

CURRICULUM VITAE

Dr. Farheen Siddiqui

34-F, SFS DDA Flats, Sector 8
Jasola Vihar, New Delhi 110025
Mobile: +919818664875
E-mail: fsiddiqui@jamiahamdard.ac.in

CAREER OBJECTIVE:

- To disseminate knowledge for preparing well-equipped individuals for society.
- To encourage analytical thinking and by preparing students for successful professional opportunities.

EXPERIENCE:

Total experience of 17+ years

Sr. No.	Company Name/University	Designation	Period
1	AmSoft System	Software Trainee	Dec 2001- Jun 2002
2.	Jamia Hamdard University	Associate Professor and HOD Computer science and Engineering	

• Post Graduate courses taught:

- Master of Technology- Computer Science & Engineering
- Master of Technology- Information Security & Cyber Forensics
- Master of Computer Applications
- Master of Science-Information Technology
- Master of Science-Computer Science

• Undergraduate courses taught:

- B. Tech Computer Science & Engineering
- B. Tech Information Technology
- Bachelor of Computer Applications

PhD Supervision:

- Currently supervising six PhD scholar in area of Machine Learning, smart cities and Cloud Computing
- Currently co-supervising 10 PhD scholars

PROJECTS UNDERTAKEN:

- **FIST (Funds for Improvement in Science and Technology):**

Project Coordinator

Duration: 5 Years (2021-2026)

Total Amount: INR 9,900,000

Project Description: The Scheme “Fund for Improvement of S&T Infrastructure (FIST)” by Department of Science and Technology, Government of India, is intended to provide basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas and attracting fresh talents in universities & other educational institutions.

- **Unnat Bharat Abhiyan(UBA) :**

PI member/ UBA Team Member

Project Title: “Bacteria free innovative paintings for hygienic whitewash solutions in Saidul Azaib region with installation of portable green and blue smart dustbins, (UBA/NCI/0070/U-0107 U-0107)”

Duration: 6 Months

Total Amount: INR 200,000

Project Description: Unnat Bharat Abhiyan is a flagship program of Ministry of Human Resource Development (MHRD) Government of India.

- **Post Graduate Level:**

Presentation Manager

Client : Amsoft Systems

It enables the conversion of document in (almost) any arbitrary format into a proprietary format and vice versa. The content, style and logic of the document are carefully examined and stored separately. The document formats initially supported for input and output includes –MS Word, HTML and PDF. This application enables the end user to edit /update the input file dynamically using data from various data sources such as database, files, and LDAP.

Technologies used: Java, JDBC, XSP,XSL,XML

PATENTS

1. Title of invention: SMART AND PORTABLE LONG DISTANCE SECURITY SYSTEM WITHOUT USING LASER LIGHT

Patent number: 2020104346

BOOKS PUBLISHED

1. Editor: Proceedings of the First International Conference on ICT for Digital, Smart and Sustainable Development, ICIDSSD 2019, March 15-16, 2019, Jamia Hamdard, New Delhi, India.

2. Editor: Proceedings of the 2nd International Conference on ICT for Digital, Smart, and Sustainable Development, ICIDSSD 2020, 27-28 February 2020, Jamia Hamdard, New Delhi, India, 27th–28th Feb 2020, New Delhi, India.
3. Editor: Artificial Intelligence in Telemedicine: Processing of Biosignals and Medical images-529949, CRC Press (In Process)

PROJECTS/DISSERTATIONS GUIDED:

Undergraduate Level

- Guided **more than 100** BCA, B.Tech (CS) and B.Tech (IT) final year students in their projects.

Post Graduate Level

- Guided **more than 50** final year students of M.Sc (Computer Science/ Information Technology), MCA and M.Tech (Computer Science) in their dissertation.

EDUCATIONAL QUALIFICATIONS:

- ◆ Ph.D (Computer Science) from Jamia Hamdard University in July 2015.

