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Nagar, Okhla, New Delhi-110025

SHAHZAD ALAM

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 9818538198

Objective: To excel academically in the field of computer science and engineering.

Academic Qualifications :

- Pursued Ph.D. (Computer Engineering) in Mar-2021 from Deptt. of Computer Engineering, Jamia Millia Islamia
- Pursued M.Tech (Computer Science & Engineering) in 2010 from ZH College of Engineering & Technology, Aligarh Muslim University, Aligarh.
- Pursued B.Tech (Computer Science & Engineering) in 2007 from UPTU
- Pursued XII in 2002 from Anglo Arabic Senior Secondary School ,C.B.S.E
- Pursued X in 2000 from Anglo Arabic Senior Secondary School ,C.B.S.E

Ph.D Title: “Investigation of various information hiding Techniques”

Supervisor: Prof. Tanvir Ahmad, D/o Computer Engg. JMI,

Co-Supervisor: Prof. M.N. Doja, D/o Computer Engg. JMI

Teaching Experience: Total Teaching Experience: 15 years

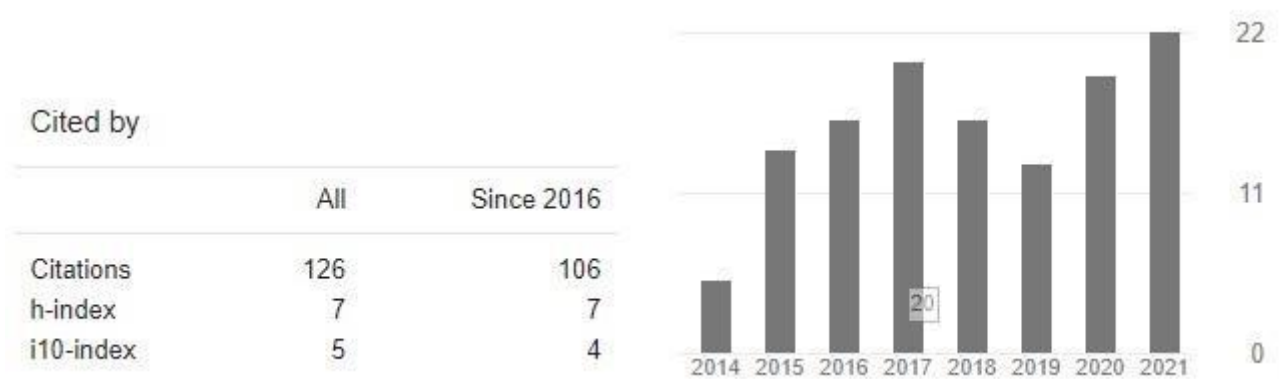
- Working as *Assistant Professor* from 1 November 2017 in the Department of Computer Engineering, F/O Engineering and Technology, Jamia Millia Islamia
- Worked as *Assistant Professor Incharge* at Residential Coaching Academy , Centre for Coaching and Career Planning from 28 March 2023 to 20 December 2024
- Worked as *Assistant Professor (Contractual)* from 3 August, 2017 to 31 October 2017 in the Department of Computer Engineering, F/O Engineering and Technology, Jamia Millia Islamia
- Worked as *Guest Faculty* on temporary basis (during 2010-2017) in the Department of Computer Engineering, F/O Engineering and Technology, Jamia Millia Islamia

Industrial Experience: 06 months of experience

- **Worked as Software Developer** in ODO Software Solutions Pvt. Ltd. A-83, Sector 63, and Noida 201301(UP).

