

CURRICULUM VITAE



Shailesh Kumar

Email: kushail183@gmail.com

C/o Santosh kumar

LRA-31 Argora housing colony Ranchi Jharkhand 834002

Mo. - +919875175318, 7209598903

EDUCATIONAL QUALIFICATIONS

Courses	Branch	University	College	Year of Passing	Marks (%)
Master of Technology (M. Tech.)	Digital Communication	Rajasthan Technical University, Kota	SIET, Sikar	2015	70%
Bachelor of Technology (B.Tech.)	Electronics Communication and Engineering	Bhagwant University, Ajmer	IET, Ajmer	2012	71%

WORK EXPERIENCE

Institute	Position	From	To
Shekhawati Institute of Engineering and Technology, Sikar	Assistant Professor	Oct 2012	Sept. 2019

Institute	Position	From	To
Shekhawati Institute of Engineering and Technology, Sikar	Marketing Head (Admission work out in Jharkhand, Bihar, Up, Delhi)	July 2013	Sept. 2019
Sobhasaria Institute of Engineering and Technology, Sikar	Marketing Head (Admission work out in Jharkhand, Bihar, Up, Delhi)	Nov 2019	Dec 2020

DISSERTATION AND SEMINAR DURING M.TECH

Under, the Guidance of Mr. Gajanand Jagrawal Assistant Professor, department of Electronics and Communication Engineering, SIET, Sikar.

Dissertation Topic – “Design and Fabrication of Different Shaped Coaxial Feed Patch Antennas and Comparison between HFSS and IE3D With the Aid of L–Shaped patch Antenna”

Description:

In the dissertation, three E-shaped, L-shaped and U-shaped patch antennas have been designed with feeding techniques namely as coaxial feed, microstrip line feed and aperture coupled feed. Parametric study of all the proposed antennas has also been presented. All these antennas have been simulated by using the **Ansoft’s High Frequency Structure Simulator (HFSS)**. The Coaxial feed and Microstrip line feed E-shaped antennas have been designed for WLAN applications within in 5-6GHz frequency band. The FR4 having dielectric constant of 4.4 and loss tangent of 0.004 has been used as substrate of the antenna.

The 5.725-5.85GHz frequency band was selected because this band provides higher speed data rate around more than 50Mbps without interference. The antenna is designed for wireless application **like WLAN and WiMaX**. Ansoft’s HFSS software tool is used to implement and simulate the designs of the microstrip patch antennas.

SEMINAR TOPIC

“Design and Simulation of Microstrip Patch Antenna”

PUBLICATIONS And CONFERENCES

- Shailesh Kumar and Ashok Kumar **“Design & Simulation of 8–Shaped Coaxial Feed Patch Antenna,”** *International Journal of Current Engineering and Technology Publication* Year: Accepted 09 June 2016, Vol.6, No.3 (June 2016).
- Shailesh Kumar and Ashwanee Kumar Singh, **“Design and Simulation of Square Shape Fractal Antenna”** *International Journal of Current Engineering and Technology Publication* Year: Accepted 10 May 2014, Vol.4, No.3 (June 2014)
- Nitin Halkara, Ashish Verma and Shailesh Kumar, **“Design & Simulation of I–Shaped Coaxial Feed Patch Antenna,”** *International Journal of Current Engineering and Technology Publication* Year: Accepted 15 April 2017 , Vol.7, No.2 (April 2017)
- **Shailesh Kumar, Gajanand Jagrawal and Deepak Billore “E Shaped Coaxial Feed Microstrip Patch Antenna for WLAN and WIMAX Applications,”** *International Journal of Current Engineering and Technology Publication* Year: Accepted 20 March 2015, Available online 29 March 2015, **Vol.5, No.2 (April 2015)**
- Umesh Kumar Sain, Shailesh Kumar and Nitin Halkara **“Printed Modified Circular Disc UWB Monopole Antenna”**, *International Journal of Current Engineering and Technology*, Vol.8, No. 2, April 2018
- Shailesh Kumar, **“Design & Simulation of S–Shaped Coaxial Feed Patch Antenna,”** *International conference on Recent advance and challenges in Engineering Technology and management* Publication Year: Accepted 10 feb2018).

Thesis as Guide

Thesis Topic	Submitted By	Year
“ Study and design of various types of microstrip patch antenna using coaxial and CPW feeding”	Umesh kumar Sain at Department of Electronics and communication Shekhawati group of intuition sikar Rajasthan RTU,Kota	May 2018

Thesis as Co-Guide

Thesis Topic	Submitted By	Year
Design and simulation of Different Shaped Slot Coaxial feed patch antenna for Wimax and Gunnplexer.	Nitin Halkara at Department of Electronics and communication Mahakal Institute of Technology Ujjan MP.	2017
Design, Simulation and Comparison of Different Coaxial fed patch antenna using DGS Broadband technique	Deepak bilore at Department of Electronics and communication Mahakal Institute of Technology Ujjan MP.	2016

PROJECT AND SUMMER TRAINING DURING B.Tech.

PROJECT

Major Project: MOBILE ELECTRONICS WPEK BEANCH

Minor Project : MOBILE BUG

SEMINAR:

Major seminar: Working of 3G

Minor Seminar: USB 800

SUMMER TRAINING

Company /Organization	Country	Period
Industrial training in BSNL, RANCHI JUNE 2010	India	JUNE 2010
Industrial training in USHA MARTINE RANCHI		JUNE-JULY 2011

COMPUTER FAMILIARITY

System Programming : Basic C, HFSS.V.11.1

Application Software : MS-Office, Power point Excel. Design poster and video for Admission Ad (App & Software)

PERSONAL INFORMATION

Date of Birth : 13th Nov, 1988

Father's Name : Mr. Sukhnandan pandey

Mother's Name : Mrs. Kalawati devi

Marital Status : Un-Married

Languages Known : English and Hindi

I hereby declare that the above particulars are true to the best of my knowledge and belief.

(Shailesh Kumar)