Topic of Research: Semantic Web Based Object Oriented Software Design

PH.D. THESIS ABSTRACT:

The Semantic Web community has provided wide support of languages and tools for developing, maintaining, using and sharing domain models for Software Engineering. OWL and RDF Schema are the core semantic web technologies that are the basis of these tools. OWL is optimized to represent structural knowledge at a high level of abstraction.

The first steps in software development processes are requirements analysis and design phases. Software engineers can have a great effect during these steps on the quality of the software produced and on its development cost. Recently, it has become common not to develop new software from scratch. Instead, software is developed by adapting and/or combining existing re-usable software architectures. Reusability can be achieved with Semantic Web languages support. The research is carried out in two stages

- (1) Rule based semantic checking of application requirements using domain ontologies and
- (2) Generation of ontology based MDA design models for feature driven development.

This approach enables to generate semantically correct requirements and to select the implementation structures that are semantically suitable for those requirements. It first demonstrate how ontology can be utilized at the first step of requirements specification in an intuitive way and then second step of how such requirements generated by ontology guidance can be used as the basis for transformations to code via Analysis, Detailed Design, and Platform-Specific Models. We have ontology systems whose concrete structure is the vocabulary of

domain-specific words for each problem domain. In our new methodology, requirements are generated based on the ontology or more concretely, the ontology system guides the analysts' activities to generate requirements by selecting the applications requirement from the superset of the requirement that domain ontology may support. As a result, the meaning of the application's requirements can be mapped with a set of relevant entities included in the ontology system.

Thus the main value of the approach is that a large fraction of a non-trivial prototype of the system can be obtained from ontology without manual extension of intermediate models. All model-to-model transformations in our approach are implemented in the OWL. This framework is implemented using Eclipse development environment using OWL API and the design quality of PSM has been tested for software design metrics using iPlasma tool. It is found that the design matrices are within the industry specified range. Thus, the proposed ontology based design is found suitable for the model-driven development.

S. No.	Degree	University/Institute	Year	Percentage/CGPA
1.	B.Sc(physics)	Delhi University	1999	62 %
2.	MCA	Jamia Hamdard	2002	82%
3.	Ph.D (Computer Science)	Jamia Hamdard	2015	NA

SKILLS

LANGUAGES/ PACKAGES/ SIMULATION SOFTWARES: C, C++, VC++, JAVA, Python, Netbeans, Protege and R framework.

OPERATING SYSTEMS: Windows95, Windows 98, Windows2000, Windows XP, Unix/Linux, Windows7/8

PAPERS PUBLISHED IN JOURNALS and CONFERENCES:

2023

1. Siddiqui F, Mohammad A, Alam MA, Naaz S, Agarwal P, Sohail SS, Madsen DØ. Deep Neural Network for EEG Signal-Based Subject-Independent Imaginary Mental Task Classification. *Diagnostics*. 2023; 13(4):640. <https://doi.org/10.3390/diagnostics13040640>

2. Farhat, F.; Sohail, S.S.; Siddiqui, F.; Irshad, R.R.; Madsen, D.Ø. Curcumin in Wound Healing—A Bibliometric Analysis. *Life* 2023, 13, 143. <https://doi.org/10.3390/life13010143> 2022
3. Siddiqui, F.; Mohammad, A.; Alam, M.A.; Naaz, S.; Agarwal, P.; Sohail, S.S.; Madsen, D.Ø. Deep Neural Network for EEG Signal-Based Subject-Independent Imaginary Mental Task Classification. *Diagnostics* 2023, 13, 640. <https://doi.org/10.3390/diagnostics13040640>

