

# CURRICULAM VITAE



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## Qualification:

Ph.D. (Electronics & Communication) From PK University Shivpuri MP Year of award February 2023.

M.Tech.(Digital Communication) from BIET Jhansi (AKTU Lucknow) in 2010 .

B.E. (Electronics) from North Maharashtra University Jalgaon in 1998.

## Publications:

### Accepted for Publication (Scopus)

1. **Satyendra Kumar Swarnkar**<sup>1</sup>, Balveer Singh<sup>2</sup>, Zakir Ali<sup>3</sup> “*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 Verma<sup>1</sup>, **Satyendra Kumar Swarnkar**<sup>2</sup> & Zakir Ali<sup>3</sup> , “*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 Vyas<sup>1</sup>, PK Singhal<sup>2</sup>,**Satyendra Swarnkar**<sup>3</sup> “*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

4. **Satyendra Kumar Swarnkar**<sup>1</sup>, Dr.Anand kumar Tripathi<sup>2</sup>,Dr.Zakir Ali<sup>3</sup> “*Design of irregular Diamond Shape Microstrip Patch Antenna with U slot to Enhance bandwidth for S band applications*”, IJSET - International Journal of Innovative Science, Engineering & Technology, Vol. 6 Issue 5, May 2019, ISSN (Online) 2348 – 7968,PP-187-192.
5. **Satyendra Kumar Swarnkar**<sup>1</sup>, Dr.Anand kumar Tripathi<sup>2</sup>,Dr.Zakir Ali<sup>3</sup> “*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 Rai<sup>1</sup>, **Satyendra swarnkar**<sup>2</sup>,Dr.DC Dhubkariya<sup>3</sup> “*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 Tripathi<sup>1</sup>, **Satyendra Swarnkar**<sup>2</sup>, “*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 Swarnkar**<sup>1</sup>, Jeetendra Rai<sup>2</sup>,Dr.DC Dhubkarya<sup>3</sup> “*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 Rajput<sup>1</sup>, **Satyendra Swarnkar**<sup>2</sup>, “*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 Rajput<sup>1</sup>, **Satyendra Swarnkar**<sup>2</sup>, “*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**<sup>1</sup>, Dr.Somesh Bhambhi<sup>2</sup>,Dr.Zakir Ali<sup>3</sup> “*Enhance Bandwidth of Microstrip Antenna using Slotting Technique, for C Band application*”, IJSET - International Journal of Innovative Science, Engineering & Technology, Vol. 8 Issue 9, September 2021, ISSN (Online) 2348 – 7968,PP-307-313.
12. Jaanishar Akhtar Khan <sup>1</sup>, **Satyendra Swarnkar**<sup>2</sup>, “*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 Budholiya<sup>1</sup>, **Satyendra Swarnkar**<sup>2</sup>, Ankit Shrivastava<sup>3</sup>, Kaushal Prasad<sup>4</sup>, “ *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 IJFRCSCCE, Volume: 4 Issue: 3 Mar-2018, ISSN: 2454-4248,PP-261-263.

14. Aakanksha R.B. Agarwal<sup>1</sup>, **Satyendra Swarnkar**<sup>2</sup>, , “ *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**<sup>1</sup>, Dr.Anand kumar Tripathi<sup>2</sup>,Dr.Zakir Ali<sup>3</sup>“*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

### **Academic Experience:**

Worked as an Assistant Professor in SR Group of Institutions, Jhansi (Department of Electronics & communication) since March 2010 to august 2022.

Worked as a Lecturer in SR Group of Institutions, Jhansi since august 2008 to July 2009.

Teaching in Govt.Polytechnic, Mahoba (U.P) in session 2003-04.

Teaching in Gov't Polytechnic Banda (U.P.) in session 2002-2003.

### **Industrial Experience:**

As an Engineer precision electronics Noida (U.P.) since Jan.2002 to June 2002 Job includes multilayer PCB designing.

As an Engineer in Hot Line Company Ltd Noida since March 2000 to Dec 2001 Job includes QC and QA of different type picture tubes.

As an Engineer in Ptron Communication Pvt. Ltd., Jhansi, since 17th July 1998 to 21sJanuary 2000. Job Including - Installation/Servicing of all ranges EPABX.

## **Personal Profile:**

Fathers Name: A. R. Swarnkar  
Date of Birth: 16 Dec 1973  
Nationality: Indian  
Marital Status: Married

Date:...

Place:...Jhansi

(Satyendra Kumar Swarnkar)