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## PROF. ABDUL WAHID | PROFESSOR & DEAN

<b>CURRENT INVOLVEMENT</b>	<ul style="list-style-type: none"> <li>• <b>Professor in Computer Science &amp; Information Technology, MANUU (A Central University), Hyderabad.</b></li> <li>• <b>Dean, School of Technology, MANUU</b></li> <li>• <b>Director I/c, Centre for Information Technology, MANUU (A Central University)</b></li> </ul>										
<b>HIGHEST EDUCATIONAL QUALIFICATION</b>	<ul style="list-style-type: none"> <li>▪ <b>DOCTOR OF PHILOSOPHY (Ph.D.)</b> Jamia Millia Islamia (A Central University)</li> </ul>										
<b>TEACHING EXPERIENCE</b>	<ul style="list-style-type: none"> <li>▪ <b>More than 25 years of teaching experience</b> in reputed institutions and universities indifferent academic capacities.</li> <li>▪ Experience as Professor: 12 Years</li> <li>▪ Experience as Associate Professor/Reader: 7 years</li> <li>▪ Experience as Assistant Professor/Lecturer/ Sr. Lecturer: 6 years</li> </ul>										
<b>RESEARCH AREA</b>	<ul style="list-style-type: none"> <li>• E-Learning, Educational Neuroscience</li> <li>• Software Engineering</li> <li>• Machine Translation</li> <li>• Web Engineering</li> <li>• Learning Analytics</li> <li>• E-Governance</li> </ul>										
<b>RESEARCH PROJECTS</b>	<ol style="list-style-type: none"> <li>1. Title: <b>“Adaptive Assistive System for the Moderate Mentally Disabled Children”</b>            Agency: Ministry of Electronics and Information Technology            Cost: 104.23 Lakhs (1.04 Crore)            Duration: 3 years (Date of award: 11<sup>th</sup> Feb 2022)            Role: Chief Investigator            Status: Completed</li> <li>2. Title: <b>“A Virtual Reality-Based Assistive System for Learning and Assessment of Persons with Intellectual Disabilities.”</b>            Agency: Ministry of Electronics and Information Technology            Cost: 9504.67 Lakh (95.05 Crore)            Duration: 4 years (Date of award: 4<sup>th</sup> December 2023)            Role: Chief Investigator</li> </ol>										
<b>PUBLICATIONS</b>	Publications (Scopus, SCI/SCIE and others) (Separate Sheet Attached) <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><i>International Journal</i></td> <td style="text-align: center;">64</td> </tr> <tr> <td style="text-align: center;"><i>National Journal</i></td> <td style="text-align: center;">03</td> </tr> <tr> <td style="text-align: center;"><i>International Conference</i></td> <td style="text-align: center;">29</td> </tr> <tr> <td style="text-align: center;"><i>National Conference</i></td> <td style="text-align: center;">18</td> </tr> <tr> <td style="text-align: center;"><i>Books and Book Chapter</i></td> <td style="text-align: center;">05</td> </tr> </table>	<i>International Journal</i>	64	<i>National Journal</i>	03	<i>International Conference</i>	29	<i>National Conference</i>	18	<i>Books and Book Chapter</i>	05
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<b>PATENTS</b>	<ol style="list-style-type: none"> <li>1. South African Patent on <b>“An Intelligent Automated Novel Security Conveyer Tunnel to Check Medicinal Duplication in Supply Chain Management”</b>            Number: 2022/02011            Date of Grant: 28-04-2022            Date of Expiry: 17-02-2042</li> </ol>										

	<p>2. Indian Patent on “A Stair-Based Electronic Records Management System For Securing Healthcare Information”  Number: 202211051732 A  Date of Grant: 15/01/2024  Date of Expiry: 08/09/2042</p>
<b>CONFERENCES/ WORKSHOPS</b>	Number of Conferences   Workshop   FDP   Seminar (Attended/ Presented)
	<i>Conference</i> 47
	<i>Workshop</i> 10
	<i>Faculty Development Program</i> 05
	<i>Seminar</i> 05
<b>SUPERVISION</b>	Number of B.Tech.   M.Tech.   MCA   Ph.D.
