

Dr. Mohd. Naseem

Senior Assistant Professor, Department of Computer Sciences  
BGSB University, Rajouri, Jammu and Kashmir, India - 185234,

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Curriculum Vitaé

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## Career Objective

To work with such an organization, where I can continuously enhance my skills and knowledge along with my contribution towards the growth of the organization.

## Academic Qualifications

- 2012 - 2016 **Doctor of Philosophy (Ph.D)**, Department of Computer Science and Engineering, Indian Institute of Technology, Indian School of Mines, Dhanbad, (**IIT (ISM) Dhanbad**), Jharkhand, India. **Awarded** on 08<sup>th</sup> February 2016 .  
**Thesis:** Study and Development of Load Balancing Routing Protocols for MANETs
- 2008-2011 **Master of Computer Applications (M.C.A)**, Department of Computer Science, **Aligarh Muslim University**, Aligarh, Uttar Pradesh, India, Percentage – 76.16 First Class.  
**Thesis:** Linux based Cluster Formation in testing of parallel programs (Using MPI)
- 2004–2007 **Bachelor of Science (B. Sc.) (Hons.)**, Department of Physics, **Aligarh Muslim University**, Aligarh, Uttar Pradesh, India, Percentage – 69.4 First Class.  
Subject(s): Physics (Main), Mathematics, Chemistry, English

## Books

- December 2024 **Mohd Naseem**, E. H. Abbasi, Gulfam Ahamad "The Impact of COVID-19 on the Agriculture Sector" **Green Economics Institute Publishing House, UK, (Publication Under Process)**.
- September 2019 **Mohd Naseem**, "Study and Development of Load Balancing Routing Protocols for MANETs" **LAP LAMBERT Academic Publishing, Germany, ISBN: 978-6200323422**.

## Research Projects

S.No	Title	Role	Amount	Duration	Agency	Scheme
1.	Design and Implementation of Virtual Security Systems in Remotely Located Educational Institutes using Internet of Things (IoT)	PI	7.1 Lakh	2 Years	Department of Science & Technology	Govt. of Jammu & Kashmir J&K Science Technology & Innovation Council

## PhD Guidance

S. No.	Name	Title	Date of Registration	Course	Status
1	Farhana Ajaz	Study and Development of Routing Protocols for Internet of Vehicles	25 July 2019	PhD	Awarded on (25/10/2024)

## Articles Published in SCI/SCIE/ISI Indexed Journals

- February 2025 Farhana Ajaz, **Mohd. Naseem\***, Mohammad Shahbaz, Gulfam Ahamad "Cluster based Lion Optimization Routing Protocol for Internet of Vehicles (CLORP)", *Transactions on Emerging Telecommunications Technologies (Wiley, USA)*, **Impact Factor 2.5, (SCIE Indexed) (Accepted)**.
- March 2024 Farhana Ajaz, **Mohd. Naseem\***, Mohammad Shahbaz, Muhammad Attique Khan "An Architectural View of VANETs Cloud: its Models, Services, Applications and Challenges", *International Journal of Web and Grid Services (InderScience)*, Volume 20, Issue 3, pp. 292-341, **Impact Factor 1.00, (SCIE Indexed)**.
- July 2023 Farhana Ajaz, **Mohd. Naseem\***, Gulfam Ahamad, "IP address allocation protocols in vehicular ad hoc networks", *International Journal of Communication Systems (Wiley, USA)*, Volume 36, Issue 10, e5490, **Impact Factor 2.1, (ISI and SCIE Indexed)**.
- January 2022 Farhana Ajaz, **Mohd Naseem\***, Sparsh Sharma, Gaurav Dhiman, Mohammad Shabaz, S.Vimal, "Architecture and Routing Protocols for Internet of Vehicles: A Review", *International Journal of Ad Hoc and Ubiquitous Computing (InderScience, Switzerland)*, Volume 40, Issue 1-3, pp 159-175 **Impact Factor 0.773, (SCIE Indexed)**.
- November 2021 **Mohd Naseem\***, Gulfam Ahamad, Sparsh Sharma, Ehtesham Abbasi, "EE-LB-AOMDV: An Efficient Energy Constraints based Load Balanced Multipath Routing protocol for MANETs", *International Journal of Communication Systems (Wiley, USA)*, Volume 34, Issue 16, e4946, **Impact Factor 2.1, (ISI and SCIE Indexed)**.
- March 2021 Farhana Ajaz, **Mohd Naseem\***, Sparsh Sharma, Mohammad Shabaz, Gaurav Dhiman, "COVID-19: Challenges and its Technological Solutions using IoT", *Current Medical Imaging (Bentham Science Publisher)*, Volume 18, Issue 2, pp. 113-123, PMID: 33588738, **Impact Factor 1.315, (SCIE Indexed)**.
- December 2020 Sparsh Sharma, Suhaib Ahmed, **Mohd Naseem**, Waleed S. Alnumay, Saurabh Singh \*, Gi Hwan Cho \*, "A Survey on Applications of Artificial Intelligence for Pre-Parametric Project Cost and Soil's Shear Strength Estimation in Construction and Geotechnical Engineering", *Sensors (Multidisciplinary Digital Publishing Institute)*, Volume 21, Issue 2, pp. 463, 2020, **Impact Factor 3.847, (SCIE Indexed)**.
- January 2017 **Mohd Naseem\***, Chiranjeep Kumar, "QSLB: Queue Size based single path load balancing routing protocol for mobile ad hoc networks", *International Journal of Ad Hoc and Ubiquitous Computing (InderScience, Switzerland)*, Volume 24, Nos. 1/2, 2017, **Impact Factor 0.773, (SCIE Indexed)**.
- May 2016 **Mohd Naseem\***, Chiranjeep Kumar, "Queue based multiple path load balancing routing protocol for MANETs", *International Journal of Communication Systems (Wiley, USA)*, Volume 30, Issue 6, e3141, **Impact Factor 2.1, (ISI and SCIE Indexed)**.
- May 2015 **Mohd Naseem\***, Chiranjeep Kumar, "Congestion-aware Fibonacci sequence based multi-path load balancing routing protocol for MANETs" *Wireless personnel communication (Springer Heidelberg, Germany)*, Volume 84, Issue 4, pp. 2955-2974, **Impact Factor 2.636, (SCIE Indexed)**.

