

ASHNA BATOOL

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Jaranwala Road, Tehsil and Dist. Faisalabad*



CAREER OBJECTIVE

To work in a challenging and competitive environment where I can practically apply and improve my skills acquired from my education and working experience, add value to the system and grow with the organization.

Personal Information

Father Name	<i>Muhammad Siddiq Akbar</i>
CNIC No.	33203-8981304-6
PEC No.	ELECT/66944
Date of Birth	24-07-1994
Gender	Female
Religion	Islam
Nationality	Pakistani
Marital Status	Married
Domicile	Jhang (Punjab)

Educational Background

Master of Science (Electrical Engineering) 2018-2021
3.50/4.00

National University of Computer and Emerging Sciences, Islamabad, Pakistan.

Course Studied in MS (Electrical Engineering)

1. Analog and Discrete Electronics	6. Applied Electromagnetics
2. Linear Systems	7. Power Electronics and Applications
3. Power system Modeling and Analysis	8. Advanced Control Systems
4. Research Methodology	9. Machine Learning
5. Advanced Wireless Communications	10. MS Thesis (I & II)

Thesis Topic:

“Human Activity Recognition By Using Deep Learning Algorithms”

Bachelor of Science in Electrical Engineering 2013-2017

3.28/4.00

COMSATS Institute of Information Technology, Wah Campus, Pakistan.

Course Studied in BS (Electrical Engineering)

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| 1. Engineering Drawing | 2. English Comprehension and composition |
| 3. Engineering Mechanics and Thermodynamics | 4. Calculus and Analytical Geometry |
| 5. Linear Algebra | 6. Applied Physics for Engineers |
| 7. Introduction to Computer Programming | 8. Electric Circuits Analysis I |
| 9. Digital Logic Design | 10. Introduction to Power Engineering |
| 11. Ordinary Differential Equations | 12. Object Oriented Programming |
| 13. Electric Circuits Analysis II | 14. Signals and Systems |
| 15. Electronics I | 16. Multivariable Calculus |
| 17. Electronics II | 18. Probability Methods in Engineering |
| 19. Electromagnetic Theory | 20. Electric Machines |
| 21. Electrical Measurements and Instrumentations | 22. Control Systems |
| 23. Microprocessor Systems and Interfacing | 24. Computer Organization |
| 25. Principles Of Communications Systems | 26. Numerical Computations |
| 27. Algorithms and Data structures | 28. Operating Systems Concepts |
| 29. Engineering Economics | 30. Data Communication and computer networks |
| 31. Digital Signal Processing | 32. Digital Image Processing |
| 33. Report Writing Skills | 34. Islamic Studies |
| 35. Entrepreneurship | 36. Neural Networks |
| 37. Pakistan Studies | 38. Project Planning and Management |
| 39. Final Year Project (I & II) | |

Project Topics:

1. *Heat Sensor*
2. *Speed Control of Motor by using Microcontroller*
3. *FM*
4. *FYP "Voice Controlled Robot"*

Intermediate F.Sc (Pre-Engineering) 2011-2013
77.91 %

Superior College For Girls, Peoples Colony No 1, Faisalabad (BISE Faisalabad).

Matric (Science) 2009-2011
80.76 %

Dare-e-Arqam Girls High School, 270-B, Peoples Colony No 1, (BISE Faisalabad).

Conferences & Workshops

- Seminar on “**Energy crises and Remedial Measures**” at FAST-National University of Computer & Emerging Sciences, CFD Campus.

November 09, 2018

Experience

- 01 year teaching experience as “**Instructor Electrical**” at **IMPERIAL INSTITUTE OF TECHNOLOGY**, Peoples Colony # 1, Faisalabad.
(01-09-2021 to 31-08-2022)
- 01 year teaching experience as “**Instructor Electrical**” at **IMPERIAL INSTITUTE OF TECHNOLOGY**, Peoples Colony # 1, Faisalabad.
(01-09-2017 to 31-08-2018)
- 04 weeks Internship at “WAPDA Engineering Academy Faisalabad.”
(27-07-2015 to 21-08-2015)
- 06 weeks Internship at “Pakistan Telecommunication Company Limited, Faisalabad.”

(13-06- 2016 To 24-07 -2016)

Publications

1. Batool, A., Ain, N. U., Amin, A. A., Adnan, M., & Shahbaz, M. H. (2022). A comparative study of DC servo motor parameter estimation using various techniques. *Automatika*, 63(2), 303-312.

Areas of Interest

- Neural Networks
- Machine Learning
- Control systems
- Electric Circuits Analysis

Computer Skills

- MS Office (MS word, MS power point, MS Excel)
- Windows Operating System
- Urdu Inpage
- Endnote latest version
- Mendely
- MATLAB
- Origin

Languages

- Fluent in English & Urdu.

Extra-Curricular Activities

- Member of IEE, CIIT Wah, 2013-2016