Faculty Profile

Name   : Dr. Swati Malik

Designation   : Assistant Professor

Qualifications   : B.Tech., M.Tech., Ph.D.
Phone   : 9643522991

Email   : swatimalik@msit.in
Area of Interest/Specialization: Digital Communication

Experience   : 11 years

Key Publications

1. Swati Malik, "Real-time Sentiment Analysis with Tweepy", International Journal of Latest Engineering and Management Research, 7(12), pp. 41-46, 2022.

2. Swati Malik, "Design and Implementation of Unmanned Ultrasonic Ground Vehicle for Surveillance", International Journal of Research and Analytical Reviews, vol.8, issue 4, pp.151-156, 2021.

3. Swati Malik, "FPGA Implementation of Modified Booth Multiplier for High Speed Applications", MSIT Journal of Research- SATYAM, vol.8, pp.31-38, 2020.

4. Swati Malik & Anupama A Deshpande, "An Investigation Of Partial Transmit Sequence (PTS) Peak-To-Average Power Ratio (PAPR) Reduction With Optimized Side Information Using MIMO-OFDM", Journal of Critical Reviews, vol.7(14), pp.3393-3404, 2020.

5. Swati Malik & Anupama A Deshpande, "PTS PAPR Reduction with Optimized Side

6. Information Using MIMO-OFDM", Journal of Advanced Research in Dynamical & Control Systems, Vol 12, no.7, pp.325-336, 2020.

7. Swati Malik, "FPGA Design Implementation of AES and RSA for Information Security", International Journal of Electrical, Electronics & Computer Science Engineering, vol.6(6), pp.1-4, 2019.

8. Swati Malik & Sangeeta Dhall , "Implementation of MAC Unit using Booth Multiplier & Ripple Carry Adder", International Journal of Applied Engineering Research, vol.7(11), pp.358-363, 2012.

9. Swati Malik & Sangeeta Dhall , "Implementation of MAC Unit using Booth Multiplier & Carry Save Adder", 6th International Conference on Advanced Computing & Communication Technologies, 2012.

Patent/Copyright

1. Swati Malik et. Al., published a patent titled "Aluminium Louver" (Patent Status: Published, Patent filed on 27/06/2021, Published on 29/09/2023, Patent No.: 345382-001).

Memberships of Professional bodies

1. VIBHA