Research Publications:





1.	Alam, S., Ahmad, T., Doja, M.N. et al. “Dual secure robust watermarking scheme based on hybrid optimization algorithm for image security”. <i>Pers Ubiquit Comput</i> (2021). https://doi.org/10.1007/s00779-021-01597-2
2.	Alam et al (2021), “ A lossless digital watermarking scheme based on a new 3D-hyper chaotic map”, <i>Int J Electron Bus</i> 16(1):88–102. https://doi.org/10.1504/IJEB.2021.112769
3.	Alam et al. (2020) "A novel hybrid watermarking scheme with image authentication based on frequency domain, 2- level SVD using chaotic map", <i>EAI Endorsed Transactions on Energy Web</i> , DOI: 10.4108/eai.13-7-2018.165512
4.	Shahzad Alam , Tanvir Ahmad, M. N. Doja, " A chaotic steganography method using Ant Colony Optimization", Proceedings of the 6th International Conference on Frontiers in Intelligent Computing: Theory and Applications, Advances in Intelligent Systems and Computing 516, International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA 2017) September 2017 [Indexed: SCOPUS --ISI--DBLP]
5.	Shahzad Alam , Tanvir Ahmad, M. N. Doja, " A novel edge based chaotic steganography method using neural network", Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications, Advances in Intelligent Systems and Computing 516, International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA 2016) September 2016 [Indexed: SCOPUS --ISI--DBLP] Available at http://www.link.springer.com , DOI 10.1007/978-981-10-3156-4_48
6.	Shahzad Alam ,Amir Jamil, Ankur Saldhi, Musheer Ahmad, “Digital Image Authentication and Encryption using Digital Signature “ International Conference on Advances in Computer Engineering and Applications (ICACEA) , 19-20 March 2015, Pages: 332 – 336, <i>Print ISBN: 978-1-4673-6911-4/15</i> [Indexed: SCOPUS] Available at: http://ieeexplore.ieee.org , DOI:10.1109/ICACEA.2015.7164725

7.	<p>Shahzad Alam, S.M. Zakariya, Nadeem Akhtar, “<i>Analysis of Modified Triple-A Steganography Technique using Fisher Yates Algorithm</i>” <i>International Conference on Hybrid Intelligent Systems (HIS 2014) Kuwait, Dec 2014, Page(s):207 - 212, Print ISBN:978-1-4799-7632-4 [Indexed: SCOPUS---DBLP]</i> Available at: http://ieeexplore.ieee.org, DOI:10.1109/HIS.2014. 7086199</p>
8.	<p>Shahzad Alam, Vipin Kumar, Waseem A Siddiqui, Musheer Ahmad, “<i>Key-Dependent Image Steganography Using Edge Detection</i>”, <i>International Conference on Advanced Computing & Communication Technologies (ACCT-2014)</i>, pp. 85--88, 8--9 February 2014, Rohtak. ISBN: 978-1-4799-4910-6. [Indexed: SCOPUS] Available at http://ieeexplore.ieee.org, DOI: 10.1109/ACCT.2014.72</p>
9.	<p>Musheer Ahmad, Akshay Chopra, Prakhar Jain and Shahzad Alam, "A Chaotic Substitution Based Image Encryption Using APA-transformation", <i>International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA 2014) Advances in Intelligent Systems and Computing</i>, Springer Switzerland, vol. 328, pp. 75--83, 14--15 November 2014, Bhubaneswar. ISSN: 2194-5357. ISBN: 978-3-319-12012-6 [Indexed: SCOPUS-ISI-DBLP] Available at http://www.link.springer.com, DOI: 10.1007/978-3-319-12012-6_9</p>
10	<p>Musheer Ahmad, Shahzad Alam, “A Novel Approach for Efficient S-Box Design Using Multiple High-Dimensional Chaos”, <i>International Conference on Advanced Computing & Communication Technologies (ACCT-2014)</i>, pp. 95--99, 8--9 February 2014, Rohtak. ISBN: 978-1-4799-4910-6. [Indexed: SCOPUS] Available at http://ieeexplore.ieee.org, DOI: 10.1109/ACCT.2014.14</p>
11	<p>Musheer Ahmad, Imran Raza Khan and Shahzad Alam , “<i>Cryptanalysis of Image Encryption Based on Fractional Chaotic Systems</i>” <i>International Conference on Emerging ICT for Bridging Future (CSI-2014)</i>, <i>Advances in Intelligent Systems and Computing</i>, Springer Switzerland, vol. 2, pp. 381--388, 13--14 December 2014, Hyderabad. [Indexed: SCOPUS --ISI--DBLP] Available at http://link.springer.com/chapter/10.1007%2F978-3-319-137315_41</p>
12	<p>Shahzad Alam, S.M. Zakariya, M. Q Rafiq “<i>Analysis of Modified LSB Approaches of Hiding Information in Digital Images</i>” <i>International Conference on Computational Intelligence and Communication Networks (CCIN-2013)</i>, pp. 280--285, 27 Sep - 29 Sep 2013, Mathura, ISBN :978-0-7695-5069-5 [Indexed: SCOPUS] Available at http://ieeexplore.ieee.org, DOI: 10.1109/CCIN 2013.66</p>