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## Articles Published in SCOPUS Indexed Journals

- January 2024 Farhana Ajaz, **Mohd. Naseem\***, "Simulation of Routing protocols for IoV in Real Time Mobility Model Environment", *SN Computer Science (Springer)*, Volume 5 (**Published**).
- January 2024 Reyaz, N., Ahamad G\*, Khan N.J., **Mohd. Naseem\***, , Ali, J. "SVMCTI: support vector machine based cricket talent identification model", *International Journal of Information Technology, (Springer)*, Volume 16, pp. 1931-1944, (**Published**).
- July 2023 Nahida Reyaz\*, Gulfam Ahamad, **Mohd Naseem**, Javed Ali, "Information communication and technology in sports: a meticulous review", *Front. Sports Act. Living 5:1199333*, Volume 5, DOI: 10.1007/s41870-022-00984-z (**Published**).
- January 2023 Naveed Jeelani Khan, Gulfam Ahamad\*, Nahida Reyaz, **Mohd Naseem**, "Optimal feature selection for cricket talent identification", *International Journal of Advanced Technology and Engineering Exploration*, Vol. 10, Issue. 98, pp. 67-86 (**Published**).
- April 2022 Khan N.J., Ahamad G\*, **Mohd. Naseem**, "An IoT/FOG based framework for sports talent identification in COVID-19 like situations", *International Journal of Information Technology*, Springer, Volume 14, Issue 5, pp. 2513-2521 (**Published**).
- February 2022 Khan N.J., Ahamad G\*, **Mohd. Naseem\***, S. S. Sohail, "Computational Efficiency in Sports Talent Identification - A Systematic Review", *International Journal of Applied Decision Sciences*, InderScience, Volume 16, Issue 3, pp. 358-384 (**Published**).
- July 2018 Japman Kaur Dhaliwal, **Mohd. Naseem\***, Aadil Ahamad Lawaye, E. H. Abbasi, "Fibonacci Series Based Virtual Machine Selection For Load Balancing In Cloud Computing", *International Journal of Engineering & Technology.*, Volume 7, No. 3.12, 2018, **Impact Factor 0.77**.
- January 2017 Abbasi, E.H., Singh, A., Constantinescu, M., Khan, A. and **Mohd Naseem**, "Making Indian companies CDM compatible: towards a green financial strategy", *International Journal of Green Economics, (InderScience, Switzerland)*, Vol. 11, No. 1, pp.62-76 , **Impact Factor 0.4**.

