



Department of Computer Science and Information Technology
 School of Technology
 Maulana Azad National Urdu University (Central University)
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DR. JAMEEL AHAMED | Assistant Professor

CURRENT DESIGNATION/ INVOLVEMENT	Currently working as Assistant Professor (Senior Scale) in Department of Computer Science and Information Technology, School of Technology, Maulana Azad National Urdu University (Central University), Hyderabad, Telangana, India. (Since 13 th October, 2014).
AREA OF SPECIALIZATION	<ul style="list-style-type: none"> • Internet of Things • Machine Learning • Deep Learning
ONGOING/COMPLETED ACADEMIC RESEARCH/PROJECTS	<ol style="list-style-type: none"> 1. Research Project “Energy efficient routing protocols in WSNs” Completed. 2. Research Project “Artificial Intelligence based Health Care for Transhumant Tribal Population of Jammu & Kashmir” Ongoing. 3. Grant of 9 Lakh INR sanctioned for conduct of FDP on Sensor Networks, Internet of Things and Internet of Everything in 2019.
ACADEMIC AND ADMINISTRATIVE EXPERIENCE	<ul style="list-style-type: none"> ▪ ASSISTANT PROFESSOR, MANUU (2014 TO PRESENT) ▪ GUEST FACULTY AMU (2013 TO 2014) ▪ ASSISTANT PROCTOR (2017 TO 2021) ▪ ASSISTANT DSW (2020 TO PRESENT) ▪ SENIOR WARDEN (2023 TO PRESENT)
EDUCATIONAL QUALIFICATION	<ul style="list-style-type: none"> ▪ DOCTOR OF PHILOSOPHY, OCTOBER 2022 Department of Computer Science & Engineering, NIT Srinagar, J&K <i>Title: Semantic Interoperability and Predictive Analytics in the Internet of Things for Smart Healthcare</i> ▪ MASTER OF TECHNOLOGY, JULY 2013 Communication & I.T., National Institute of Technology Srinagar, J&K ▪ BACHELOR OF TECHNOLOGY, JUNE 2011 Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi

TEACHING PROFICIENCY

1. Internet of Things.
2. Advanced Computer Architecture
3. Analog Electronics Circuits
4. Antenna and Wave Propagation.
5. Fiber Optic Communication.
6. Communication Engineering.
7. Basic Electronics Engineering.
8. Fundamentals of Information Technology.
9. Software Engineering.
10. Wireless Mobile Network
11. Information and Communication Technology
12. Microprocessor and Assembly Language.

RESEARCH PUBLICATION DETAILS

1. Md Nadeem Noori, **Jameel Ahamed** and Mumtaz Ahmed “Matrix Factorization and Cosine Similarity based Recommendation system for cold start Problem in e-commerce Industries”, International Journal of Computing and Digital Systems (IJCDS), (ISSN: 2210-142X), **Scopus**. <https://journal.uob.edu.bh/handle/123456789/5192>
2. Ali Nadim Alhaj, N D Patel, Ajeet Singh, Mohsin Furkh Dar, **Jameel Ahamed** and Rohit Kumar Bondugula “Design and Analysis of a Robust Security Layer for Software Defined Network Framework” International Journal of Sensor Networks-**Inderscience** (ISSN: 1748-1287)(2023) **SCIE and Scopus (Impact Factor-1.1)**
3. Khaleel Ahmad, Muneera Fathima, Md.Sharif Hossen, **Jameel Ahamed**, Khairol Amali Bin Ahmad “Opportunistic Networks: An Empirical Research of Routing Protocols and Mobility Models” SN Computer Science, Springer (ISSN:2661-8907) (2023) **Scopus** <https://doi.org/10.1007/s42979-023-02054-y>
4. Md Anjar Ahsan, Khaleel Ahmad, **Jameel Ahamed**, Mohd Omar, Khairol Amali Bin Ahmad “PAPQ: Predictive Analytics of Product Quality in Industry 4.0” Sustainable Operations and Computers, –**Elsevier** (ISSN 2666-4127), 2022, **Scopus** <https://doi.org/10.1016/j.susoc.2023.02.001>
5. Mumtaz Ahmed, Neda Afreen, Muneeb Ahmed, Mustafa Sameer, **Jameel Ahamed** “An inception V3 approach for malware classification using machine learning and transfer learning”, International Journal of Intelligent Networks–**Elsevier** (ISSN 2666-6030), 2022, **Scopus** <https://doi.org/10.1016/j.ijin.2022.11.005>
6. Nadiya Zafar, **Jameel Ahamed** “Emerging Technologies for the management of COVID19 - A review” Sustainable Operations and Computers,–**Elsevier** (ISSN 2666-4127), 2022, **Scopus** <https://doi.org/10.1016/j.susoc.2022.05.002>
7. Sayar ul Hassan, **Jameel Ahamed**, Khaleel Ahmad “Analytics of Machine Learning based Algorithms for Text Classification”, Sustainable Operations and Computers, –**Elsevier** (ISSN 2666-4127), 2022, **Scopus** <https://doi.org/10.1016/j.susoc.2022.03.001>
8. **Jameel Ahamed**, Abdul Manan Koli, Khaleel Ahmad, Mohd. Alam Jamal and B.B. Gupta “CDPS-IoT: Cardiovascular Disease Prediction System Based on IoT using Machine Learning”, International Journal of Interactive Multimedia and Artificial Intelligence – IJIMAI, (ISSN 1989 - 1660), 2022 **SCIE and Scopus (Impact Factor-4.936)** <http://doi.org/10.9781/ijimai.2021.09.002>