2022

4. Naaz, S.; Khan, S.A.; Siddiqui, F.; Sohail, S.S.; Madsen, D.Ø.; Ahmad, A. OdorTAM: Technology Acceptance Model for Biometric Authentication System Using Human Body Odor. *Int. J. Environ. Res. Public Health* 2022, 19, 16777. <https://doi.org/10.3390/ijerph192416777>
5. Kak, S.M., Agarwal, P., Alam, M.A. *et al.* A hybridized approach for minimizing energy in cloud computing. *Cluster Computing* (2022). <https://doi.org/10.1007/s10586-022-03807-9>
6. Jaweed A., Siddiqui F. (2022), "Implementation of Machine Learning in Lung Cancer Prediction and Prognosis: A Review "In: Tavares J.M.R.S., Dutta P., Dutta S., Samanta D. (eds) *Cyber Intelligence and Information Retrieval. Lecture Notes in Networks and Systems*, vol 291. Springer, Singapore.225-231.
7. M. Alam, I. R. Khan, M. A. Alam, F. Siddiqui and S. Tanweer, "IoT Framework for Healthcare: A Review," 2022 *IEEE World Conference on Applied Intelligence and Computing (AIC)*, 2022, pp. 925-934.
8. Ahmad Faraz, Farheen Siddiqui¹, Sherin Zafar and Sameena Naaz, "Machine-Learning Assisted Prediction of Light Consumption" 2022 ECS - The Electrochemical Society ECS Transactions, Volume 107.
9. S Naaz, F Siddiqui , "Application of Big Data in Digital Epidemiology", Research Anthology on Big Data Analytics, Architectures, and Applications, PP-958-978, IGI Global.
10. Shabina Ghafir, M Afshar Alam, Farheen Siddiqui, Sameena Naaz, " Workflow Task Scheduling Hybrid swarm intelligence in cloud Computing", 2022/3/28.
11. Mehroush Bandy, Sherin Zafar, Farheen Siddiqui, " Efficient Automated Disease Diagnosis Using Machine Learning Models", International Conference on Computing in Engineering & Technology, Springer, Singapore, PP-230-236.
12. Farheen Siddiqui, Sherin Zafar, Samia Khan, Nida Iftakhar, "Computer Vision Analysis of BRIEF and ORB Feature Detection Algorithms", International Conference on Computing in Engineering & Technology, Springer, Singapore, PP-425-433.
13. Sameena Naaz, Arooj Hussain, Farheen Siddiqui, "Prediction of Parkinson's Disease Using Deep Learning in TensorFlow", International Journal of Biomedical and Clinical Engineering (IJBCE), IGI Global, PP-1-19, Vol. 11, Issue 1.
14. Alam, M.A., Babulak E., Kumar S.N., Siddiqui F, Sherin Zafar, " Artificial Intelligence in Telemedicine: Processing of Biosignals and medical images- 529949- IMVRA Series", Book Chapter: Publisher: CRC Press | Taylor & Francis Group.

2021

15. Ahmad, M.O.; Ahad, M.A.; Alam, M.A.; Siddiqui, F.; Casalino, G. ; "Cyber-Physical Systems and Smart Cities in India: Opportunities, Issues, and Challenges". *Sensors* 2021, 21, 7714. I.F 3.84