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## Book Chapters published in Book Series Indexed in Web of Science, SCOPUS or DBLP

- July 2020 Sparsh Sharma, Abrar Ahmed, Surbhi Sharma, **Mohd. Naseem**, "Machine Learning for Solving Plaetbora of Internet of Things Problems", (*Intelligent Communication and Automation Systems*) *CRC Press, Taylor and Francis Group*, pp. 255-274, **SCOPUS Indexed**.
- June 2020 Farhana Ajaz, **Mohd. Naseem\***, Gulfam Ahamad, Sparsh Sharma, Ehtesham Abbasi, "An Analysis of Cloud Computing based on Internet of Things", (*An Integration of Cloud Computing with IoT: Foundation, Analytics and Applications, Wiley, USA.*), pp. 197-210, **SCOPUS Indexed**.
- May 2020 Naveed Jeelani, Gulfam Ahamad, **Mohd. Naseem** and Qamar Rayees Khan, "Fuzzy Discrete Event Systems (FDES): A Survey", (*Lecture Notes in Electrical Engineering (LNEE), Springer, Singapore.*), Volume 723, pp 531-544, **SCOPUS Indexed**.

April 2020 Farhana Ajaz, **Mohd. Naseem\***, Gulfam Ahamad, Qamar Rayees Khan, Sparsh Sharma, Ehtesham Abbasi, "Routing Protocols for Internet of Vehicles: A Review", In: Malik H., Fatema N., Alzubi J.A. (eds), AI and Machine Learning Paradigms for Health Monitoring System. **Studies in Big Data**, Volume 86. pp. 96-103, Springer, Singapore, *ISI web of Science Indexed*.

## Presented Papers in International Conferences

- January 2025 **Mohd Naseem\***, Vinayak Khajuria, Gulfam Ahamad, "Virtual Fencing for Security: A Comprehensive Review", Published in **2025 International Conference on Computational Methods, Data Science & Networking (ICCMDN-2025)**, organized by Department of Computer Science & Information Technology Maulana Azad National Urdu University, Hyderabad on 16-17th January, 2025.
- January 2025 Gulfam Ahamad, **Mohd Naseem**, Sanjay Jamwal, Suhail Basheer, "Machine Learning based model for Apple Disease Prediction & Prescription: A Review & Proposed Architecture", Published in **2025 International Conference on Computational Methods, Data Science & Networking (ICCMDN-2025)**, organized by Department of Computer Science & Information Technology Maulana Azad National Urdu University, Hyderabad on 16-17th January, 2025.
- June 2022 **Mohd Naseem\***, Efra Ashraf, Syeeda Manzoor, Majid Bashir Malik, Gulfam Ahamad, Farhad Ilahi Bakhsh, "Architecture for using Machine Learning for Prediction of Pneumonia disease through Clinical Symptoms", Published in **2nd IEEE International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET- 2022)**, organized by National Institute of Technology, Patna, India on 24-25th June, 2022., *DOI: 10.1109/ICEFEET51821.2022.9848210*
- June 2022 **Mohd Naseem\***, Vishvendra Singh, Khalil Ahmed, Mohd. Mahroof, Gulfam Ahamad, Ehtesham Abbasi, "Architecture of Automatic Irrigation System in Hilly Area using Wireless Sensor Network: A Review", Published in **2nd IEEE International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET- 2022)**, organized by National Institute of Technology, Patna, India on 24-25th June, 2022., *DOI: 10.1109/ICEFEET51821.2022.9847913*
- June 2022 Nahida Reyaz, Gulfam Ahamad, Naveed Jeelani Khan, **Mohd. Naseem**, "Machine Learning in Sports Talent Identification: A Systematic Review", Published in **2nd IEEE International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET- 2022)**, organized by National Institute of Technology, Patna, India on 24-25th June, 2022., *DOI: 10.1109/ICEFEET51821.2022.9848247*
- July 2022 Gulfam Ahamad, Owais Ahmad Wagay, Basit Iqbal, **Mohd. Naseem**, "A Framework for Identifying Apple Disease and relevant Prescription Recommendation: Review & Proposed Architecture", Published in **Proceeding on International Conference on Information Processing and Computing and Computing (ICIPC-2022)**, Organized by Department of Information Technology, QIS College of Engineering and Technology, Ongole, Andhra Pradesh, India & Oakland University, Rochester, Michigan, USA. **(Accepted)**