9. **Jameel Ahamed**, Roohie Naaz Mir & Mohammad Ahsan Chishti “Industry 4.0 oriented Predictive Analytics of Cardiovascular Diseases using Machine Learning, Hyperparameter tuning and Ensemble techniques”, *Industrial Robot, Emerald*, (ISSN 0143-991x), 2021 **SCIE and Scopus. (Impact Factor 1.489)**
<https://doi.org/10.1108/IR-10-2021-0240>
10. **Jameel Ahamed**, Roohie Naaz Mir & Mohammad Ahsan Chishti “RML based Ontology Development approach in Internet of Things for Healthcare Domain”, *International Journal of Pervasive Computing and Communications, Emerald*, (ISSN 1742-7371), 2021 **ESCI and Scopus**
<https://doi.org/10.1108/IJPCC-01-2021-0026>
11. **Jameel Ahamed & Mohammad Ahsan Chishti** “Ontology based semantic interoperability approach in the Internet of Things for Healthcare domain”, *Journal of Discrete Mathematical Sciences & Cryptography (JDMSC)*, Taylor & Francis (ISSN 2169-0065) 2021, **ESCI and Scopus**
<https://doi.org/10.1080/09720529.2021.1873255>
12. **Jameel Ahamed & Mohammad Ahsan Chishti** “Semantics Interoperability in the Internet of Things- State of the Art and Prospects” *International Journal of Innovative Computing and Applications (IJICA) Inderscience* (ISSN 1751-6498) 2021, **Scopus**
<https://doi.org/10.1504/ijica.2021.113747>
13. **Jameel Ahamed**, Md Zahid, Mohd Omar and Khaleel Ahmed “AES and MQTT based security system in the Internet of Things”, *Journal of Discrete Mathematical Sciences & Cryptography (JDMSC)*, (ISSN 2169-0065), Taylor & Francis, 2019, **ESCI and Scopus**
<https://doi.org/10.1080/09720529.2019.1696553>
14. Waseem Ahmad Mir, **Jameel Ahmad** “Energy Management in Wireless Sensor Networks-A Review” *International Journal of Advanced Research in Computer Science* 8 (5), 535-539 (ISSN 0976-5697) June 2017, **Old UGC Listed** <https://doi.org/10.26483/ijarcs.v8i5.3355>
15. **Jameel Ahamed**, Hemendra Kumar Tiwari “Suppression of sidelobe power for Cognitive radios based on OFDM using windowing techniques” *International Journal of Engineering and Advanced Technology IJEAT* (ISSN: 2249-8958) April 2016 <https://www.ijeat.org/download/volume-5-issue-4/>
16. **Jameel Ahamed**, Amir Khan and Mumtaz Ahmed “Investigation of Modulators in OTDM System.” *International Journal of Computer Applications (IJCA)* 90(10):16-19, (ISSN-0975 – 8887) March 2014
<https://doi.org/10.5120/15756-4381>

DETAILS OF
CONFERENCE/SEMINAR
/WORKSHOP/ FDP
(ATTENDED/PRESENTED)

1. Shaheen Fatima, Laveena Sehgal, Mahendra Sharma, Meenu Sehrawat, Naushad Alam, Ashish Khanna, and **Jameel Ahamed** “Machine Learning Algorithms for Early Detection of Diabetes: An Indian Perspective” *ISDIA 2024, Dubai, 3rd – 4th January 2024.*
2. Nadiya Zafar, **Jameel Ahamed**, Ashish Khanna “Safeguarding IoT: Harnessing Practical Byzantine Fault Tolerance for Robust Security 4th International Conference on Data Analytics and Management (ICDAM-2023), organized by **London Metropolitan University, London, UK, 23rd – 24th June 2023.** https://doi.org/10.1007/978-981-99-6544-1_22