	<b>PH.D.</b> 10 AWARDED, 7 ONGOING (5 REGULAR AND 2 FOREIGNERS),
	<b>M.PHIL.</b> 03
	<b>MCA</b> 44
	<b>M.TECH.</b> 18
	<b>B.TECH.</b> 26
	<b>Ph.D. Awarded</b>
	<ol style="list-style-type: none"> <li>1. Shaik Moinuddin (2018-2025), Intelligent Character Recognition for LowResource Languages</li> <li>2. Mohammed Yusuf (2018-2025), Web-Based Learning Evaluation SystemUsing Artificial Intelligence Technique</li> <li>3. Syed Abdul Basit Andrabi (2017-2022), Web Based Statistical Machine Translation System</li> <li>4. Fareeha Rasheed (2016-2021), Adaptive Sequence Generation for Learning and Assessment</li> <li>5. Parul Kalra, (2013-2020), Information Retrieval Using Inference Engine Based on Cognitive Approach</li> <li>6. Ziema Mushtaq, (2015-2020), Cost Estimation of Mobile Application Development</li> <li>7. Syed Mohsin Saif, (2014-2018), Web Effort Estimation Using Web-UCP</li> <li>8. Mudassir Manzoor Kirmani, (2013-2016), Revised Use-Case Point-Based Software Effort Estimation</li> <li>9. Kavita Saini, (2011-2015), Web Based Instructional System for Analyzing and Designing Algorithm Systematically</li> <li>10. Ritu Dabas, (2009-2012), An agent-based approach for planning and coordination in SCM</li> </ol>
	<b>Ph.D. Ongoing</b>
	<ol style="list-style-type: none"> <li>1. Suheel Yousuf Wani (Registered in 2019), Intelligent Pipeline for Processing and Analysis of Long Non-Coding RNA</li> <li>2. Mohammad Islam (Registered in 2020), Ubiquitous Learning</li> <li>3. Yasir Altaf (Registered in 2021), Sign Language</li> <li>4. Mahmooda Khatoon, (Registered in 2022)</li> <li>5. Alisina Ahmadzai, (Registered in 2022)</li> <li>6. Niaz Mohammad Dostiyar (Registered in 2022)</li> <li>7. Ruxsana Jabeen (Registered in 2023)</li> </ol>

<b>UNIVERSITY DEPARTMENT/ SCHOOL ESTABLISHMENT EXPERIENCE</b>	<ul style="list-style-type: none"> <li>▪ Founded the School of CS &amp; IT, renamed as School of Technology, MANUU</li> <li>▪ Established the Department of Computer Science &amp; Information Technology, renamed as School of Technology</li> </ul>
<b>ACHIEVEMENTS</b>	<ul style="list-style-type: none"> <li>▪ Founder Dean, School of CS &amp; IT, renamed as School of Technology, MANUU, Hyderabad.</li> <li>▪ Founder Head, Dept. of CS &amp; IT</li> <li>▪ Started B.Tech. program (Computer Science) and developed the course curriculum;</li> <li>▪ Established and developed all Engineering Laboratories and workshop</li> <li>▪ Started M.Tech. Program (Computer Science) and developed the course curriculum;</li> <li>▪ Established and developed all related Laboratories.</li> <li>▪ Started MCA program and developed the course curriculum;</li> <li>▪ Established and developed all related Laboratories.</li> <li>▪ Started Ph.D. program (Computer Science) and developed course curriculum (course work);</li> <li>▪ Established and developed research facilities in Laboratories.</li> <li>▪ Formulated and implemented student conduct discipline rules and regulations of the University.</li> <li>▪ Implemented &amp; designed the campus area network using WIMAX-Wi-Fi technologies.</li> </ul>
<b>ADMINISTRATIVE EXPERIENCE</b>	<ul style="list-style-type: none"> <li>▪ Dean, School of CS &amp; IT, renamed as School of Technology, MANUU</li> <li>▪ Expert member and member of various selection committees in Universities and Public Service Commissions</li> <li>▪ Proctor of University, MANUU</li> <li>▪ Advisor, Student Union, MANUU</li> <li>▪ In-charge Security, MANUU</li> <li>▪ Head of Department, CS &amp; IT, MANUU</li> <li>▪ Head (I/c) of Department, Mathematics</li> <li>▪ Honorary director, CIT, MANUU,</li> <li>▪ Chief Information Security Officer, MANUU</li> <li>▪ Member, NAAC Peer team</li> <li>▪ Member, IQAC, MANUU</li> <li>▪ Chairman, School Board, School of CS &amp; IT, renamed as School of Technology</li> <li>▪ Chairman, Board of Studies, Dept. of CS &amp; IT, MANUU</li> <li>▪ Chairman BOS, Dept. of Mathematics,</li> <li>▪ Member Executive Council, MANUU</li> <li>▪ Member, Academic Council, MANUU,</li> <li>▪ Nodal Officer, University Counselling Steering Group,</li> <li>▪ Chairman, MANUU Student Insurance Committee,</li> <li>▪ Member, Research Committee, UGC funded Projects,</li> <li>▪ Member, Innovation Club with UGC/MHRD guidelines,</li> <li>▪ Member Convener, University Discipline Committee,</li> <li>▪ Deputy Proctor, MANUU,</li> <li>▪ Chief Returning Officer, Student Union (MSU Election)</li> <li>▪ Chairman anti-ragging committee, GBU.