

# FATIMA ZIYA

Assistant Professor

Computer Science and Engineering Department  
School of Engineering and Technology

Krishna Engineering College, India

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**Present Affiliation:** Assistant Professor, CSE-Krishna Engineering  
College Affiliated to Abdul Kalam Technical University

**Address:** Plot No 1, II Floor, Brijpuri Extension

New Delhi-110051, India

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## *Areas of Expertise*

- Information Security
- Big Data
- Machine Learning
- Artificial Intelligence
- Search Engine Optimization

## **Education:**

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### **Master of Technology, M.Tech**

**(Jan'17-Jun'19)**

- College: *Ambedkar Institute of Advanced Telecommunication and Research, Delhi Now known as (NSUT East Campus)*
- Subject: *Information Security*
- CGPA: *8.0*

### **Bachelor of Technology**

**(Jul' 12 – May'16)**

- University: *Jamia Hamdard University, Delhi*
- Subject: *Information and Technology.*
- Percentage: *73.56%*

**Intermediate****(Jul'11-Jun'12)**

- Board: *Central Board of Secondary Education, Delhi*
- Subjects: *Physics, Chemistry, Math's, Hindi, English, Biology*
- Percentage 60.00%

**High School****(Jul'08-Jun'09)**

- Board: *Central Board of Secondary Education, Delhi*
- Subjects: *English, Hindi, Math's, Science, Social Science, Sanskrit*
- Percentage 65.83%

**Teaching Experience (at KEC)****(Jul'19–till date)**

- **CSE-KCS(502)**, Compiler Design
- **CSE-KCS(054)**, Object Oriented System Design
- **CSE-KCS(552)**, Compiler Design Lab
- **CSE-RUC(601)**, Cyber Security
- **CSE-NCS(301)**,Data Structure using C
- **CSE-KCS(554)**,Mini Project Lab
- **CSE-KCS(654)**Computer Networks

**Publications in Peer Reviewed international Journals**

1. Ziya Fatima & Suresh Kumar. Comparative Analysis of Focused Web Crawling Schemes. Journal of Emerging Technologies and Innovative Research (JETIR) [www.jetir.org](http://www.jetir.org) ,volume-4 .Issue No6,2019,Pages-25-26. <http://www.jetir.org/papers/JETIR1903674.pdf>, Impact factor: 5.87, ISSN: 2349-5162 .Home page of the Journal: <http://www.jetir.org/index>.
2. Kumar Suresh & Fatima Ziya” Study on MAC Protocols and Attacks: A Review. Proceedings of the 13th INDIACom; INDIACom-2019; IEEE Conference ID: 46181, 2019 6th International Conference on “Computing for Sustainable Global Development”, 13th–15th March, 2019 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
3. Fatima Ziya, Shilpa Suresh, Vaishnavi Joshi, Vanshika Srivastava, Vasvi Srivastava” Online Voting System Through Blockchain” International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 05 Issue: 03 | March-2021
4. Fatima Ziya, Meenu Shukla, Umang Kant and Sharmila Arun ,publishing a Book Chapter” CHAPTER: 11 MULTIMEDIA BIG DATA: THE MULTIMEDIA BIG DATA IMPACT ON DATA STORAGE, MANAGEMENT AND SECURITY STRATEGIES FOR DATA ANALYTICS “by CRC Taylor and Francis,2021.Acepting mail is received.

## ***Work and Research Experience***

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### ***Project Internship***

- ❖ Project: Hybrid High Performance Computing(HPC) of IIT Delhi  
Institution: Indian Institute of Technology, Delhi
- ❖ Project: Developing and Designing of website for Annual performance Appraisal Report for ADG/Chief Engineer for the Ministry of Road Transport and Highways  
Organization: National Informatics Center(NIC),Delhi
- ❖ Project: Bytecode Cyber Security , Techkriti 15 & D link  
Academy Institute: Jamia Hamdard University, Delhi

### ***Faculty Development program, Seminar and Workshops:***

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- Attended Faculty Development Program on “Machine Learning & its Applications ”conducted by Electronics and ICT Academy, IIT Roorkee at Krishna Engineering College Ghaziabad.
- Attended Workshop on Data Visualization Part 1, conducted by Indian Engineering Teachers Association and Industry Institute Collaboration Association Govt. of West Bengal.
- Attended Online Webinar on “Role of Ideal Teacher in transforming the Academic life of the students organized by Pari Kalpana start-up cell Rajkiya Engineering College Ambedkar Nagar.
- Attended Seminar on Cyber Crime in Bharti Vidyapeeth’s college of Engineering New Delhi.
- Participated a two day Workshop on Natural Language and Speech Processing (NLP)in AIACTR New Delhi.
- Participated in the Ethical Hacking & Cyber Forensic workshop.
- **First paper is published on IEEE** “Study on MAC protocols and Attacks :A review “ and plan to publish a second paper on Journal on “Semantic Web”.

### ***Achievements and Activities :***

#### ➤ University Level

- Became a Student **Volunteer In Event DEEP CODING** in NERDZ’ 14.
- **Anchored a NLP Workshop** in the University Campus.
- Worked as editor in Gadgetsalert.com .
- Actively participating in college Fest.

➤ School Level

- Participated in various debates at school & college level.
- Won a Gold medal in fancy dress competition in zonal in year 2007.
- Participated in Science and Maths Olympiad.
- Participated And **Finalist in Procom Quiz** Contest.

***Personal Profile:***

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Father's name : S R Zaidi

Date of Birth : April 28, 1994

Languages Known : Hindi, English, Urdu.

Place: New Delhi

Date: July, 21

**Fatima Ziya**