference on Communications & Electronics (ICCE-2012), KIET Ghaziabad.
7. Subodh Kumar Tripathi et. al "Stepped Impedance Micro-strip Line Low Pass Filter for Microwave L-Band, National Conference on Trends in Signal Processing & Communication (TSPC'13), 12th–14th April 2013.
8. Subodh Kumar Tripathi et. al, "Design & Simulation of Microstrip Antenna for Cancer Diagnosis" International journal of scientific & engineering research, volume 4, issue 6, june 2013, ISSN 2229-5518.

9. Subodh Kumar Tripathi et. al, "Audio De-noising using Wavelet Transform" International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056, P ISSN: 2395-0072 Volume: 03 Issue: 07 , July-2016.
10. Subodh Kumar Tripathi et. al, " Wireless Sensor Network " DST sponsored International Conference on Advancement in Energy Drive and Control (ICAEDC-2017), April 7-8, (2017).
11. Subodh Kumar Tripathi et.al," Ultra wide band dual stacked microstrip antenna with narrow slits" Advance Computing Conference (IACC), 2013 IEEE 3rd International, (Published in IEEE Explore) Gzb, India, 22-23 Feb. 2013, ISBN: 978-1-4673-4529-3, DOI: 10.1109/IAdCC.2013.6514288.
12. Subodh Kumar Tripathi et. al "Ultra Wideband Microstrip Antenna in Wireless Communication, National Conference (COTI- 2014) Held at AIT, Lucknow, 22nd Feb 2014.\
13. Subodh Kumar Tripathi et.al, " High Gain Highly Directive Graphene Based Terahertz Antenna For Wireless Communication", published in journal of communication engineering and systems, Vol. 6, NO. 4, Aug.-Oct 2017 Issue, ISSN No. 2277-5102, UGC Journal No. 6351. (UGC and ICI Listed Journal).
14. Subodh Kumar Tripathi et. al, "Graphene Based Tunable and Wideband Terahertz Antenna for Wireless Network Communication, Wireless Journal, ISSN: 1022-0038 (Print) 1572-8196 (Online), Springer Publications " , Published on Jan. 2019. (SCI Indexed International Journal, Impact Factor 2.41).
15. Subodh Kumar Tripathi et. al, " High Gain Miniaturized Photonic Band Gap Terahertz Antenna for Size Limited Applications", Australian Journal of Electrical and Electronics Engineering, Taylor and Francis Publications, ISSN: 1448-837X (Print) 2205-362X (Online), April, 2019. DOI: 10.1080/1448837X.2019.1602944. (Scopus Indexed International Journal).
16. Subodh Kumar Tripathi et. al, "Performance Comparison of Graphene Terahertz Antenna and Copper Terahertz Antenna", 5th International Conference on Computational Intelligence and Communication Technology (CICT-2019), 22-23 Feb, 2019, Publication in Springer Book Series chapter on "Advances in Intelligent Systems and Computing". (Indexed in Scopus and ISI Proceedings).
17. Subodh Kumar Tripathi et. al, " Small Size Inset Fed Microstrip Terahertz Antenna for Wireless Network Communication " Published in international journal of modern electronics and communication engineering, Volume No.-7, Issue No.-1, January, 2019, PP-33-39, (UGC Listed Journal, ISSN: 2321-2152, Impact Factor: 1.517).