


Dr. Hashmat Fida

 Bengaluru, IN •  hashmatfida@gmail.com •  +919622680123

 Scopus

 Clarivate
Web of Science

 Google Scholar

Dynamic and accomplished Assistant Professor in Computer Science and Engineering with extensive teaching, research, and mentoring experience. A prolific contributor to AI, IoT, and machine learning advancements, holding multiple patents and publications that address real-world challenges in intelligent traffic management, cybersecurity, and smart agriculture.

PROFESSIONAL EXPERIENCE

PRESIDENCY UNIVERSITY

Bangaluru, IN

Assistant Professor

Jul 25-Present

As an Assistant Professor in Computer Science and Engineering at Presidency University, I focus on delivering quality teaching, mentoring students, and fostering research. I contribute to curriculum development, guide projects, and engage in scholarly publications while supporting the department's academic and institutional growth.

CHANDIGARH UNIVERSITY

Mohali, IN

Assistant Professor

May 24-Jun 25

As an Assistant Professor in the Department of Computer Science and Engineering at Chandigarh University, I was responsible for delivering quality education, mentoring students in their academic and research pursuits, and designing innovative course materials. My role also involved guiding research projects, publishing scholarly works, and contributing to the growth of the department through curriculum development and active participation in institutional activities.

N.I.E.L.I.T

Chandigarh, IN

Senior Faculty

Oct 22-Jun 23

As a Senior Faculty member, I led instruction in Programming Techniques, Database Applications, Web Designing, Accounting Packages, DTP software, and Urdu, integrating innovative teaching methodologies to ensure student success. I collaborated with colleagues to enhance curriculum content, aligning with industry standards and fostering academic excellence.

SUTHERLAND

Chennai, IN

McAfee Smart Leap Associate

May 19-Nov 19

As a Service Desk L1, I provided first-level support for McAfee products, configured networking devices, and managed Windows OS setups. I handled Active Directory accounts, implemented access management, and collaborated on incident resolution while maintaining documentation to enhance user experience and system security.

COLLEBERA TECHNOLOGIES

Noida, IN

Service Desk Engineer

May 16-Feb 17

Managed network infrastructure, Active Directory, and access rights, ensuring optimal performance and security. Delivered L1 tech support, incident management, and training, while coordinating IT changes, performing proactive maintenance, and fostering collaboration to enhance system efficiency and user satisfaction.

RESEARCH EXPERIENCE

SYMBIOSIS UNIVERSITY

Pune, IN

Research Associate - Adjunct

Feb 2026

- Appointed as an Adjunct Research Associate, contributing to collaborative research initiatives in emerging technology domains. Responsibilities include joint project development, research publications, and scholarly dissemination. This role is honorary and complements my primary academic appointment, ensuring sustained academic collaboration.

LINCOLN UNIVERSITY COLLEGE

Selangor, MALAYSIA

Post Doctoral Fellow - Hybrid

April 2026

- Conducting postdoctoral research on Federated Graph Intelligence (FGI) for real-time urban safety, focusing on building privacy-preserving and explainable AI systems for smart city resilience. My work integrates federated learning, graph neural networks, and explainable AI to address critical challenges in urban safety such as data privacy, scalability, and

decision transparency. The research aims to model dynamic spatio-temporal urban environments and enable intelligent, real-time incident detection and response. Additionally, I am working towards developing deployable frameworks with real-world validation in collaboration with urban authorities. This work contributes to advancing trustworthy AI solutions for large-scale, data-driven smart city ecosystems.

EDUCATION

DESH BHAGAT UNIVERSITY

Punjab, IN

Ph.D. in Computer Science & Engineering [Awarded] - <http://hdl.handle.net/10603/654442>

Dec 21-Feb 25

- Ph.D. awarded with a thesis titled "A Framework for Designing and Implementation of Intelligent Traffic Management System (ITMS) to Minimize Traffic Congestion," focusing on leveraging advanced technologies like AI, V2X communication, and sensor integration to optimize traffic flow and reduce urban congestion.

PONDICHERY UNIVERSITY

Puducherry, IN

Masters in Network & Internet Engineering [CGPA: 7.43]

Jul 17-May 19

- Earned an M. Tech in Network & Internet Engineering from Pondicherry University, specializing in advanced networking concepts, internet protocols, and system design, with a focus on emerging technologies and practical applications.