16. Iqbal A., Siddiqui F. (2021) **“Behavioral Analysis from Online Data Using Temporal Graphs”**, In: Gupta D., Khanna A., Bhattacharyya S., Hassanien A.E., Anand S., Jaiswal A. (eds) International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing, vol 1166. Springer, Singapore.
17. Faridi A., Siddiqui F. (2021) , **“Selection of Probabilistic Data Structures for SPV Wallet Filtering”**, In: Gupta D., Khanna A., Bhattacharyya S., Hassanien A.E., Anand S., Jaiswal A. (eds) International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing, vol 1166. Springer, Singapore.
18. Gazala Mushtaq¹ and Farheen Siddiqui¹ , **“Detection of diabetic retinopathy using deep learning methodology”**, Published under licence by IOP Publishing Ltd IOP Conference Series: Materials Science and Engineering, Volume 1070, International Conference on Recent Innovations in Engineering and Technology (ICRIET 2020) 4TH-5TH December 2020, Tamil Nadu, India.
19. Shah Imran Alam, Ihtiram Raza Khan, Syed Imtiyaz Hassan, Farheen Siddiqui, M Afshar Alam, Anil Kumar Mahto, Open Data Release and Privacy Concerns: Complexity in Mitigating Vulnerability with Controlled Perturbation”2021/6/23 , Journal of Food Quality Volume 2021 Publisher Hindawi. (I.F. 2.45)
20. Atif Abdus Samad , Farheen Siddiqui **“IOT based Automation for Smart Sustainable Homes”** 2021/3/1 ICIDSSD 2020.
21. A. Mohammad, F. Siddiqui and M. Afshar Alam, **"Feature Extraction from EEG Signals: A deep learning perspective,"** 2021 11th International Conference on Cloud Computing, Data Science & Engineering (Confluence), 2021, pp. 757-760.
22. Sajad M.S., Siddiqui F. (2021) **“A Review Study on IoT-Based Smart Agriculture System”**. In: Singh P.K., Wierzchoń S.T., Tanwar S., Ganzha M., Rodrigues J.J.P.C. (eds) Proceedings of Second International Conference on Computing, Communications, and Cyber-Security. Lecture Notes in Networks and Systems, vol 203. Springer, Singapore.
23. Gazala Mushtaq, Farheen Siddiqui, **“Sentiment Analysis of News Articles Using Deep Learning Methodologies”**, Advances in Electrical and Computer Technologies: Proceedings of ICAECT 2020 pages 277-288 Springer Singapore.
24. M Shabina Ghafir, Afshar Alam, Farheen Siddiqui, Sameena Naaz, **“Virtual Machine Allocation Policy for Load Balancing”**, Journal of Physics: Conference Series, IOP Publishing, Vol. 2070.Issue1.

2020

25. Faridi A., Siddiqui F. (2020) Improving SPV-Based Cryptocurrency Wallet. In: Gunjan V., Suganthan P., Haase J., Kumar A., Raman B. (eds) Cybernetics, Cognition and Machine Learning Applications. Algorithms for Intelligent Systems. Springer, Singapore.
26. Siddiqui F., Raza N. (2020) A Heuristic Algorithm for Diameter Calculation. In: Jain L., Virvou M., Piuri V., Balas V. (eds) Advances in Bioinformatics, Multimedia, and Electronics Circuits and Signals. Advances in Intelligent Systems and Computing, vol 1064. Springer, Singapore.

2019

27. Farheen Siddiqui, Tabeen Afzal , Sameena Naaz **“Towards Ant Colony Optimization Based Traffic Control System For Smart Cities”** International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S4, April 2019 (scopus)
28. Danish Ahmad Khan, Sameena Naaz and Farheen Siddiqui **“Design and Realization of Autonomous Cars using Deep Q Learning”**, Journal of Advanced Research in Dynamical

& Control Systems, Vol. 11, 04-Special Issue, ISSN: 1943-023X, April 2019, pp 1808-1813. **Scopus Indexed.**

29. Sameena Naaz and Farheen Siddiqui Book Chapter "Application of Big Data in Digital Epidemiology," in "Intelligent Systems for Healthcare Management and Delivery", IGI Global ISBN13: 9781522570714
30. Farheen Siddiqui and Parul Agarwal Book Chapter "Ontology Based Opinion Mining for online product reviews," in "Extracting Knowledge From Opinion Mining" , IGI Global ISBN13: 9781522561170
31. Shaheen B., Siddiqui F. Comparison Between RSA Algorithm and Modified RSA Algorithm Used in Cloud Computing. In: Smys S., Bestak R., Rocha Á. (eds) Inventive Computation Technologies. ICICIT 2019. Lecture Notes in Networks and Systems, vol 98. Springer, Cham.
32. Shaheen B., Siddiqui F. Security Algorithms for Cloud Based Applications. In: Karrupusamy P., Chen J., Shi Y. (eds) Sustainable Communication Networks and Application. ICSCN 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 39. Springer, Cham.
33. F. N. Hamdani and F. Siddiqui, "Detection of DDOS Attacks in Cloud Computing Environment," *2019 International Conference on Intelligent Computing and Control Systems* 2019.9065429 978-1-5386 (ICCS), 2019, pp. 83-87,
34. Hamdani FN, Siddiqui F. 2019. Machine learning approach for automated defense against network intrusions. *PeerJ Preprints* 7:e27777v1