- December 2020 Sparsh Sharma, Vinit Jhakeriya, Ajay Kaul, Abrar Ahmed Raza, Suhaib Ahmed Batt, **Mohd. Naseem**, "Automatic Prediction of Road Angles using Deep Learning based Transfer Learning Models", Published in **IOP Conference Series: Material Science and Engineering**, Volume 1099, No. 1, pp. 012060, 2021, Impact Factor 0.572
- November 2014 **Mohd Naseem**, Chiranjeev Kumar, "Distributed bandwidth guarantee using Multi-path routing protocol in Mobile ad hoc network", **2014 1<sup>st</sup> International Conference on Science Engineering and Management Research (ICSEMR 2014)** held at Vel Tech MultiTech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai, Tamilnadu, (India), 27-29 November 2014, pp. 1-5.
- December 2013 **Mohd Naseem\***, Chiranjeev Kumar, "EDSDV: Efficient DSDV Routing Protocol for MANET", **2013 IEEE International Conference on Computational Intelligence and Computing Research (IEEE ICCIC)** Organized by Vickram College of Engineering, Enathi, Madurai, Tamilnadu, (India), 26-28 December, 2013, pp. 1-4.
- December 2012 Dhirendre Kumar Sharma, **Mohd Naseem**, Chiranjeev Kumar, "ERP: An energy-efficient Reactive Routing Protocol for Mobile Ad-Hoc Networks", **International Conference on Recent Trends in Engineering & Technology (ICRTET)** held at Karol Bagh, New Delhi, (India), 23 December, 2012, pp. 13-17.

## Research Guidance

S. No.	Name	Title	Date of Registration	Course	Status
1	Farhana Ajaz	Study and Development of Routing Protocols for Internet of Vehicles	25 July 2019	PhD	Awarded on (25/10/2024)
3	Japman Kaur Dhaliwal	Fibonacci Series Based Virtual Machine Selection for Load Balancing in Cloud Computing	24 December 2016	M. Tech	Completed (15/12/2017)
4	Vishvendra Singh, Khalil Ahmed, Mohd. Mahroof	Architecture of Automatic Irrigation System in Hilly Area using Wireless Sensor Network: A Review	24 December 2021	MCA (Project)	Completed (25/08/2022)
5	Efra Ashraf, Syeeda Manzoor	Architecture for using Machine Learning for Prediction of Pneumonia disease through Clinical Symptoms	24 December 2021	MCA (Project)	Completed (25/08/2022)

## Present Employment

- Dec 2021 - Present **Senior Assistant Professor**, *Department of Computer Sciences, Baba Gulam Shah Badshah University, Rajouri, J&K, India-185234.*  
\* **Government University**
- Dec 2017 - Dec 2021 **Assistant Professor**, *Department of Computer Sciences, Baba Gulam Shah Badshah University, Rajouri, J&K, India-185234.*  
\* **Government University**

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## Past Experience

July, 2017 - **Assistant Professor**, *Department of Computer Science & Engineering, Thapar Institute of Engineering & Technology (Thapar University), Patiala, Panjab, India-147001.*

\* **One of the best Private University in India**

July, 2016 - **Lecturer (Contractual)**, *Department of Computer Science & Engineering, Thapar Institute of Engineering & Technology (Thapar University), Patiala, Panjab, India-147001.*

\* **One of the best Private University in India**

July 2015 - **Ad Hoc Faculty**, *Department of Computer Applications, National Institute of Technology, Jamshedpur (NIT Jamshedpur), Jharkhand, India-831014.*

\* **One of the best Government University**

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## Fellowship

Feb 2014 - **Senior Research Fellow**, *Department of Computer Science and Engineering, Indian School of Mines, Dhanbad, Jharkhand (IIT (ISM)), Jharkhand, India-826004.*

\* **Ranked in Top 20 Engineering Institutes in India**

Feb 2012 - **Junior Research Fellow**, *Department of Computer Science and Engineering, Indian School of Mines, Dhanbad, Jharkhand (IIT (ISM)), Jharkhand, India-826004.*

\* **Ranked in Top 20 Engineering Institutes in India**

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## Achievements

- Received the **Best Paper Award**, 2014 1<sup>st</sup> International Conference on Science Engineering and Management Research (ICSEMR) held at Vel Tech MultiTech Engineering College, Avadi, Chennai, Tamilnadu, (India), 27-29 November 2014. (IEEE conference)
- Received the **Young Investigator Award**, International Conference on Recent Trends in Engineering & Technology (ICRTET) held at Karol Bagh, New Delhi, (India), 23 December, 2012.
- Got the **1st Rank** in the PhD entrance examination conducted by Indian Institute of Technology, Indian school of Mines, Dhanbad, India in 2012.
- Qualified IIT ISM Dhanbad **Junior Research Fellowship** in 2012.
- Qualified **GATE Exam** in 2012.
- Qualified IIT ISM Dhanbad **Senior Research Fellowship** in 2014.
- Qualified **UGC NET Exam** conducted by CBSE in July 2018.
- Qualified **UGC NET Exam** conducted by NTA in January 2019.
- Qualified **UGC NET Exam** conducted by NTA in July 2019.