SHARDA UNIVERSITY

Noida, IN

Bachelors in Computer Science & Engineering [CGPA: 6.3]

May 12-May 16

- Completed B. Tech in Computer Science and Engineering from Sharda University, gaining a strong foundation in programming, algorithms, and system design.

RESEARCH PUBLICATIONS

1. Fida, H., Sadawarti, H., Mishra, B.K. *et al.* Integration of LiDAR and optical bonding LCD for intelligent blind curve detection systems. *Discov Appl Sci* 7, 1228 (2025). <https://doi.org/10.1007/s42452-025-07597-8> [Q1/ESCI]
2. Irfan, M., **Fida, H.** & Mir, D.J. Navigating Ambiguity: Smart Decision-Making with Pythagorean Fuzzy Sets in Granular Uncertainty. *Iran J Comput Sci* 9, 3 (2026). <https://doi.org/10.1007/s42044-025-00380-3> [Q2]
3. Mishra, B.K.; Kumar, M.; **Fida, H.**; Kalaš, B. Risk-Sensitive Reinforcement Learning for Portfolio Optimization Under Stochastic Market Dynamics. *Mathematics* 2026, 14, 1334. <https://doi.org/10.3390/math14081334> [Q1/SCIE]
4. **H. Fida**, *Smart Flow-X: A Data-Driven Urban Intelligence and Coordination Framework for Real-Time Systems*, Computer Networks, Volume 285, 2026, 112358, ISSN 1389-1286, <https://doi.org/10.1016/j.comnet.2026.112358>. (<https://www.sciencedirect.com/science/article/pii/S1389128626003701>) [Q1/SCIE]
5. **Hashmat Fida**, Harsh Sadawarti, Binod Kumar Mishra, Vibha Tiwari, *IoT-Based Intelligent Traffic Management System with Dynamic Green Corridors for Emergency Vehicle Prioritization*, ASEAN Engineering Journal vol. 15, no. 3, pp. 213–223, Aug. 2025, [doi: 10.11113/aej.v15.23422](https://doi.org/10.11113/aej.v15.23422). [Q4]
6. Saini, M., Singha, S., Kalakoti, B., **Fida, H.** (2025). Customer Churn Prediction Using Artificial Neural Networks. In: Sharma, A., Rani, R. (eds) *Artificial Intelligence and Speech Technology*. AIST 2024. Communications in Computer and Information Science, vol 2390. Springer, Cham. https://doi.org/10.1007/978-3-031-91340-2_19
7. **Fida, Hashmat** and Sadawarti, Harsh and Mishra, Binod Kumar, *Enhancing ITMS through LiDAR and V2X Integration for Improved Urban Mobility and Safety* (February 15, 2025). Available at SSRN: <https://ssrn.com/abstract=5240335> or <http://dx.doi.org/10.2139/ssrn.5240335>. [WoS]
8. Deep Learning-Based Road Sign Detection: The Ultimate Road Technology, *2024 1st International Conference on Advanced Computing and Emerging Technologies (ACET)*, Ghaziabad, India, 2024, pp. 1-6, doi: 10.1109/ACET61898.2024.10730463. [WoS]
9. A. Ranjan, S. Naskar, V. Bajaj, D. Kumar and **H. Fida**, "Integrating Deep Learning and Machine Learning Approaches for Improved Accuracy in Skin Disease Detection," 2025 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), Gwalior, India, 2025, pp. 1-6, doi: 10.1109/IATMSI64286.2025.10984652. [WoS]
10. V. Nath, A. Srivastava, K. Savla, N. Kumar, S. Srivastava and **H. Fida**, "Privacy and Security in Torrenting: Challenges and Solutions," *2024 5th IEEE Global Conference for Advancement in Technology (GCAT)*, Bangalore, India, 2024, pp. 1-6, doi: 10.1109/GCAT62922.2024.10924061. [WoS]
11. Identifying Cross-Site Scripting Attacks through Machine Learning, *Second IEEE International Conference on Advanced Computing & Communication Technologies (ICACCTech 2024)*, pp. 40-46, doi: 10.1109/ICACCTech65084.2024.00018. [WoS]