2018

35. Anam Iqbal, Dr. Farheen Siddiqui "Predicting Personality Using Deep Learning Techniques" published in Springer Lecture Notes On Data Engineering and Communication Technologies
36. Tabeen Afzal , Farheen Siddiqui "Role of ACO Driven AGV in Intelligent Transport Systems" to be published in Springer Lecture Notes On Data Engineering and Communication Technologies
37. Farheen Siddiqui, Tabeen Afzal , Sameena Naaz "Towards Ant Colony Optimization Based Traffic Control System For Smart Cities" accepted in International Journal Of Engineering And Technology(Scopus)
38. Bisma Shah and Farheen Siddiqui Book Chapter "A Novel Algorithm for Sentiment Analysis of Online Movie Reviews" in Social Network Analytics for Contemporary Business Organizations IGI Global pages 106-140
39. Sameena Naaz and Farheen Siddiqui Book Chapter "Application of Big Data in Digital Epidemiology," in "Intelligent Systems for Healthcare Management and Delivery", IGI Global
40. Farheen Siddiqui and Parul Agarwal Book Chapter "Ontology Based Opinion Mining for online product reviews," in "Extracting Knowledge From Opinion Mining" , IGI Global

2017

41. Bisma Bashir , Farheen Siddiqui "Decision Tree Algorithm And Mapreduce Technology: A Review" **International Journal of Engineering Science and Technology" e-ISSN: 0975-5462 (online version) p-ISSN: 2278-9510 (Print version)** Vol. 9 No.05 May 2017 pgs 482-486
42. Farheen Naaz, Farheen Siddiqui "Scrutinizing Near Duplicate Document Detection Techniques" International Journal of Advanced Research in Computer Science Volume 8, No. 5, May – June 2017 ISSN No. 0976-5697 pgs:1003-1005
43. Farheen Naaz, Farheen Siddiqui "Modified N-Gram based Model for Identifying and Filtering Near-Duplicate Documents Detection" in International Journal of Advanced

Computational Engineering and Networking, ISSN: 2320-2106, Volume-5, Issue-10, Oct.-2017

44. Gazala Matloob Dr. Farheen Siddiqui "Data at rest and it's security solutions-A survey" International Journal of Advanced Research in Computer Science Volume 8, No. 5, May-June 2017 ISSN No. 0976-5697 Pgs 1491-1493

45. Gazala Matloob Dr. Farheen Siddiqui IRIS RECOGNITION USING MOMENT OF INVARIANTS APPROACH AND NORMALIZED CORRELATION International Journal of Computer Engineering and Applications 2321-3469 2017

2016

46. Farheen Siddiqui "A Feature- Driven Ontology for Agile FDD Software Development" *IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 18, Issue 6, Ver. V (Nov.-Dec. 2016), PP 57-60 DOI: 10.9790/0661-1806055760*

47. Farheen Siddiqui "Applications for Big Data in of Intelligent Distributed Processing" *IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 18, Issue 6, Ver. I (Nov. - Dec. 2016), PP 61-64 DOI: 10.9790/0661-1806016164*

48. Farheen Siddiqui "State Of Art Ontological Infrastructure For Cloud Computing" International Journal of Computer & Organization Trends (IJCOT) – Volume 36 Number1 – October 2016 ISSN: 2249-2593 Pg22-26

49. Farheen Siddiqui "An Ontology Based Requirement Rule Consistency Checking Framework" (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 7 (6) , 2016, 2574-2580 "Volume 6, Issue 11, November 2016 ISSN: 2277 128X