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## Ph. D. Thesis

Title *Study and Development of Load Balancing Routing Protocols for MANETs*

Supervisor Prof. Chiranjeev Kumar

Professor & Head, Department of Computer Science & Engineering, Indian Institute of Technology, Indian School of Mines (IIT ISM), Dhanbad, Jharkhand, India - 826004

- Description The purpose of this study is carry out research with the following main objectives:
- Study of various routing algorithms of mobile ad hoc networks, their QoS and load balancing.
  - Development of new efficient load balancing routing algorithms.
  - Relative performance comparison of newly proposed routing algorithms with the existing ones.

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## M.C.A Thesis

Title *Linux based Cluster Formation in testing of parallel programs (Using Message Passing Interface (MPI))*

Supervisor Mr. Suhel Mustajab  
Associate Professor, Department of Computer Sciences, Aligarh Muslim University, Aligarh, U.P, India - 202002

Description In this project, we make Beowulf cluster using message passing interface (MPI), which is used to execute parallel programs. For this firstly we have to give static ip address so that we can access this machine using remote machine, then we install secure shell (SSH) and configure this. After this we have to make ssh password-less i.e we are able to login in this machine without asking the password, then download and install MPICH and configure it. Now write parallel MPI programs and execute it.

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## Professional Activities

### Conference/FDP organized

- September, 2023 **Co-Organizing Secretary**, for 1 week Faculty Development Programme on, **Cyber Security in the Era of Artificial Intelligence**, held on 18<sup>th</sup> September – 22<sup>nd</sup>, September 2022 Department of Computer Sciences, Baba Ghulam Shah Badshah University, Jammu and Kashmir, India-185234.
- March, 2022 **Organizing Secretary**, for 1 week Faculty Development Programme on, **Data Science Applications in Sciences and Technologies**, held on 28<sup>th</sup> March – 1<sup>st</sup>, April 2022 Department of Computer Sciences, Baba Ghulam Shah Badshah University, Jammu and Kashmir, India-185234.
- August, 2021 **Organizing Secretary**, for 1 week Faculty Development Programme on, **Cyber Security in Digital Era**, held on 23<sup>rd</sup> – 27<sup>th</sup>, August 2021 at Department of Computer Sciences, Baba Ghulam Shah Badshah University, Jammu and Kashmir, India-185234.
- October, 2020 **Organizing Secretary**, for 1 week Faculty Development Programme on, **Scientific Writing using LaTeX**, held on 5<sup>th</sup> – 9<sup>th</sup>, October 2020, at Department of Computer Sciences, Baba Ghulam Shah Badshah University, Jammu and Kashmir, India-185234.

## Expert Talk

- **Expert Talk** in One Week online Workshop on “Research Methodology & Data Analysis using Open Source Software” organized by Rajiv Gandhi South Campus, Banaras Hindu University(BHU), sponsored and supported by Institute of Eminence(BHU), U.P, India from 7<sup>th</sup> – 11<sup>th</sup> March, 2022.
- **Expert Talk** in One-Week Online Faculty Development Programme on "Scientific Writing using LaTeX " organized by Department of Computer Applications, Madanapalle Institute of Technology & Science (MITS), Madanapalle, AP, India from 22<sup>nd</sup> – 26<sup>th</sup> March 2021.
- **Expert Lecture** in One Week Faculty Development Programme on “Scientific Writing Using Latex” under the banner of Kamyabi-An initiative in Career Development, organized by Department of Computer Sciences, BGSB University, Rajouri, from 5<sup>th</sup> – 9<sup>th</sup> of October, 2020.
- **Expert Lecture** in one week short term course on "Recent Advances in Power & Energy Engineering" organized by Department of ERE, College of Engineering and Technology, BGSB University, Rajouri, j&K, India in 2018

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## Program Committee/Technical Committee