12. **Fida, Hashmat** and Hajam, Tayeed Ahmad and Joseph, K. Suresh, *A Framework for Mitigating DDoS Attacks in Named Data Networking Using Machine Learning Technique* (June 01, 2019). <http://doi.org/10.1729/Journal.23048>, Available at SSRN: <https://ssrn.com/abstract=5240341> or <http://dx.doi.org/10.2139/ssrn.5240341>.
13. Machine Learning Models for Crop Management and Disease Detection, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
14. Future Guard: Leveraging CNNs For Advanced Pandemic Diseases Diagnosis, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
15. Torrenting vs Traditional Content Distribution Efficiency, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
16. AI Powered Sign Language to Speech Synthesis with Robotic Avatar, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
17. Sign Sense: A Deep Learning Approach to Sign Language Translation for Inclusive Communication, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
18. CU Shop: Enabling Seamless Access to Local Goods for Chandigarh University Students through an Integrated E-Commerce Application, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
19. Deep Learning-Based Animal Species Classification Using Convolutional Neural Networks: A Comparative Study, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
20. Securing Tomorrow's Communication: Quantum Cryptography as a Key Enabler, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
21. Automated Detection and Classification of Rice Disease using Deep Learning, *1st International Conference on Emerging Technologies in Electronics and Communications Engineering (ICETE-2024)*
22. Simran, Fida, **H. Fida**, Mishra, B.K. (2025). Smart Irrigation in Precision Agriculture: IoT for Water Efficiency and Sustainable Crop Yield. In: Bhattacharya, A., Dutta, S., Dutta, P., Vijyakumar, K.N. (eds) *Innovations in Data Analytics. ICIDA 2024. Lecture Notes in Networks and Systems*, vol 1409. Springer, Singapore. https://doi.org/10.1007/978-981-96-6300-2_35
23. V-Mail and Beyond: Evaluating Email Management Systems for Visually Impaired Users, *The 3rd International Conference on Advances in Computing, Communication and Materials (ICACCM2024)*
24. Kumawat, J., Singh, A., Himanshu, **Fida, H.** (2025). Fusion-Based Intelligent Traffic Congestion Control System for Vehicular Networks Using Machine Learning Techniques in Smart Cities. In: Bhattacharya, A., Dutta, S., Yang, X.S., Goon, S. (eds) *Innovations in Data Analytics. ICIDA 2024. Lecture Notes in Networks and Systems*, vol 1408. Springer, Singapore. https://doi.org/10.1007/978-981-96-6297-5_14
25. Enhancing Customer Retention in Banking: A Comprehensive Review of Artificial Neural Networks for Churn Prediction, *6th International Conference on Artificial Intelligence & Speech Technology AIST-2024*
26. Liver Disease Detection and Classification Using Machine Learning, *2024 First IEEE International Conference for Women in Computing (InCoWoCo 2024)*
27. Singh, R.R., **Fida, H.**, Kumar, A., Kumar, A. (2025). Leveraging CNNs for Accurate Weather Prediction: A Comparative Analysis of Custom and Transfer Learning Models. *Innovative Computing and Communications. ICICC 2025. Lecture Notes in Networks and Systems*, vol 1431. Springer, Singapore. https://doi.org/10.1007/978-981-96-6681-2_39
28. Kumar, S., prakash, S., Gaur, C., **Fida, H.** (2025). Concrete Compressive Strength Prediction: A Data-Driven Approach. *Innovative Computing and Communications. ICICC 2025. Lecture Notes in Networks and Systems*, vol 1433. Springer, Singapore. https://doi.org/10.1007/978-981-96-7131-1_1
29. Rana, Kanika and Bisht, Mohit Singh and Irfan, Mohd. and Fida, Hashmat, Enhancing Medical Image Analysis with Advanced CNN Architectures: Contrast Optimization, Explainability, and Lightweight Models (May 01, 2025). Available at SSRN: <https://ssrn.com/abstract=5751422> or <http://dx.doi.org/10.2139/ssrn.5751422>
30. Bisht, M.S., Irfan, M., Fida, H. (2025). A Machine Learning and Deep Learning Approach to Cancer Prediction. In: Mohanty, S.N., Rocha, Á., Dutta, P.K. (eds) *Artificial Intelligence in Oncology*. Springer, Cham. https://doi.org/10.1007/978-3-031-94302-7_14