50. Farheen Siddiqui " On Scope of Ontology Modeling and Database Modeling" in International Journal of Advanced Research in Computer Science 2277128X ISSN(Online): 22776451 ... and Software Engineering Volume 6, Issue 11, November 2016

2015

51. Farheen Siddiqui , M Alam "Ontology based Model-Driven Path for Feature Driven Development" in International Journal of software engineering 2015 vol 8 no 1 pgs 37-56 (IET INSPEC)

52. Farheen Siddiqui "Semantic Web based Model Driven Architecture" Volume 5, Issue 12, December 2015 in International Journal of Advanced Research in Computer Science and Software Engineering Research Dec 2015 pgs 274-280

2012

53. Farheen Siddiqui , M Alam "Ontology Based Feature Driven Development Life Cycle" published in IJCSI International Journal of Computer Science Issues, Vol. 9, Issue 1, No 2, January 2012 pgs 207 -212

2011

54. Farheen Siddiqui , M Alam "Design Web ontology language design and related tools: a survey" Feb 2011 issue JETWI, Academy publisher. (SCOPUS, IET INSPEC)

55. Farheen Siddiqui , M Alam "An Ontology Based Approach for Requirement Inconsistency Detection" in IMS Manthan - Volume VI, No. 1, June 2011 pgs 39 -44

56. Farheen Siddiqui , M Alam "Ontology Based Application model for Feature Driven Development" published in proceedings of 5th Indian International Conference On Artificial Intelligenc. IICAI 2011 pgs 1125-1137.

2010

57. Farheen Siddiqui , M Alam "Aspect Weaving in MDA for Ontology Modeling" in proceedings of ICKD '10 ISBN 978-1-4244-6079-3 pgs 320 - 324

2009

58. Farheen Siddiqui , Parul Agarwal “Fuzzy Ontology Representation in RDF for semantic information retrieval” in proceedings of NCRDCA `09 , ISBN 973-93-80026-78-7
59. Parul Agarwal , Farheen Siddiqui “Fuzzy sets in information retrieval and data mining” in proceedings of NCRDCA `09 , ISBN 973-93-80026-78-7

SEMINARS/WORKSHOPS/TRAININGS ORGANIZED:

- Organised DST STUTI training program on “Recent Trends and Innovations in Computer Science and Engineering in the Department of CSE, Jamia Hamdard from November 28-December 5, 2022.
Program Convener
Total Budget: INR 800000
- Organised a one week Course on ICT tools for Teaching, Learning Process and Institutes in collaboration with NIT Patna, India.
Program Coordinator
Total Budget: INR 99040
- Organised Annual IT festival NERDZ in 2009
- Organizing member of National Conference on Recent Developments in Computing and it’s Applications, held on August 12 – 13, 2009 at Hamdard University, New Delhi.
- Organised Annual IT festival NERDZ in 2014
- Organizing member of one-day StartUp India/ Digital India Convention held at Department of Computer Science and Engineering, Jamia Hamdard, New Delhi on 31st January 2017.
- Organizing member of one-day National Seminar on Emerging Technologies held at Department of Computer Science and Engineering, School of Engineering Sciences and Technology, New Delhi on 2nd March, 2017.
- Organized two-day National Seminar on Cloud Computing and its Applications at Department of Computer Science and Engineering, School of Engineering Sciences and Technology, New Delhi on 9th -10th March, 2017.
- Organized a one-day workshop on ANDROID in collaboration with APTRON Solutions Pvt. Ltd. at Department of Computer Science and Engineering, Jamia Hamdard, on 17th April 2017.
- Organized a Two-weeks Faculty Development Program on Data Analytics from 8th -21st January, 2018 at Department of CSE, SEST Jamia Hamdard.
- Organised Linux workshop on 21st August 2004 at Jamia Hamdard

CONFERENCES/SEMINARS/WORKSHOPS/TRAININGS ATTENDED:

- Attended the Linux demo day in 2015 at Jamia Hamdard
- Attended a seminar lecture on Hypertext and Multimedia in 2006 at Jamia Hamdard
- Attended the Erudition session of NERDZ 2005(two days IT festival organized by department of Computer Science Jamia Hamdard)
- Attended a seminar lecture on Grid Technology held in the department of Computer Science Jamia Hamdard on 5th August 2006.
- Attended a 4-week orientation programme at Jamia Milia Islamia in Jan – Feb 2007.