3. **Jameel Ahamed**, Roohie Naaz Mir, Mohammad Ahsan Chishti “Towards unification of IoT and ML for Diseases Diagnosis and Predictive Analytics” International Conference on Computing and Communication Networks (ICCCN 2022) organized by **Manchester Metropolitan University, United Kingdom, 19th -20th November, 2022** (Awarded with Best Paper Award).
4. **Jameel Ahamed**, Waseem Ahmed Mir “Performance analysis of routing Protocols in WSNs”, International Conference on Innovative Computing and Communication (ICICC-2019), VSB Technical University of Ostrava, **Ostrava Czech Republic, Europe** Springer Lecture Series (21-22 March 2019) https://doi.org/10.1007/978-981-15-0324-5_14
5. Rizwana Ahmed, Anukrati, Rehan Muzamil, M. S. Beg and **Jameel Ahamed** “Use of WSN for the Detection of metal landmines using unmanned vehicle” INDIACOM-2015, New Delhi (11-15 March 2015) <https://ieeexplore.ieee.org/document/7100218?arnumber=7100218>
6. **Jameel Ahamed**, Roohie Naaz Mir, Mohammad Ahsan Chishti “IoT and Machine Learning based Disease Monitoring and Prediction System-A Survey” International Virtual Conference on research Trends and Techniques in Mathematics and Computer Science organized by GDC, Darhal J&K and Capecomorin Publisher, TN-(28th -29th July, 2021). (Awarded with Best Paper Award).
7. Shaid Jamal, **Jameel Ahamed** (2018) “Routing Protocols in VANET- A Comparative Study” National Conference on Emerging Trends and Issues in Information Technology & Communication, MANUU Hyderabad. (17-18 March 2018).
8. Ataur Rahman Siddiqui, **Jameel Ahamed** (2018) “Internet of Things- A Survey” National Conference on Emerging Trends and Issues in Information Technology & Communication, CS&IT,MANUU Hyderabad. (17-18 March 2018).
9. **Jameel Ahamed** “Development and Designing of Massive Open Online Courses (MOOCs), SWAYAM” at National Conference on E-learning and E-learning Technologies: Prospects and Challenges, IMC, MANUU Hyderabad, (20-21 February 2018).
10. **Jameel Ahamed** “Security in WSNs” National Urdu Science Congress held at MANUU (8-9 February 2018).
11. Waseem Ahmad Mir, **Jameel Ahamed** “Energy Efficient and Reliable Routing Protocols in Wireless Sensor Networks- An Outlook” International Conference on Recent innovative trends in Computer Science and Applications (ICRITCSA-2016) M.S. Ramaiah Institute of technology Bangalore and published by International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) (ISSN-2278-1021) (21-22 October 2016). <https://ijarcce.com/wp-content/uploads/2016/11/IJARCCE-ICRITCSA-8.pdf>
12. **Jameel Ahamed** “Light Fidelity (Li-Fi)- a new era of communication”, National Conference on Current Advances in Science and Technology” (CAST - 2016), 19 March, 2016. IJESAR (ISSN-2395-0730).
13. **Jameel Ahamed**, Gausia Qazi, Mumtaz Ahmed “Investigation of sensitivity of performance to pulse shapes in OTDM system” ACEEE 4th International Conference on Emerging Trends in Engineering and Technology, GIMT Haryana (25-27 October-2013). (ISBN: 2214-0344).

DETAILS OF KEYNOTE
SPEAKER/RESOURCE
PERSON/ SESSION CHAIR
ETC.