31. **Fida, H.** (2025). *Utilizing Blockchain and QR Codes for Enhanced Supply Chain Verification and Anti-Counterfeiting*. Paper presented at the International Conference STRIDE 2025, The NorthCap University, Gurugram, in collaboration with ICBT, Colombo, Sri Lanka & LUBM, UAE, April 24–25, 2025.
32. **Fida, Hashmat** and Maurya, Sachin and Maurya, Amit Ranjan and Ranjan, Satyarth, *Developing an AI-Driven Fraud Detection System - A Machine Learning Approach* (December 31, 2024). Available at SSRN: <http://dx.doi.org/10.2139/ssrn.5240326> [WoS]
33. Devi. R, Kaur. H, Rana. K and **Fida. H.** Techniques Powered by Machine Learning to Increase Energy Efficiency in Internet of Things Communication Protocols, *International Conference on Sustainable Power and Energy Research (ICSPER 2025)*, 11-12 July 2025.
34. **H. Fida**, R. Kaur, S. V. S. Pathania and A. K. Singh, "CodeXpress: Realtime Collaborative Environment," *2025 8th International Conference on Circuit, Power & Computing Technologies (ICCPCT)*, Kollam, India, 2025, pp. 1277-1283, doi: 10.1109/ICCPCT65132.2025.11176533.
35. A. H. Bhat, S. Kumari, A. K. Singh and **H. Fida**, "Sick: A Search Focused Android Launcher - Feature Analysis," *2025 8th International Conference on Circuit, Power & Computing Technologies (ICCPCT)*, Kollam, India, 2025, pp. 1269-1276, doi: 10.1109/ICCPCT65132.2025.11176643.
36. **H. Fida**, F. A. Khan, M. S. Hanspal, and A. Ferooz, "Smart Traffic Solutions: Integrating IoT, Computer Vision, and Machine Learning for Urban Transport," in *Proceedings of the International Conference on Smart Data Science (ICSIDS)*, India.
37. **H. Fida**, M. S. Bisht, M. S. Hanspal, and P. TG, "Signature Verification using Structural Feature Extracted from the Signature's Contour," in *Proceedings of the International Conference on Smart Data Science (ICSIDS)*, India.
38. Gaikwad, B. N., Patel, P., Bansal, S., Chaudhary, S., Thakur, M., **Fida, H.** and Itnal, V. (2025) "INTEGRATING AI ART TOOLS IN NATIONAL EDUCATION POLICY", *ShodhKosh: Journal of Visual and Performing Arts*, 6(5s), pp. 514–524. doi: 10.29121/shodhkosh.v6.i5s.2025.6907.
39. *An Empirical Evaluation of Homomorphic Convolution for SecureImage Processing using the BFV Scheme, Communicated to Scientific Reports by SPRINGER NATURE [SCIE/Q1] – Under Review*
40. EEG-based Classification of Neuropsychiatric Disorder Using Deep Sparse Neural Network with Gooseneck Barnacle Optimization Algorithm, **Under Revision**

BOOK CHAPTERS

1. **Fida, H.**, Kaur, J., Mishra, B. K., & Kumar, V. *A Smart IoT-Based Framework for Predictive Crop Health Monitoring and Precision Farming*. pp. 79–100 (22 pages). DOI: <https://doi.org/10.2174/9798898813963126010007>
2. Future of Cryptosystem in a Quantum World – Predictions on the evolution of Cryptography Systems in Response to Quantum Computing Advancements, *Post-Quantum Frontiers: Securing the Next Digital Age*, published by **Taylor and Francis Group** Indexed by **Scopus & WoS**
3. Quantum-Resistant Algorithms: Standardization and Adoption, *Post-Quantum Frontiers: Securing the Next Digital Age*, published by **Taylor and Francis Group** Indexed by **Scopus & WoS**
4. Securing Tomorrow's Communication: Cryptography as a Key Enabler, *Advancing Cyber Security Through Quantum Cryptography*, published by **IGI Global Scientific Publishing**, Indexed by **Scopus**
5. Role of Robotics in Smart Cities, *Applications of Green IoT and AI in Sustainable Smart Cities*, published by **Taylor and Francis Group**, DOI: [10.1201/9781003605522-12](https://doi.org/10.1201/9781003605522-12)
6. The Challenges of Implementing GANs, **Reimagining Ophthalmology: Integrating the Power of Generative AI to Transform Vision Care**, published by **WILEY** Indexed by **Scopus**
7. Advancing Brain–Computer Interfaces with Innovative Deep Learning Approaches, **Brain to Computer Interfaces using Machine Learning and Deep Learning**, published by **Scrivener Publishing**, Indexed by **Scopus**
8. AIoT for Smart Business Applications, **Explainable Artificial Intelligence-Based Business Decision Support Systems**, published by **Wiley**, Indexed by **Scopus**
9. Real-Time Epidemiological Surveillance and Outbreak Prediction, **AI-Driven Healthcare through Bioinformatics Innovations**, published by **Bentham Science** Indexed by **Scopus**
10. AI Transparency for IoMT Cybersecurity and Data Privacy, published by **Wiley** Indexed by **Scopus**