- Attended a two-day National Workshop on Software Security held on 13 – 14 September, 2007 at Jamia Millia Islamia. New Delhi
- Attended a 4-week orientation programme at Jamia Milia Islamia in 2008.
- Attended a two-day regional seminar on “Intellectual Property Protection & Management” held on 11th -12th February, 2009 at Jamia Hamdard, Hamdard Nagar New Delhi.
- Participated in a workshop on “Basic Robotics and introduction for autonomous robotics” organized by MITBOTS (An IIT Delhi Alumni Group), Robotic Foundation of India. (August 21-22, 2009)
- Presented paper titled "OWL and its predecessor" in International conference on recent developments in mathematics and its application 30-31 March 2009, Jamia Milia Islamia.
- Presented paper titled “Fuzzy Ontology Representation in RDF for semantic information retrieval” in National Conference on Recent Development in Computer Applications `09 Jamia Hamdard.
- Presented paper titled “Fuzzy sets in information retrieval and data mining” in National Conference on Recent Development in Computer Applications `09 ,Jamia Hamdard
- Attended a seminar on “Innovations in Apple Inc. (A tribute to Steve Paul Jobs)” organized by the Department of Computer Science, FMIT, Jamia Hamdard in association with ISTE, CSI and IEEE held on 21st October, 2011.
- Attended 4 week Refresher Course in Computer Science at JNU 2011
- Presented paper titled “ontology based application model for feature driven development” in Indian International conference on artificial intelligence in Dec 20
- Attended 15 days Cloud computing and optimization workshop in June 2015
- Attended GIAN programme on Graph mining at JMI in dec 2015
- Attended ISTE Annual Teachers Convention (FDP), 2017 on ‘Entrepreneurship Awareness & Culture’ sponsored by Indian Society for Technical Education (ISTE), organized by Department of Computer Science and Engineering, SEST, Jamia Hamdard on 27-28 November 2017
- Attended Workshop on ‘National Workshop on Challenges and Opportunities in Data Analytics and its Applications’ sponsored by Science and Engineering Research Board (SERB-DST), Govt. of India, held on 16th October 2017 at Jamia Hamdard
- Attended Two-week Faculty Development Program on Data Analytics from 8th -21st January, 2018 at Department of CSE, SEST Jamia Hamdard.
- Attended Workshop on Python in association with Coding Blocks organized by IEEE Jamia Hamdard Student Branch held on 18th April 2018
- Attended FDP on ‘MATLAB:R2017b features & Updates’ on 15-16 February 2018 by Department of Computer Science and Engineering, SEST, Jamia Hamdard
- Presented paper “Predicting Personality Using Deep Learning Techniques” in ICICI 2018
- Presented paper Role of ACO Driven AGV in Intelligent Transport Systems in ICICI 2018
- Presented paper Towards Ant Colony Optimization Based Traffic Control System For Smart Cities ICRTC 2018
- Attended Summer Training on Regression and Deep Learning during August (RDL' 18)
- Presented paper Comparison between RSA Algorithm and Modified RSA Algorithm Used in Cloud Computing. In Inventive Computation Technologies. ICICIT 2019.
- Presented paper Security Algorithms for Cloud Based Applications. In ICSCN 2019
- Presented paper "Detection of DDOS Attacks in Cloud Computing Environment," in *International Conference on Intelligent Computing and Control Systems* 2019
- Attended FDP on ‘Cloud Computing’ organized by Department of Computer Science and Engineering in association with Etrain Education Pvt. Ltd. from 11-20 January 2019 at Jamia Hamdard

