

# CURRICULUM VITAE

## SILKY KHURANA

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PUNJAB

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## Objective:

To be a source of strength, dedication and aspiring for a position to utilize my skills and abilities that offers security and lead to professional growth while being resourceful, innovative and flexible.

## Personality Traits:

Comprehensive problem solving abilities with good written and verbal communication skills. Ability to deal with people diplomatically, willingness to learn and believe in team work.

## Qualifications:

- **M.Tech. (Regular) in Electronics & Comm. Engg.** from PTU Jalandhar, with aggregate marks 73%. Thesis work accomplished under the topic '**Design and Analysis of Linear Polarized Slotted Microstrip Patch Antenna**' using software High Frequency Structure Simulator (HFSS).
- **A.M.I.E. in Electronics & Comm. Engg.** from Institution of Engineers (India), Kolkata with First Division (69.93%) in the year 2008.
- **3 year Diploma in Electronics & Comm. Engg.** from Govt. Polytechnic College, Patiala with first division (75%) in the year 2004.
- **Matric** from PSEB, Mohali with first division (84%) in the year 2001.

## Professional Experience:

- Working as Assistant Professor with LKCE, Jalandhar from July 2014 till date.
- Worked as Assistant Professor with PIT, Kapurthala from Feb. 2014 to June 2014.
- Worked as Assistant Professor with DAVIET, Jalandhar from Jan. 2012 to May 2012.
- Worked as Assistant Professor with DAVIET, Jalandhar from Feb. 2010 to June 2010.
- Worked as Lecturer with Chitkara Institute of Engineering and Technology, Rajpura from Oct. 2008 to Jan. 2010.
- 4 years experience as ARC Coordinator with Channel Partner of Bharti Airtel Ltd. in Patiala from Aug. 2004 to Sept. 2008.

## **Projects Undertaken:**

### **M.Tech. Project:**

Wireless Car Documentation and Security System using GSM Modem.

### **A.M.I.E. Project:**

Density Based Traffic Light Controller using Microcontroller.

### **Diploma Projects:**

1. Microcontroller based Temperature sensor.
2. Emergency Light.

## **Short Term Courses attended:**

Sr.	Topic of STC	Conducted by
1	Antenna Design: New trends, techniques and applications	Thapar University, Patiala
2	Antenna Designing using HFSS	DAVIET, Jalandhar
3	Mobile Computing & Wireless Networks	NITTTR, Chandigarh

## **Publications:**

S.No.	Title of the Publication	International Journal	ISSN/ ISBN No.
1)	Linear Polarized Slot Loaded Triple Band MSA with Defected Ground Structures for Wi-MAX and WLAN.	IJECT	2230-9543 (print)
2)	Performance Enhancement of MIMO-OFDM System Using Hybrid Equalization Technique	IJETCR	ISSN: 2348 - 2117
3)	Error rate performance enhancement using hybrid equalization technique in MIMO-OFDM systems	IEEE International Conference on High Performance Computing and Applications (ICHPCA)	978-1-4799- 5957-0
4)	Energy Salvation Using Fusion Technique for Multi Focus Images in Visual Sensor Networks	IJECT	ISSN : 2230- 7109 (Online)   ISSN : 2230- 9543 (Print)
5)	To Increase the Lifetime by Using Grid Optimization and Energy Efficient Clustering Scheme in Wireless Sensor Network	IJWCNT	ISSN 2319 - 6629

## **Current Research:**

Presently I am working on Designing of Antenna for Wireless applications and bandwidth enhancement techniques.

## **Extra Contributions:**

- Project guide of various innovative projects under Problem based learning (PBL) Scheme at Chitkara Institute of Engineering and Technology.
- Successfully accomplished a training course on PCB Designing using OrCAD at Chitkara Institute of Engineering and Technology.
- Member of organizing committee of Cultural programs at DAVIET, Jalandhar.
- Member of organizing committee of International Conference – WECON at Chitkara Institute of Engineering and Technology, Rajpura.

## **Personal Profile:**

<b>Father's Name:</b>	Sh. Gulshan Kumar
<b>Gender:</b>	Female
<b>Date of Birth:</b>	27 Oct. 1985
<b>Nationality:</b>	Indian
<b>Language Proficiency:</b>	English, Punjabi, Hindi.
<b>Marital Status:</b>	Married

## **References:**

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|--|---|--|
| 1. Dr. Amandeep Singh<br>Assistant Professor,<br>ECE deptt.,<br>Punjabi University,<br>Patiala<br>PH- 9814357652 | 2. Er. Kuldeep Sharma,<br>Assistant Professor,<br>ECE deptt.,<br>RIET,<br>Phagwara.<br>PH-09501464443 | 3. Dr. Amandeep Singh<br>Associate Professor,<br>ECE deptt.,<br>LKCE,<br>Jalandhar,<br>PH-8427003023 |
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(Silky Khurana)