PATENT PUBLICATIONS

1. Advanced Laser Breach Detection System with Real-Time Phase Shift and Frequency Modulation Monitoring, Application No. 202411071042 A, Patent Office Journal No. 40/2024 Dated 04/10/2024 [RQ Filed]

2. IoT-Driven Precision Farming: Monitoring Soil and Crop Health to Prevent Physiological Disorders, Application No. 202411066552 A, Patent Office Journal No. 38/2024 Dated 20/09/2024 **[Published]**
3. IoT-Based Intelligent Traffic Management System with Dynamic Green Corridors for Emergency Vehicle Prioritization, Application No. 202411060621 A, Patent Office Journal No. 35/2024 Dated 30/08/2024 **[Published]**
4. Integration of Lidar Technology in ITMS For Enhanced Blind Curve Safety, Application No. 202411058843 A, Patent Office Journal No. 34/2024 Dated 23/08/2024 **[Published]**
5. Blockchain-Based Hierarchical Multi-Layer Voting System for Tamper-Proof and Transparent Electronic Elections, Application No. 202511047132 A, Patent Office Journal No. 22/2025 Dated 30/05/2025 **[Published]**
6. An Intelligent Lift Management System and Its Method Thereof, Application No.202541081868 A, Patent Office Journal No. 36/2025 Dated 05/09/2025 **[RQ Filed]**
7. Integrated Monitoring and Predictive Management System for Urban Shallow Groundwater Aquifers, Application No.202541133059 A, Patent Office Journal No. 02/2026 Dated 09/01/2026 **[RQ Filed]**
8. SmartPDS: Automated Transparent Ration Distribution System. **[Filed]**
9. Autonomous Aerial Defense System with Integrated Multi-Modal Sensing and Electronic Countermeasure Architecture, Application No.202641026516 A, Patent Office Journal No. 12/2026 Dated 20/03/2026 **[RQ Filed]**
10. Automated Device for Maintenance of Dry or Degraded Tree Material. **[Filed]**
11. Adaptable Infuser Assistive Device for Hydration Tracking. **[Filed]** - **202641015817**

FDP'S ATTENDED

1. Two Weeks Interdisciplinary Refresher Course on **'Recent Advancements in Mathematics, Statistics and Computer Science'** organized by **Malaviya Mission Teacher Training Centre (MMTTC)**, Central University of South Bihar (CUSB), Gaya during **October 14-26, 2024**
2. FDP on **"Recent Trends in Computational Sciences"**, organized by **Amity Institute of Applied Sciences Department of Statistics and Mathematics, Amity University Kolkata** from **22nd July, 2024 to 26th July, 2024**
3. AICTE Recognized Faculty Development Programme **IoT Advancements in Emerging Technologies** Conducted by **Electronics and Communication Engineering Department, NITTTR, Chandigarh** from **24/06/2024 to 28/06/2024**
4. 5-Days Faculty Development Program on **"Exploring Emerging Frontiers in Generative AI and Quantum Computing"** organized by **Department of CSE (IoT, CS, BT), IEM Kolkata** in association with **HRDC, IEM-UEM Group** held from **23rd September to 27th September, 2024**
5. One Week Faculty Development Program on **"GANs and Deep Learning"** organised by **Department of Computer Science & Engineering, Chandigarh University, Mohali** held from **9th December, 2024 –13th December, 2024**.
6. Six Days Faculty Development Programme on **"Enhancing Scholarly Writing and Publication Skills Targeting High Impact Factor Journals"** from **2nd–7th June 2025**, organized by **Desh Bhagat University**.
7. 5-Days Faculty Development Program on **"Beyond the Horizon: Unlocking AI for Transformative Learning"** organized by **Department of CSE, Presidency University** in collaboration with **Association of Indian Universities** held from **28th July to 1st Aug, 2025**
8. 5-Day Faculty Development Program on **Masterclass for Faculty: Clarifying Examination Management and Grading Processes**, organized by **IQAC, Presidency University Bangalore** (10th–14th September 2025).
9. 5-Days Faculty Development Program on **"Cyber Security with Artificial Intelligence: Tools, Technologies and Applications"**, organized by the **Department of Computer Science & Engineering, Chandigarh College of Engineering, CGC University, Mohali** (15th–19th December 2025).
10. 5-Days Faculty Updation Programme on **"Information Security & Privacy in the Digital World."** organized by the **Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology (MNNIT) Allahabad**, under the **Information Security Education and Awareness (ISEA), Ministry of Electronics and Information Technology (MeitY), Government of India**, held from **26 February – 2 March 2026**.
11. One-Day National Level Faculty Development Program (FDP) on **"The Role of Artificial Intelligence in Teaching– Learning Process"**, organized by the **Department of Computer Applications**, in association with **PencilBitz, Karnataka College of Management and Science, Bangalore**, held on **12 March 2026**.
12. Five-Day Online Faculty Development Program (FDP) on **"AI Driven Cyber Security and Emerging Technologies: A Global View & Aspect"**, organized by the **Department of Computer Science & Engineering, Budge Budge Institute of Technology, Kolkata**, held from **2 March to 6 March 2026**.