- April, 2019 **Organizing Committee**, for 2 week Faculty Development Programme on, **Machine Learning**, held on 22<sup>th</sup> April – 4<sup>th</sup> May, 2019 at Department of Computer Sciences, Baba Ghulam Shah Badshah University, Jammu and Kashmir, India-185234.
- August, 2018 **Technical Program Committee**, in 4<sup>th</sup> International Conference on Computing Sciences, **FEYNMAN100**, held on 30<sup>th</sup> August – 31<sup>th</sup> August, 2018 at Department of Computer Sciences, Lovely Professional University, Panjab, India.
- December, 2018 **OutReach Committee**, in 5<sup>th</sup> International Conference on Recent Trends in Computing, **ICRTC-18**, held on 27<sup>th</sup> – 28<sup>th</sup> December, 2018 at SRM Institute of Science and Technology, NCR Campus, Ghaziabad, Delhi, India.
- May, 2021 **Program Committee**, in Workshop on Computer Networks & Communications, **WCNC 2021**, held on 30<sup>th</sup> April – 1<sup>st</sup> May, 2021 at Department of Computer Sciences, Lovely Professional University, Panjab, India.
- March, 2022 **Technical Program Committee**, in 9<sup>th</sup> International Conference as , **INDIACom-2022**, to be held on 23<sup>th</sup> March – 25<sup>th</sup> March, 2022 at Bharati Vidyapeeth, New Delhi, India.
- July, 2020 **Co-Session Chair**, in International Conference on Renewal Power , **(ICRP 2020)**, organized by College of Engineering and Technology, BGSB University, Rajouri, j&K, India.



## Area of Interest

- Routing Protocols in Mobile Ad Hoc Network (MANETs)
- Energy-efficient routing protocols in MANETs
- Wireless Sensor Network
- Under Water Communication
- Load balancing in MANETs
- QoS in MANETs
- Routing in Internet of Vehicles
- Load Balancing in VANETs

## Reviewers of Journals/Book Chapters/Conferences

- o **Ad Hoc Networks, Elsevier.**
- o **Future Generation Computer Systems, Elsevier**
- o **Wireless Personnel Communication, Springer.**
- o **International Journal of Communication Systems, Wiley.**
- o **International Journal of Information Technology, Springer.**
- o **Concurrency and Computation: Practice and Experience**
- o **EAI Endorsed Transactions on Energy Web**
- o **IEEE Access**
- o **Archives of Computational Methods in Engineering (ARCO)**
- o **Frontiers of Information Technology & Electronic Engineering, Springer.**
- o **Iran Journal of Computer Science. Springer.**
- o **Indian Journal of Science and Technology, Indian Society for Education and Environment**
- o **Applications of Soft Computing for the Web, Springer.**
- o **Computational Intelligent Security in Wireless Communications, in book series "Wireless Communications and Networking Technologies: Classification, Advancement and Application" CRC Press, Taylor and Francis Group**
- o **3<sup>rd</sup> International Conference on "Recent Advances in Information Technology (RAIT-2016)" is being organized by the Department of Computer Science & Engineering at IIT ISM, Dhanbad, Jharkhand, India.**
- o **4<sup>th</sup> International Conference on Recent Advances in Information Technology (RAIT-2018), organized by the Department of Computer Science & Engineering, at IIT (ISM), Dhanbad (India).**
- o **4<sup>th</sup> International Conference on Emerging Smart Computing & Informatics, organized by AISSMS Institute of Information Technology, Pune, Maharashtra (INDIA)**
- o **International Conference on Renewal Power (ICRP 2020) organized by College of Engineering and Technology, BGSB University, Rajouri, j&K, India**
- o **2022 IEEE World Conference on Applied Intelligence and Computing organized by Rajkiya Engineering College, Sonbhadra, UP, India**

## Membership in the Professional Bodies:

- Internet Society (ISOC).
- International Association of Engineers (IAENG).
- UACEE (Universal Association of Computer and Electronics Engineers).
- Association for Computing Machinery (ACM)(Computer Science Teacher Association CSTA).
- Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST).

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## Administrative

- September, 2024 **Board of Studies Coordinator**, for *Syllabus of MCA and Integrated-MCA*, at Department of Computer Science, BGSBU University, Rajouri , Jammu & Kashmir. India-185234
- January, 2020 **Board of Studies Coordinator**, for *Syllabus of MCA and Integrated-MCA*, at Department of Computer Science, BGSBU University, Rajouri , Jammu & Kashmir. India-185234
- Dec, 2020 **Micro-Observer**, for *Panchayat election*, Sialsui, Rajouri, Jammu and Kashmir, India-185234.
- April, 2018 - Till Date **SWAYAM and MOOCs Mentor**, for *Online courses at Department of Computer Sciences & Information Technology, BGSBU University, Rajouri , Jammu & Kashmir, India-185234.*
- April, 2018 - Till Date **Departmental Placement Coordinator**,, at *Department of Computer Sciences, BGSBU University, Rajouri , Jammu & Kashmir, India-185234.*
- December, 2018 - Till Date **Coordinator, Kaamyabi initiative**, for *proper guidance for various competitive examinations and career counsellings to the students*, at Department of Computer Science, BGSBU University, Rajouri , Jammu & Kashmir. India-185234
- July, 2016 - Dec 2017 **Member of Data Collection Committee**, for *NBA, NIRF, NAAC, ABET, UGC and AICTE at Department of Computer Science & Engineering, Thapar University, Patiala , Panjab, India-147001 and BGSBU University, Rajouri, J&K, India.*
- Dec, 2016 - June, 2017 **Co-ordinator**, for *Time Table Management at Department of Computer Science & Engineering, Thapar University, Patiala , Panjab, India-147001.*