- Attended FDP on ‘VLSI Chip Design Hands-on using open source EDA’ organized by Electronics and ICT Academies from 8-12 July 2019 at Jamia Hamdard
- Attended FDP on Machine Learning organized by Department of Computer Science and Engineering in association with E-train India from 5-10 August 2019 held at Jamia Hamdard
- Attended FDP on Python Programming with Industry perspective organized by Electronics and ICT Academies from 2-6 December 2019 at Jamia Hamdard
- Attended FDP on Deep Learning and Applications, organized by Electronics and ICT Academies from 9-13 December 2019 at Jamia Hamdard
- Attended FDP on Natural Language Processing, organized by Electronics and ICT Academies from 6-10 January 2020 at Jamia Hamdard
- Attended FDP on ICT Tools for Teaching, Learning process & Institutes, organized by Electronics and ICT Academies held from January 13-17, 2020 at Jamia Hamdard
- Attended Faculty Development Programme on “Cloud, Business 4.0 and Agile” held in association with TCS at department of CSE, SEST, Jamia Hamdard
- FDP on “Telecom Cloud Computing” held at Jamia Hamdard sponsored by Tata Consultancy Services
- Workshop attended on “Android Development” held at Jamia Hamdard organized by Aprton Solutions Pvt. Ltd.
- Attended an International Webinar on Application of Deep Learning for COVID 19 Diagnosis and Treatment organized on 30 May, 2020.
- Attended a Webinar on COVID 19 Pandemic: Impact of Lockdown on personal and Professional Life of Women on 04-06-2020.
- Attended an International Webinar on “Impact of Covid 19 on Technology with reference to Sustainable Development Goals” organised on 20th June, 2020.

EDITORIAL BOARD MEMBER:

- International Journal of Information Science & techniques (IJIST) ISSN : 2249-1139 [Online]; 2319 - 409X [Print]
- International Journal of Advanced Research in Computer Science (IJARCS).

Invited Talk

- Keynote Speaker in the (3rd) International Webinar Series on COVID-19 Pandemic "Making Informed Decisions in Response" on 16th Dec. of 2021.
- Speaker in Short Term Programme on **Cyber Crime and Cyber Security Jamia Milia Islamia** from 20 February to 25 February, 2023

ADMINISTRATIVE WORK:

- Head of Department of Computer Science and Engineering
- Examinations coordinator and superintendent of examinations
- Coordinator NAAC committee
- Coordinator for departmental open source software committee
- Centre coordinator for IIT spoken tutorial at Jamia Hamdard

- Member of the academic council of Jamia Hamdard.
- Member of the Board of Studies of the Department of Computer Science
- Designed Outcome Based Curriculum of Post Graduate Programs
- Semester examination paper setting, examiner and evaluator of the various courses taught.
- Moderator of the semester examinations papers
- Time Table coordinator
- Post graduate Course coordinator
- External Member for Moderation Committee, Department of Computer Science, Jamia Milia Islamia.
- External Examiner at Dept of computer science JMI
- Secretary, Literary Club, Computer Science Activity Network
- Coordinator, Lecture Series
- Convener ,Annual IT festival Nerdz at Jamia Hamdard
- Disciplinary committee member
- Admission committee member

MEMBER OF PROFESSIONAL BODIES:

- Member “International Association of Computer Science and Information Technology (IACSIT)”, Singapore.
- Life Member ISTE.

COMMUNITY SERVICE/ EXTRA CURRICULAR

- Participated in the **Unnat Bharat Abhiyan** at Department of CSE, Jamia Hamdard for bringing transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India.
- IEEE Women in Engineering Group

PERSONAL INFORMATION:

Father's Name : Mr. Faizanul Haq
 Mothers's Name : Mrs. Qamar Jahan
 Date of Birth : 26/08/79.
 Marital Status : Married.
 Nationality : Indian.
 Place: New Delhi

(Dr. Farheen Siddiqui)