BOOK PUBLICATIONS

1. A Pen from Paradise: A Book of Love & Compassion – ISBN: 978-1639042401
2. Raaz-e-Dil: Voice of the Restless Heart – ISBN: 978-1684948550
3. Minds and Machines: A Journey into Artificial Intelligence – ISBN: 979-8873841530

EDITED VOLUMES

1. Next-Gen Healthcare: The Role of Deep Learning and ML in Medical Advancements, *published by Bentham Science Indexed by Scopus – [Status: Under Publishing & Rights]*
2. Mathematics: The Hidden Engine Behind Machine Learning and Artificial Intelligence, *published by Bentham Science Indexed by Scopus – [Status: Under Process]*
3. The Genomic Matrix: Mathematical Foundations and Machine Learning in Bioinformatics, *published by Bentham Science Indexed by Scopus – [Status: Under Process]*
4. Cyber Physical Resilience: Cultivating Symbiotic Architectures Beyond Traditional Control, *published by CRC Press – Taylor & Francis Indexed by Scopus – [Status: Under Process]*
5. AI-Based Diagnosis and Analysis of Hepatological Conditions, *published by Bentham Science Indexed by Scopus – [Status: Under Process]*
6. Human-Centered AI for Pharmacotherapy and Crisis Management in Chronic Disease, *published by Bentham Science Indexed by Scopus – [Status: Under Process]*
7. Sustainable Engineering Solutions: Multidisciplinary Research (Volume 1), *Published by Quillip Publications, <https://www.quillip.com/publish-chapter/book/15>*

TECHNICAL SKILLS

1. **Data Analysis and Statistics:** Google sheets, MS Excel, Minitab, MAT Lab
2. **Design and Modeling Tools:** Packet Tracer, PTV Vissim, SUMO, NS-2, Any Logic, Adobe Photoshop, Coral Draw
3. **Programming:** C, C++, Core Java, HTML, Java Script, CSS
4. **Online Courses:** RS and GIS Applications in Natural Resource Management, Automated Feature Extraction from High Resolution Images: **IIRS ISRO**, Introduction to Cloud Computing, Generative AI for Everyone: **Coursera**

EDITORIAL ROLES

1. **Guest Editor – PLOS One** (*Q1 and SCIE Open Access Journal*) - <https://journals.plos.org/plosone/> - **March 2026 - Present**
2. **Editorial Board Member**, *American Journal of Robotics and Intelligent Systems*, **Science Publishing Group**, <https://www.sciencepublishinggroup.com/journal/559/home> – **January 2026 – Present**
3. **Editorial Board Member**, *Asia Pacific Science Press (APSP)*, www.apspublisher.com, **May 2026 – Present**

REVIEWER EXPERIENCE

1. *Journal of Computer Science*
2. *International Journal of Machine Learning (IJML)*
3. *International Journal of Modeling and Optimization (IJMO)*
4. *ASEAN Engineering Journal*
5. *Journal of Cyber Security and Risk Auditing*
6. *Multimedia Tools and Applications (Springer Nature)*
7. *International Journal of Intelligent Transportation Systems Research*
8. *PLOS ONE*
9. *American Journal of Robotics and Intelligent Systems (AJRIS)*
10. *International Journal of Computer Theory and Engineering (IJCTE)*
11. *International Journal of Information and Education Technology (IJJET)*
12. *Journal of Image and Graphics (JOIG)*
13. *American Journal of Robotics & Intelligent Systems*
14. *Seventh International Conference on Computational Intelligence and Communication Technologies (CCICT 2025)*, jointly organized by **B.M. Institute of Engineering & Technology, Sonapat, India**, and **St. Andrews Institute of Technology & Management, Gurugram, India**, 11th –12th April 2025. <https://cict.bmict.net/>