Projects Guided:

UG Projects: 014 (Final year project), 21 (Third year project)

Department Level Activities:

- Teacher Placement Coordinator
- Verification Officer in B.Tech Admission Process
- Preparing Department's File for NBA Accreditation
- Design lab manuals for Data Structure Programming lab and DBMS Lab for NAAC Accreditation
- Client Server installation and maintenance for DBMS lab in Computer main lab.
- Maintenance and Supervising Main Lab

Orientation course/Refresher Courses/Research Methodology/Faculty Development Programme

S.No	Programme	Duration with date	Organized by
1	ATAL FDP on Blockchain Technology	(28th Feb to 04th March 2022)	Indian Institute of Information Technology Dharwad (IIIT Dharwad)
2	ATAL FDP on Recent Advancements in Social Internet of Things(SIoT) and Industrial Internet of Things(IIoT)	(14th February 2022 to 18th February 2022)	Department of Computer Science and Engineering, National Institute of Technology Puducherry
3	ATAL FDP on Quantum Computing: Designing to Implementation	((7th -11th February 2022)	Amity Institute of Information Technology, Lucknow Campus
4	FDP on Machine Learning Techniques, Applications and Challenges	1 week (03 Aug-2021 to 07 Aug 2021)	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal under TEQIP-III
5	ATAL FDP on Applied Machine Learning	1 week (21-07-21 to 25-07-21)	Indian Institute of Technology , Ropar
6	Refresher Course (Disciplinary) ON NEXT GENERATION TECHNOLOGIES	Two Week (29 June 2021-13 July 2021)	TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, NEW DELHI
7	ATAL FDP on Enabling Technologies for Artificial Intelligence, Machine Learning and IOT	1 week (21Jun-21 to 25-Jun-21)	Aligarh Muslim University, Aligarh
8	ATAL FDP on Application of Computers in Biology	1 week (07-06-21 to 11-06-21)	Galgotias University , Greater Noida

9	FDP on Machine Learning	1 week (22-02-2021 to 26-02-2021)	ITS Engineering College , Greater Noida
10	STTP or FDP on Data Science & its Applications	1 week (8FEB-21 to 13FEB-21)	Deptt. of IT, NIET, Greater Noida
11	FDP on “Blockchain- Underline Technology and Its Applications”	1 week (25-012021 to 29-012021)	Rajasthan Technical University, Kota and SBCET, Jaipur
12	ATAL FDP on Cyber Security	1 week (18-01-21 to 22-01-21)	St. Joseph's College Of Engineering, Chennai
13	ATAL FDP on Internet of Things(IoT)	1 week (11-01-21 to 15-01-21)	Department of Computer Science, Central University of Kerala , Kerala
14	ATAL FDP on Internet of Things(IoT)	1 week (04-01-21 to 08-01-21)	NIET, Greater Noida
15	ATAL FDP on Operation Management	1 week (20-12-20 to 24-12-20)	Atal Bihari Vajpayee-Indian Institute of Information Technology and Management Gwalior.
16	STTP or FDP on AI and Machine Learning Algorithms for cyber security solutions	1 week (14-122020 to 19-122020)	S A Engineering College, chennai
17	FDP on scientific writing Using Latex	1 week (5-102020 to 9-102020)	BGSBU Rajouri J&K
18	FDP on Python Programming	1 week (31-082020 to 04-09-2020)	(JMI) association with Spoken Tutorial IIT
19	FDP on Data Science for ALL	2 week (27-07-2020 to 08-08-2020)	NIT Patna, Warangal, organized by Electronics and ICT Academies
20	FDP on Machine Learning and its Application using Python	1 week (29-Jun-20 to 3-Jul-20)	Ajay Kumar Garg Engineering, UP
21	One Month Induction Training Programme (Equivalent to OP)	1 Month (20Feb-18 to 23Mar-18)	School of Education & HRDC, JMI
22	M1 Orientation towards Technical Education & Curriculum Aspects	SEP-2020 to OCT-2020	National Institute of Technical Teachers Training and Research (NITTTR) Chennai