July, 2015 - **Faculty In-charge**, for *Estate module in Management Information System software (MIS)*, at Department of Computer Science, National Institute of Technology, Jamshedpur, Jharkhand, India-831014.

Dec, 2015 **Section Magistrate**, for *Panchayat election*, Seraikhela kharsawa, Jharkhand, India-831014.

March, 2016 **Member in Webcast committee**, for *6<sup>th</sup> Convocation of NIT Jamshedpur*, Jamshedpur, Jharkhand, India-831014.

## Subject Taught

S. No.	Year	Course Title	University	Students Level
1	2014	C language	IIT ISM Dhanbad	UG (B Tech)
2	2014	Data Structure	IIT ISM Dhanbad	UG (B Tech)
3	2015	Database Management System	IIT ISM Dhanbad	UG (B Tech)
4	2015	Computer Networks	NIT Jamshedpur	PG (MCA)
5	2015	Optimization Techniques	NIT Jamshedpur	PG (MCA)
6	2016	Object Oriented Programming	NIT Jamshedpur	PG (MCA)
7	2016	Big Data Analysis and Business Intelligence	Thapar University	UG (B Tech)
8	2017	Java Programming	Thapar University	UG (B Tech)
9	2017	Invention and Innovation in Computing	Thapar University	UG (B Tech)
10	2017	C Programming	Thapar University	UG (B Tech)
11	2018	Computer System Architecture	BSBU University	PG (MCA)
12	2018	Design and Analysis of Algorithms	BSBU University	PG (MCA)
13	2018	Wireless & Mobile Communications	BSBU University	PG (MCA)
14	2019	Theory of Computations	BSBU University	PG (MCA)
15	2021	Operation Research	BSBU University	PG (MCA)
16	2022	Computer Graphics	BSBU University	PG (MCA)
17	2022	Internet of Things	BSBU University	PG (MCA)
18	2023	Digital Electronics	BSBU University	UG (IMCA)
19	2023	Computer Fundamentals	BSBU University	UG (IMCA)
20	2024	PC Software	BSBU University	PG (MCA)

## Conference/Workshops/Courses Attended

Year	Conference/ Workshop/	Role
2008	6 month course of <b>Computer Hardware</b> certified by Hobbies Workshop, General Education Centre, Aligarh Muslim University, Aligarh, 2008-09	<b>Member</b>
2009	Workshop on <b>Internet &amp; its Applications</b> held at University Women's Polytechnic, Aligarh Muslim University, Aligarh, 19-20 December 2009	<b>Participant</b>
2010	Workshop on <b>Vedic Mathematics</b> called as <b>TAMEER '10</b> held at Zakir Husain College of Engg. & Tech., Aligarh Muslim University	<b>Participant</b>
2012	1 <sup>st</sup> International Conference on <b>Recent Advances in Information Technology</b> organized by Department of Computer Science & Engg. held at Indian School of Mines, Dhanbad, 15-17 March, 2012	<b>Participant</b>
2012	Professional Skill Development Pro-gramme on <b>Matlab and Simulink for Engineering Applications</b> organized by Department of Electrical Engineering held at Indian School of Mines, Dhanbad, 17-22 September, 2012	<b>Participant</b>
2014	TEQIP-II Sponsored Short term Course on <b>Introduction to Opportunistic Mobile Network and its Application (IOMNA)</b> organized by Department of Computer Science & Engg. held at National Institute of Technology, Durgapur, 2-6 January, 2014	<b>Participant</b>
2014	TEQIP-II Sponsored Short term course on <b>Workshop on Algorithms</b> organized by Department of Information Technology held at National Institute of Technology, Durgapur, 22-26 January, 2014	<b>Participant</b>
2014	2 <sup>nd</sup> International Conference on <b>Recent Advances in Information Technology</b> organized by Department of Computer Science & Engg. held at Indian School of Mines, Dhanbad, 13-14 March, 2014	<b>Participant</b>
2015	TEQIP-II Sponsored Faculty Development Programme on <b>Effective Teaching and Pedagogical Practices</b> organized by the Centre for Educational Technology held at Indian Institute of Technology, Kharagpur, West Bengal, India, 9-11 October, 2015	<b>Participant</b>
2016	Workshop on <b>Network Protocols and their Simulation using NS-2</b> organized by Department of Computer Science & Engg. held at Indian School of Mines, Dhanbad, India, 3-5 March, 2016	<b>Participant</b>
2016	AICTE recognized Short Term Course on <b>Induction Training Programme for Newly Recruited Teachers</b> Conducted by Education and Educational Management Department certified by NITTR Chandigarh held at Thapar University, Patiala, Panjab, India, 19-21 September, 2016	<b>Participant</b>
2017	TEQIP sponsored 1 week Short Term Course on <b>Faculty Induction &amp; Orientation Program</b> Conducted by Education and Educational Management Department certified by NITTR Chandigarh held at Thapar University, Patiala, Panjab, India, 18-22 September, 2017	<b>Participant</b>