15. *ICECI 2026 – 2nd International Conference on Emerging Computational Intelligence*, Aligarh Muslim University, India, 4th – 5th April 2026. <https://conference.csd.amu.ac.in/>
16. *Eighth International Conference on Computational Intelligence and Communication Technologies (CCICT 2026)*, jointly organized by B.M. Institute of Engineering & Technology, Sonapat, India, and St. Andrews Institute of Technology & Management, Gurugram, India, 24th -25th April 2026. <https://cict.bmiet.net/>
17. *2026 Second Global Conference on AI Research and Emerging Developments (G-CARED)*, Organized by Ganitara Research Foundation, Malviya Nagar, New Delhi. <https://ganitara.com/gcared/>
18. *First International Conference on Intelligent Systems and Ambient Communication (ISAC 2026)*, Organized by Presidency University, Bengaluru India, 29th – 30th October 2026. <https://isac2026.com/>

SESSION CHAIR EXPERIENCE

1. *International Conference on Sustainable Developments in Computer Engineering, Green Technology & Smart Systems (ICSDS-2025)*, organized by Hooghly Engineering & Technology College, Hooghly, West Bengal, India, 20–21 December 2025. <https://icsds.in/>
2. *IEEE 20th International Conference on Computing for Sustainable Global Development (INDIACom-2026)*, Track #1: Sustainable Computing, organized by BVICAM, New Delhi, India, 8–10 April 2026. <https://bvicam.ac.in/indiacom/>
3. *International Conference on Mathematical Sciences and Computational Intelligence (ICMSCI-2026)*, Organized by P.G.D.A.V. College, University of Delhi, Indian Institute of Technology (IIT), Mandi & National Institute of Technology (NIT), Uttarakhand. <https://sites.google.com/pgdav.du.ac.in/icmsci-2026/home?authuser=0>
4. *International Conference on Intelligent Computing and Communication Systems ICICCS 2026*, Organized by the Birmingham City University, England, United Kingdom, July 14-16, 2026, <https://iciccsconference.com/>
5. *6th International Conference on Computing and Communication Networks (ICCCNet-2026)*, Organized By: Manchester Metropolitan University, Manchester, United Kingdom, 17th - 19th July, 2026, <https://icccn.co.uk/>
6. *International Conference on Artificial Intelligence and Networking (ICAIn-2026)*, Organized By: BITS Pilani, Dubai Campus in association with Indian Institute of Information Technology, Allahabad, 26th - 28th November 2026, <https://www.icain-conf.com/>
7. *International Conference on Data Science and AI for Social Good and Responsible Innovation, (DASGRI-2026)*, Organized by School of Computing, Goldsmiths, University of London, UK, 10th–11th April 2026 <https://www.dasgri.co.uk/>
8. *First International Conference on Intelligent Systems and Ambient Communication (ISAC 2026)*, Organized by Presidency University, Bengaluru India, 29th – 30th October 2026. <https://isac2026.com/>

SCHOLARS UNDER SUPERVISION

- Ms. Monika Devi [Department of CSE, Chandigarh University, Mohali India]

BIO DATA

- **Name:** Dr. Hashmat Fida
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- **Email(s):** hashmatfida@gmail.com, hashmat@presidencyuniversity.in
- **Contact Number(s):** +91-9622680123, +91-8800317041
- **Institution:** Presidency University, Bengaluru India
- **Date of Birth:** 14th November 1993
- **Gender:** Male
- **Category:** OBC
- **Whether Differently Abled:** No
- **Passport Number:** AM352962

REFERENCES

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DECLARATION

I, Dr. Hashmat Fida, hereby declare that the information compiled above is authentic and genuine to the best of my know edge and belief. However, I acknowledge that circumstances may change, and new information may arise that could affect the accuracy of this document. I am committed to providing transparency and integrity in presenting my qualifications, skills, and experiences. Prospective employers are encouraged to verify the information provided and conduct their own assessments. I appreciate your understanding and consideration.

