

Resume

Shrawan Kumar Patel

Assistant Professor

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Educational Qualification:

- **M.E.** (Electronics and Tele-Communication Engineering)
(Percent - 84.45%)
Specialization: Electronics & Tele Communication Engineering
Institute: SGSITS, Indore M.P. (June, 2009)
- **B.E.** (Electronics and Tele-Communication Engineering)
(CPI - 8.26/10)
Specialization: Electronics & Tele Communication Engineering
Institute: GEC, Bilaspur C.G. (June, 2007)
- **12th Standard** (HSSC)
(Percent - 83 %)
Subjects: Physics, Chemistry, Mathematics, Hindi, English
Board: CGBSE, Raipur C.G. (May, 2003)
- **10th Standard** (HSC)
(Percent - 80 %)
Subjects: Hindi, English, Maths, Science, So. Science, Sanskrit
Board: CGBSE, Raipur C.G. (May, 2001)

Work Experience:

- **Designation:** Assistant Professor (Since Sep, 2011 to Till Date)
Organization: Institute of Technology, GGV, Bilaspur (CG), INDIA
- **Designation:** Junior Telecom Officer (Since Apr, 2010 to Aug, 2011)
Organization: Bharat Sanchar Nigam Limited, INDIA
- **Designation:** Senior Lecturer (Since Sep, 2009 to Mar, 2010)
Organization: Lakhmi Chand Institute of Technology, Bilaspur, INDIA

List of Publications:

UGC CARE-List:

1. Anil Kumar Soni, **Shrawan Kumar Patel**, and Ranjeet Kumar, "Development of image fusion methodology for image enhancement of sub-surface defect in eddy current non-destructive testing", Defects and Diffusion Forum, 2019. (In Press) (Scopus Indexed).

UGC Listed Journals:

1. **Shrawan Kumar Patel**, "Parameter Improvement of MPA using Square Shape Reflector for S-Band Wireless Application", International Journal of Technical Innovation in Modern Engineering & Science, vol. 05, issue 05, pp. 1045-1047, May 2019.
2. **Shrawan Kumar Patel**, "Performance Enhancement of Microstrip Patch Antenna Using EBG Structures for Wireless Applications", International Journal of Technical Innovation in Modern Engineering & Science, vol. 04, issue 05, pp. 1267-1271, May 2018.

3. **Shrawan Kumar Patel**, "An E-Shaped Microstrip Patch Antenna for IEEE 802.11a High Speed Wireless LAN Application", International Journal of Advanced Research in Electronics and Communication Engineering, vol. 06, issue 12, pp. 1320-1322, Dec 2017.
4. **Shrawan Kumar Patel**, and Ganesh Prasad Shukla "Bandwidth Enhancement of an E-Shaped Antenna for WLAN Application", International Journal of Electrical Electronics & Computer Science Engineering, vol. 04, issue 06, pp. 88-90, Dec 2017.
5. **Shrawan Kumar Patel**, Upendra Kumar Agrawal, and Nawin Sharma" Recognition of Face on Different Facial Expressions", International Journal of Advanced and Innovative Research, vol. 05, issue 07, pp. 231-233, July 2016.
6. **Shrawan Kumar Patel**, "Enhancement of Directional Parameter of a Microstrip Patch Antenna resonating at 2.4 GHz", INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH, vol. 02, issue 04, pp. 111-114, April 2015.
7. **Shrawan Kumar Patel**, "Improvement in Efficiency Parameter of a Microstrip Patch Antenna operating at 2.4 GHz for WLAN", IOSR Journal of Electronics and Communication Engineering, vol. 01, pp. 01-06, April 2015.
8. **Shrawan Kumar Patel**, and Ramkrishna Dewangan "Design of RF CMOS Gilbert Cell Mixer at 30MHz using 0.12 μ m Technology", International Journal of Advances in Electronics Engineering, vol. 02, issue 02, pp. 120-124, March 2012.

Courses Attended:

1. A Refresher course on "Recent Advances in Emerging Areas of Engineering, Technical Education & Research" at Human Resource Development Centre, **Guru Ghasidas Vishwavidyalaya, Bilaspur CG** in June 2019. (24-06-2018 to 06-07-2019)
2. A Refresher course on "Research Methodology" at Human Resource Development Centre, **Guru Ghasidas Vishwavidyalaya, Bilaspur CG** in June 2018. (16-06-2018 to 06-07-2018)
3. A Refresher course on "Advances in Engineering & Technology" at Human Resource Development Centre, **Guru Ghasidas Vishwavidyalaya, Bilaspur CG** in June 2017. (05-06-2017 to 24-06-2017)
4. An Orientation Program at Human Resource Development Centre, **Guru Ghasidas Vishwavidyalaya, Bilaspur CG** in May 2017. (01-05-2017 to 29-05-2017)
5. AICTE sponsored STC on "Design of Microwave Antennas & Passive Components", at **Indian Institute of Technology (BHU), Varanasi** in Dec 2016. (19.12.2016 to 24.12.2016)
6. A CEP "Summer Faculty Research Fellowship" Programme at **Indian Institute of Technology, Delhi** in May 2016. (23.05.2016 to 08.07.2016)
7. An STC on "Design and Simulation of Antennas & Microwave Devices", at **National Institute of Technology, Rourkela** in June 2015 (03.06.2015 to 10.06.2015).
8. AICTE sponsored STC on "Fundamentals and Applications of Metamaterials", at **Indian Institute of Technology, Kanpur** in April 2015 (06.04.2015 to 10.04.2015).
9. A DeITY, MCIT sponsored STTP on "Wireless Sensor Networks: Secure Data Aggregation and Related Issues (WSN-SDARI)" at **SV National Institute of Technology, Surat** in July 2014 (14.07.2014 to 18.07.2014).
10. A Summer School on "Wireless Networks: Research Issues and Applications" at **National Institute of Technology, Rourkela** in May 2014 (19.05.2014 to 23.05.2014).

Course Taught:

- Electromagnetic Theory
- Automatic Control System
- Signal and System
- Optical Communication
- Microwave Engineering
- Electronic Devices & Circuits

Corporate Activities:

Department Level:

- **Examination In charge:** July 2012 to July 2014 & July 2019 to till date.
- **Alumni Cell In charge:** From July 2016 to June 2019
- **Training & Placement Cell In charge:** From July 2016 to June 2019
- **NIRF/NAAC/ AQAR In charge:** From July 2016 to June 2019
- **Student Mentor:** July 2012-July 2013, July 2015-June 2016, July 2019 to till date

Institute Level:

- **Assistant Exam Superintendent,** Semester Exam Session 2019-20 at ITGGV
- **Coordinator,** Document Verification Committee for B. Tech First Year Admission (2019-20)
- **Co-ordinator,** JoSSA/CSAB/ Local Counseling for B. Tech First Year Admission (2018-19)
- **Co-ordinator,** Student Tech-Fest (Equilibrio 2K19) Session 2018-19

University Level:


- **Member,** Criteria-II preparation of NAAC-2019
- **Member,** CCTV Installation & Monitoring Committee
- **Warden,** Type-IV Boys Hostel, GGV Bilaspur (since Aug. 2012 to Oct. 2016)

Areas of Interest:

- Electromagnetics
- Microwave Antennas
 - Microstrip Patch Antenna
 - Dielectric Resonator Antenna

Scholastic Achievements:

- UGC-NET Qualified in Electronic Sciences in June-2019
- GATE Qualified (Gate 2007, 2011 in Electronics Engineering)
- Received MHRD Scholarship in Master in Engineering
- Received Scholarship during Bachelor of Engineering



(SHRAWAN KUMAR PATEL)