1. Delivered a talk as a resource person for coaching of UGC NET on ICT June-2016 at CSE MANUU.
2. Delivered a talk as a Resource Person UGC NET Coaching 2017-ICT, at CSE MANUU.
3. Delivered a talk on Topic: Learning Management System in One Week Online Workshop on E- Learning for Urdu Medium Teachers from 13 to 18 July 2020 conducted by CPDUMT, MANUU on 17th July.
4. Delivered a talk on Topic: Learning Management System in One Week Online Workshop on Urdu Medium Teachers of Telangana from 19 to 23 October 2020 conducted by CPDUMT, MANUU on 22.10.2020.
5. Delivered a talk on Topic: ICT tools for Research in One Week Workshop on Action Research 7th to 11th Dec 2020 conducted by CPDUMT, MANUU on 11 Dec, 2020.
6. Delivered a talk on Topic: ICT tools for Writing and Publishing Reports in One Week Workshop on Research Methodology & ICT Tools for Research Scholars Research 11th to 19th April Dec 2021 conducted by CPDUMT, MANUU on 16th April, 2021.
7. Delivered a talk on Topic: 5G and Future of IoT in relation to three day workshop on 5G Revolution by Department of Computer Science and Electronics, Christian Eminent College, Indore on 19 June 2021.
8. Delivered a talk on Topic Quality Education, Accreditation and Teacher Development in the Webinar on NEP by Department of CS&IT, MANUU Hyderabad on 4th August 2021.
9. Delivered a talk on Moodle in five days Workshop on e content development and online pedagogy by UGC HRDC, MANUU 25th to 30th October 2021.
10. Delivered a talk on Introduction to Internet of Things in IEEE Envision 2022 at Vardhaman College of Engineering, Hyderabad on 1st July 2022.
11. Delivered a talk on Internet of Things in DST Sponsored FDP on Emerging Technologies scheduled from 1-14 August 2022 at SEST, Jamia Hamdard, New Delhi on 5th August, 2022.
12. Delivered a talk on Topic: Computer Skills for Teachers in Two Day Training Programme for Urdu Medium and Madarsa Teachers at Shaheen Group of Institutions, Bidar from 14th to 15th Sept 2022 conducted by CPDUMT, MANUU on 14 Sept, 2022.
13. Delivered a talk on topic ChatGPT for teachers in two days workshop on Innovative Pedagogies conducted by CPDUMT, MANUU from 26th to 27th September, 2023.
14. Delivered a talk on topic ICT Tools for Research in Basic Science in two weeks Refresher Course on General Sciences conducted by HRDC, MANUU from 4th to 17th October, 2023.

WORKSHOPS/REFRESHER
COURSES/CONFERENCES/
FDPS
ATTENDED/COORDINATED

1. Participated in ACEEE "International Conference on Emerging Trends in Engineering and Technology" IETET-2013 held at GMT Kurukshetra Haryana. (25th to 27th October 2013).
2. Organizing member of "International Conference on Multimedia, Signal Processing and Communication Technologies" (IMPACT) -

2013 held at ZHCET AMU Aligarh, U.P. (23rd to 25th November 2013).

3. Attended a one day International workshop on “4G-LTE” held at AMU Aligarh, U.P. (24th November 2013).
4. Attended a two day International Workshop on “Software defined radio (SDR) Development using LabVIEW” held at IITRoorkee, Roorkee, Uttrakhand. (4th to 5th February 2014).
5. Attended a three day workshop on “Integration of Hardware using LabVIEW” held at Department of Chemical Engineering, ZHCET, AMU Aligarh, U.P.(8th to 10th February).
6. Attended a three National workshop on “RF and Microwave Technologies” held at Tezpur University, Assam jointly organized by SAMEER and T.U. (24th to 26th March, 2014).
7. Attended a two day International Conference ERCICA-2015 held in NMIT Bangalore from 31st July to 1st August, 2015.
8. Acted as Session Convener in National Urdu Science Congress held at MANUU (16-17 February 2017).
9. Acted as Session Convener in National Urdu Science Congress held at MANUU (8-9 February 2018). Also Presented a Paper.
10. Organizing member of National Conference on Emerging Trends and Issues in Information Technology & Communication, MANUU Hyderabad. (17-18 March 2018).
11. Attended 2nd National Conference on Computational Methods, Data Science and Applications held at Department of CS&IT, MANUU Hyderabad from 24th-25th May, 2021.
12. Acted as Session Chair in International Virtual Conference on Recent Trends and Techniques in Mathematical and Computer Science held at GDC Darhal (28-29th July 2021).
13. Acted as Session Chair in Two Days International Peace Conference on Building Peace for an Equitable & Sustainable World held at GDC Poonch (23-24th July 2022).

OC/RC/FDPs Attended

1. Attended a 28 days General Orientation Course from 29-11-2016 to 26-12-2016 in HRDC Punjab University, Chandigarh.
2. Attended a one week program conducted by UGC HRDC MANUU and KALEM AMU 1st May to 7th May, 2017.
3. Attended a Refresher course in Disaster management of three weeks conducted by UGC-HRDC MANUU. (5th -25th February 2019).
4. Attended a two weeks FDP in CS&IT conducted by UGC-HRDC MANUU (25 July to 7th August 2019)
5. Attended a one week TOT Program conducted by NITTTR Bhopal from November 11th to 15th, 2019.
6. Attended a one week FDP on AI conducted by MANUU Polytechnic and AICTE ATAL, 16-20 Dec, 2019.
7. Attended a one week FDP on IoT conducted by IIIT Kottayam and AICTE ATAL, 14-18 Sept, 2020.
8. Attended a one week FDP on Data Science conducted by NIT Karnataka and AICTE ATAL, 21-25 Sept, 2020.
9. Attended a three week Industrial Training at RTTC, BSNL Hyderabad 16 Nov. to 05 Dec. 2020.