### Conference/Workshops/Courses Attended

2018	TEQIP sponsored 1 week Short Term Course on <b>MATLAB an LABVIEW with its Hardware Interface through ICT</b> Conducted by Education and Educational Management Department certified by NITTR Chandigarh held at Baba Gulam Shah Badshah University, Rajouri, Jammu, India, 29 Jan-02 Feb, 2018	<b>Participant</b>
2018	TEQIP sponsored 1 week Short Term Course on <b>Recent Advances in Power &amp; Energy Engineering</b> Conducted by Education and Educational Management Department certified by NITTR Chandigarh held at Thapar University, Patiala, Panjab, India, 12-16 March, 2018	<b>Participant</b>

### Orientation/Refresher Course/FDPs

October, 2020 **4-week Orientation Programme with Grade A+**, *Organized by Teaching Learning Centre, Ramanujan College, University of Delhi*, under the aegis of Ministry of HRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

Aug- Sept, 2018 **Elite certificate**, *in a course on Database Management Systems*, in a Faculty Development Programme on, **Sponsored by NPTEL-AICTE** Conducted by IIT, Kharagpur.

Aug- Sept, 2018 **Elite certificate**, *in Faculty Development Programme on "Introduction to Operations Research"*, **Sponsored by NPTEL-AICTE** Conducted by IIT, Madras.

May, 2020 **Participant**, *in 2 week Faculty Development Programme on "Machine Learning and Its Applications"*, Conducted by Electronics and ICT Academy, IIT, Roorkee.

### Referees:

<p><b>Prof. Chiranjeev Kumar</b> Professor &amp; Dean (Academic Affairs) Department of Computer Science and Engineering, Indian Institute of Technology, Indian School of Mines, IIT-ISM Dhanbad-826004, E-mail: k_chiranjeev@yahoo.co.uk Mobile No: +91-9431125793</p>	<p><b>Dr. Haider Banka</b> Associate Professor and Head Department of Computer Science and Engineering, Indian Institute of Technology, Indian School of Mines, IIT-ISM Dhanbad-826004, E-mail: hbanka2002@yahoo.com, Mobile No: +91-9230079496</p>	<p><b>Prof. Danish Ali Khan</b> Professor &amp; Dean (Academic Affairs) Department of Computer Applications, NIT Jamshedpur, Adiyapur, Tatanagar Jamshedpur, Jharkhand-831014, E-mail: dakhan.ca@nitjsr.ac.in Mobile No: +91-9835546792</p>
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## Computer Skills

Operating System *Windows, Linux*

Programming Languages *C, C++, JAVA*

Simulation Software *Network Simulator 2 (NS2), GlomoSim, QualNet*

Application Software *MS office, LaTeX, Matlab*

## Language(s) Known

English Speak, Read, Write

Hindi Speak, Read, Write

Urdu Speak, Read, Write

Arabic Read

## Personal Profile

Nationality Indian

Religion Islam

Marital status Married

Language Mother Tongue: Hindi

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## Hobbies

- Swimming

- Novel

- Adventure Tourism

- Driving

## Declaration

I hereby declare that all statements made in this Curriculum Vitae, are true, complete and correct to the best of my knowledge and belief.

**Date:**

**Place:** Rajouri, India

**(Mohd. Naseem)**