

## PEC Registration # TELECOM/4383



### Alamgir Safi

House # 421 c, street 02, Khayban-e-sir syed, Rawalpindi Pakistan

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#### Objective:

To work, learn and excel in a challenging and dynamic environment which promises to enhance my abilities.

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#### Education:

<ul style="list-style-type: none"> <li>▪ <b>PhD(Electronics Engineering)</b> Course work completed ISRA University Islamabad, Pakistan <b>CGPA: 3.78/4.0</b></li> </ul>	<b>In Progress</b>	<b>In Progress</b>
<ul style="list-style-type: none"> <li>▪ <b>MS(Electrical Communication Engineering)</b> Center for Advance Studies in Engineering (CASE) Islamabad, Pakistan <b>CGPA: 3.50/4.0</b></li> </ul>	<b>2012-2014</b>	<b>1<sup>st</sup> Division</b>
<ul style="list-style-type: none"> <li>▪ <b>BS (Telecommunication) Engineering</b> National university of computer and Emerging sciences (Nu-Fast), Pakistan <b>CGPA: 3.52/4.0 (Gold Medalist)</b></li> </ul>	<b>2008-2012</b>	<b>1<sup>st</sup> Division</b>
<ul style="list-style-type: none"> <li>▪ <b>F.Sc. (Pre-engineering)</b> The Mardan model school &amp; college Mardan <b>Percentage: 80 %</b></li> </ul>	<b>2006-2008</b>	<b>1<sup>st</sup> Division</b>
<ul style="list-style-type: none"> <li>▪ <b>Matriculation</b> New Beacon House School <b>Percentage: 80.52 %</b></li> </ul>	<b>2003-2005</b>	<b>1<sup>st</sup> Division</b>

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## Experience:

- Working as Assistant Professor (Electrical Engineering Department) with the additional charge of Head of the Electrical Engineering Department (HoD) at Center for Emerging Sciences Engineering and Technology (CESET)  
(April 1<sup>st</sup> 2016 till present)
- Worked with “Center for Emerging Sciences Engineering and Technology (CESET)” as a Lecturer  
(25<sup>th</sup> Feb 2014-31<sup>st</sup> March 2016)
- Worked as a Teacher Assistant (TA) at Graduate level at “Center for Advance studies in engineering (CASE)”  
(January 2014-June 2014)
- Worked with Egyptian Pakistani Telecommunication Services Company ( 1 year Experience)  
(July 2012- July 2013)

## List of Courses:

1. Wireless Communication
2. Digital Communication
3. Analog communication
4. Network Analysis
5. Industrial Electronics
6. Electronic Devices and Circuits.
7. Electronic Circuit Design
8. Data Communication and Networks
9. Linear Algebra
10. Differential Equations
11. Complex variables and transforms
12. Probability and random Processes
13. Numerical Methods
14. Satellite Communication
15. Mobile Communication

## BS Final Year Project:

“Real time objects tracking in the surveillance Area using neural network” The objective of this project is to track & detect objects of our interest in real time. This project is implemented using neural network. Neural network is inspired from human brain.

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MS Project: “High Data Rates through Narrow Band Wireless Networks”.

**Other Projects:**

- SDR Link Designing.
  - Automatic street light control.
  - Dark activated Circuit
  - Automotive Voltage regulator(used to Check the Level Of voltage)
  - FM Radio Transmitter
  - AM radio transmitter
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**Achievements & Co-curricular Experiences:**

- Got 6 Deans certificates(Honor certificates) from National University Fast for Excellent Achievements throughout the semesters
- Got a Gold Medal for 1st Position(SGPA 4.0) in 6<sup>th</sup> Semester (June 2011)
- Participated in Electronic circuit Exhibition Held at national university Fast(Feb 2009)
- Participated in Electronic Club Exhibition held at national university Fast(Jan 2012)

**Skills:**

- **Simulation Tools:** MATLAB, Microwave AWR Office, AutoCAD 2003, Circuit Maker, PSpice
  - **Programming Languages:** C and C++
  - **Miscellaneous:** Microsoft Office, Windows-XP/Vista/07.
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**Interests:**

- Wireless/Satellite Communication Networks
  - Electronic Communication Systems
  - Fiber optics communication
  - Circuit making and Designing
  - Data communications and networking
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**Personal Information:**

<b>Name:</b>	Alamgir Safi
<b>Father's Name:</b>	Amir Sultan Safi
<b>Date of Birth:</b>	28 <sup>th</sup> March, 1991
<b>Marital Status:</b>	Single
<b>Nationality:</b>	Pakistani
<b>NIC#:</b>	16101- 7294127- 7
<b>Religion:</b>	Islam
<b>Domicile:</b>	Mardan (Khyber Pakhtunkhwa)
<b>Language Command:</b>	English, Urdu & Pashto
<b>Hobbies:</b>	Rock Climbing, Hiking, Driving, Travelling, Circuit Designing etc.
<b>Email address:</b>	<a href="mailto:alamgir_safi@yahoo.com">alamgir_safi@yahoo.com</a>
<b>Cell phone #</b>	+92 334 9248211

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## **References:**

- 1) Dr. Ijaz Mansoor Qureshi ( AIR University Islamabad)  
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- 2) Dr. Shoaib A. Khan (Center for advance studies in Engineering CASE)  
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- 3) Dr. Messam Naqvi ( National Defense university)  
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