10. Attended a one week FDP on “Research Challenges and Emerging Trends in Ontology and Data Science for Deep Learning” organized by IQAC, MVJ College of Engineering, Bangalore from 07th to 12th Dec. 2020.
11. Completed 8 online Modules MOOCs by NITTT & SWAYAM under AICTE Teacher Training Policy, Jan, 2021.
12. Attended a one week FDP on AR and VR by MANUU Polytechnic from 09 August to 13 August 2021.
13. Completed one week FDP on Data Science from 22 to 26 November 2021 by Department of CS&IT, MANUU Hyderabad.
14. Completed one week AICTE ISTE sponsored FDP on Induction / Refresher Program (online) titled “Pedagogy Workshop On Innovative Teaching And Learning” during 04/01/2022 to 10/01/2022 organized by Department of Mechanical Engineering, Gandhi institute For Technology(GIFT), Bhubaneswar.
15. Completed a one week FDP on "Redesigning Pedagogy: Educating for Innovation & Fostering for Society" from 17/01/2022 to 21/01/2022 at A. R. College of Pharmacy and G. H. Patel Institute of Pharmacy.
16. Completed a one week FDP on "Inculcating Universal Human Values in Technical Education" from 14/03/2022 to 18/03/2022 by AICTE.
17. Attended a three week Industrial Training at RTTC, BSNL Hyderabad 19 Dec. to 31 Dec. 2022.
18. Attended a one week FDP on AI & QML conducted by Department of CS&IT, MANUU and AICTE ATAL, 20-25 November, 2023.
19. Attended a one week FDP on Emerging Research Trends in Computer science conducted by Department of CS&IT, MANUU 16-20 January, 2024.

RC/FDPs Coordinated

1. Coordinated a 2 week FDP on “Sensor Networks, Internet of Things and Internet of Everything” sponsored by DST in 25th November to 08th December 2019.
2. Coordinated a one week FDP on “Research Methodology and ICT Tools” by CPDUMT, MANUU, 11th to 15th April 2021.
3. Coordinated a 2 week Refresher Course on “Computer Science and Information Technology” organized by UGC HRDC MANUU 21st July to 03rd August 2022.

DETAILS OF SUPERVISION
PH.D. CS (ONGOING)

1.	Ismath Fathima, Recommendation System,	2021
2.	Mohd Mustaffeez Ul Haque, Recommendation System,	2021
3.	Jawad Fallah Rajabi, AI for Healthcare,	2022
4.	Mujhaid Pasha Syed, AI for Healthcare,	2023
5.	Zulfiqar Ali, AI for Healthcare	2023

DETAILS OF SUPERVISION
M.TECH CS

S.No	Name	Title	Year
1.	Waseem Ahmed Mir	Routing Protocols in Adhoc Wireless Networks	2017
2.	Shaid Jamal	Routing Protocols in VANET	2018
3.	Md. Zahid	Security challenges in IoT	2019

4.	Md. Alam Jamal	Disease Prediction using IoT and Machine learning	2019
5.	Ashna Firdous	AQI Onto : An Ontological Profile for Air Pollution Analysis	2020
6.	Sayar Ul Hasan	Text Classification Using Machine Learning Techniques	2021
7.	Nadiya Zafar,	Practical Byzantine Fault Tolerance based security in IoT	2022
8.	Shaheen Fatima	Diabetes Detection Using Machine Learning Techniques: A Comparative Performance Analysis	2023
9.	Md Noori Nadeem	Matrix Factorization And Cosine Similarity Based Recommendation System For Cold Start Problem In E-Commerce Industries	2023

PROFESSIONAL MEMBERSHIPS

- LIFETIME MEMBERSHIP OF SOCIETY OF DIGITAL INFORMATION AND WIRELESS COMMUNICATIONS (SWIDC)
- LIFETIME MEMBERSHIP OF INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA)
- MEMBERSHIP OF INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

PERSONAL DETAILS

Father's Name : Lal Hussain
Date of Birth : 03.05.1989
Gender : Male
Marital Status : Married
Nationality : INDIAN
Language Known : URDU, HINDI, ENGLISH, GOJRI

Date: 08.03.2024

Place: HYDERABAD

(DR. JAMEEL AHAMED)