

LIST OF PUBLICATION

Accepted for Publication(Scopus)

1. **Satyendra Kumar Swarnkar¹**, Balveer Singh², Zakir Ali³ “*Irregular Hexagonal Microstrip Patch Antenna for Wi-Fi and small Range Satellite Application*”, ACCEPTED for Book title Wireless Technologies:Advances and Application for IOT devices”,NOVA Publication USA.

Publications Scopus

2. Priti Verma¹, **Satyendra Kumar Swarnkar²** & Zakir Ali³ , “*Diamond Shape Microstrip Patch Antenna For Broad Band Application*”, JOURNAL OF HARBIN INSTITUTE OF TECHNOLOGY Vol. 54 Iss. 5 2022, ISSN: 0367-6234,PP-44-50
3. Anupam Vyas¹, PK Singhal²,**Satyendra Swarnkar³** “*performance analysis of a truncated top U-slot triangular shape msa for broadbandApplications*”, Proceedings of SoCTA 2017 in Book :Soft Computing: Theory and Application, January 2019 PP-443-451.

Referred journals (UGC Listed)

4. **Satyendra Kumar Swarnkar¹**, Dr.Anand kumar Tripathi²,Dr.Zakir Ali³ “*Design of irregular Diamond Shape Microstrip Patch Antenna with U slot to Enhance bandwidth for S band applications*”, IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 6 Issue 5, May 2019, ISSN (Online) 2348 – 7968,PP-187-192.
5. **Satyendra Kumar Swarnkar¹**, Dr.Anand kumar Tripathi²,Dr.Zakir Ali³ “*Design of Irregular M Shape Microstrip Patch Antenna with U Slots For Broadband and C Band Applications*”, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 14, Issue 3, Ser. I (May.-June. 2019), PP 40-48.
6. Jeetendra Rai¹, **Satyendra swarnkar²**,Dr.DC Dhubkariya³ “*T Shape Eccentric Slot Stacked Microstrip Antenna for UMTS*”, Anusandhan-AISECT University Journal Vol III/Issue V March 2014, ISSN: 2278-4187,PP-1-5.
7. Mirdul Tripathi¹, **Satyendra Swarnkar²**, “*Improvement of Bandwidth of rectangular patch antenna at frequency 2.3GHz*”, IJERGS - International Journal of Engineering Research and General Science Volume 3, Issue 3, May-June, 2015,ISSN 2091-2730,PP-1187-1191.
8. **Satyendra Kumar Swarnkar¹**, Jeetendra Rai²,Dr.DC Dhubkaryya³ “*Broadband Rectangular Ring Slot Microstrip Antenna with High Return Loss and Also Compare with Rectangular*

Msa”, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) ISSN: 2278-2834, ISBN: 2278-8735. Volume 3, Issue 4 (Sep-Oct. 2012), PP 12-14.

9. Maneesh Rajput¹, **Satyendra Swarnkar**², “ *Design & Analysis of Hexagonal Patch Antenna at 1.8GHz for L-Band*”, IJEMR - International Journal of Engineering and Management Research, Volume-4, Issue-3, June-2014, ISSN No.: 2250-0758,PP-297-302.
10. Maneesh Rajput¹, **Satyendra Swarnkar**², “ *ENHANCEMENT BANDWIDTH & GAIN OF HEXAGONAL PATCH ANTENNA AT 1.8 GHz*”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 3 Issue 6, June 2014, ISSN: 2278 – 1323 ,PP-2100-2105.
11. **Satyendra Kumar Swarnkar**¹, Dr.Somesh Bhambhi²,Dr.Zakir Ali³ “*Enhance Bandwidth of Microstrip Antenna using Slotting Technique, for C Band application*”, IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 8 Issue 9, September 2021, ISSN (Online) 2348 – 7968,PP-307-313.
12. Jaanishar Akhtar Khan ¹, **Satyendra Swarnkar**², “ *Irregular Pentagonal Patch Antenna For L Band Application*”, International Research Journal of Engineering and Technology (IRJET) Volume: 03 Issue: 03 | Mar-2016, e-ISSN: 2395 -0056,PP-1042-1047.
13. Swati Budholiya¹, **Satyendra Swarnkar**², Ankit Shrivastava³, Kaushal Prasad⁴, “ *An Ultra High Bandwidth Microstrip Antenna for Upper L-Band and Lower S-Band Applications*”, International Journal on Future Revolution in Computer Science & Communication Engineering IJFRCSC, Volume: 4 Issue: 3 Mar-2018, ISSN: 2454-4248,PP-261-263.
14. Aakanksha R.B. Agarwal¹, **Satyendra Swarnkar**², , “ *ENHANCEMENT BANDWIDTH & GAIN OF DIAMOND SHAPE PATCH ANTENNA at 1.6 GHz*”, IJRCEMAS VOLUME3, ISSUE 9 SEPTEMBER-2016, ISSN NO: 2394-5036,PP-31-39.

National Conference

15. **Satyendra Kumar Swarnkar**¹, Dr.Anand kumar Tripathi²,Dr.Zakir Ali³“*Comparison of U Slotted Microstrip Antennas For C Band And S Band Wireless Application*”, Proceedings of National Conference on Recent Innovations in Science, Engineering and Technology, 16th October, 2020, Nashik, India