23	M2 Professional Ethics & Sustainability	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai
24	M3 Communication Skills, Modes & Knowledge Dissemination	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai
25	M4 Instructional Planning and Delivery	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai
26	M5 Technology Enabled Learning & Life Long Self Learning	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai
27	M6 Student Assessment and Evaluation	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai
28	M7 Creative Problem Solving , Innovation and Meaningful R and D	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai
29	M8 Institutional Management & Administrative Procedures	March - April 2021	National Institute of Technical Teachers Training and Research (NITTTR) Chennai

Awards and Achievements:

- Qualified **UGC-NET** in Computer Science (**DEC-2014**)
- Qualified **GATE- 2007, 2015, 2016**
- Taking **Programming Lab of B.Tech 3 & 4 Year** students as a part of **GATE Scholarship**
- Participated in One-day Workshop over “Emerging Trends in ICT based Learning” jointly organized by FTK-Centre for Information Technology, JMI and Department of Computer Engineering, JMI, New-Delhi-110025.
- Completed certificate course on **JAVA Core and J2EE** in **NIITInstitute in New Delhi** and engineering.

Post Graduate Projects

- **OnlineComputer Shopping** :In Visual Studio 2008,Sql Server 2000 with proper documentation
- **ECounselling System**:In Visual Studio 2008,Sql Server 2000 with proper documentation
- **Hide and Seek in Image (Steganography)** : Developed in Java with proper documentation
- **Dissertation Topic**: “Effect of increase in information in the Quality of Stegano

Image”under the supervision of Prof.M.Q. Rafiq(Chairman),
Dept.of Computer Engineering, AMU, Aligarh

Undergraduate Projects

- **Employee Management System** Developed in Visual Basic 6.0
- **Hospital Management System** Developed In Visual Basic 6.0.
- **File Utilities** Using C++

Research Interests:

- Image Processing, Information Hiding, Data Security, Machine Learning

THEORIES TAUGHT:

- Machine Learning Techniques
- Analysis and Design of Algorithms
- Data Structures Using C
- Computer Programming using Python
- Data Base Management System
- Computer Architecture
- Analog and Digital Communication

Personal Information

Father's Name	Mr.Farooq Ahmad
Nationality	Indian
Marital Status	Single
Interest	reading ,cricket
Language known:	English,Hindi,Urdu

MySCOPUS

WebLink: <https://www.scopus.com/authid/detail.uri?authorId=56008033400>

MyDBLP

WebLink: <http://dblp.uni-trier.de/pers/hd/a/Alam:Shahzad>

MyGoogleScholar

WebLink: <https://scholar.google.co.in/citations?user=kFpSR1kAAAAJ&hl=en>

Declaration

I hereby declare that the given above statement are true to the best of my knowledge and belief and can be supported with reliable documents when needed.

Date:

Place: (**SHAHZAD ALAM**)