</li> <li>▪ Addl. Superintendent, Examination, MANUU</li> <li>▪ Professor In-Charge M. Tech (ICT) in GBU</li> <li>▪ Professor In-Charge B. Tech. CSE, GBU</li> <li>▪ Warden, Boys Hostel , GBU</li> <li>▪ Member of Board of Studies (GBU)</li> <li>▪ Member, School Board, School of Sciences, MANUU</li> <li>▪ Member, School Board, School of Journalism &amp; Mass Communication, MANUU</li> <li>▪ Member, School Board, School of Commerce &amp; Business Management, MANUU</li> <li>▪ Member, BOS, DDE, MANUU.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Member, BOS, Dept. of Computer Science, RBVRR Women's College, Hyderabad.</li> <li>▪ Subject Expert, Thassim Beevi Abdul Kader College for Women, Chennai</li> <li>▪ Member, School Board, Engg. &amp; Tech., Central University of Kashmir</li> <li>▪ Officer in-charge, Telephone, GBU.</li> <li>▪ Deputy Coordinator Examination GBU.</li> <li>▪ Coordinator/Overall in-charge Lab resources, AKGEC</li> <li>▪ Head Examiner in UPTU, Lucknow</li> <li>▪ Technical Expert member of DIT funded project running in Jamia Millia Islamia, Delhi.</li> <li>▪ Examiner in different universities such as JMI (A central university) New Delhi, UPTU Luck now, AMITY University, CCSU MEERUT, BBAU Lucknow etc.</li> <li>▪ Examination Observer in UPTU. University and controller in UP-SEE examination.</li> <li>▪ Asstt. Superintendent. of Examination AKGEC</li> </ul>
<p style="text-align: center;"><b>WORKSHOPS/ CONFERENCES/ TRAINING ATTENDED</b></p>	<ul style="list-style-type: none"> <li>▪ Attended 3 days NKN Workshop in IISC Bangalore, during 17-19 Oct 2013</li> <li>▪ Attended 3 days NKN Workshop in IIT Bombay, during 31 Oct. to 2 Nov. 2012</li> <li>▪ Attended 3 days International Conference on Technology Management, during 18-20 July 2012 at IISc, Bangalore.</li> <li>▪ Attended one day technical Seminar cum workshop on NKN on 15<sup>th</sup> Feb 2012 at NGRI Hyderabad</li> <li>▪ Workshop on Wireless Communication, GBU, 20 April 2011.</li> <li>▪ National Conference of Advancements in Communication, Computing &amp; Signal Processing, GBU, 17-18 April 2011.</li> <li>▪ Workshop on IT impact on Society, March 22, 2011, Organized by School of ICT, Gautam Buddha University, Greater Noida.</li> <li>▪ Workshop on OER and Wikieducator, June 9-11, 2010, Organized by School of ICT, Gautam Buddha University, Greater Noida.</li> <li>▪ Training (FDP), on the course of Computer Architecture, Indo US Collaboration for Engg. Education, Infosys Mysore, 6-10 July 2009.</li> <li>▪ Training (FDP) on Network administration and Information Security, HBTI Kanpur, 5-9, Nov, 2008</li> <li>▪ National Seminar on Current Trends in Mobile Computing, November 28 &amp; 29, 2008 Organized by BGSB university Rajouri, J &amp; K.</li> <li>▪ "National Conference on Information Security and Mobile computing" by ABES &amp; CSI Ghaziabad, 3-4 Feb. 2008</li> <li>▪ "National conference on E-learning" in IBA Gr. Noida, 19 Jan. 2008.</li> <li>▪ "7th IEEE International Conference on Requirement Engineering" by IIT Delhi, in India Habitat Center, 15-19 October 2007.</li> <li>▪ "Annual International Software Testing Conference" By QAI Feb. 20-21 2004 Pune, India.</li> <li>▪ "Workshop on IT Services and Applications", Department of Computer Science, Jamia Millia Islamia University, New Delhi, India (27-28 Feb 2003).</li> <li>▪ "Conference on Education: Breaking the Barrier", by Center for Information Technology, Jamia Millia Islamia, New Delhi, India.</li> <li>▪ "International Conference on Reshaping the Management Education in Global Context" Organized by DAVV, Indore, India, Nov. 15-16, 2003.</li> <li>▪ "Emerge Tech. 2003: Conclave on Emerging Technologies," Organized by Confederation of Indian University. December 11-12, 2003.</li> <li>▪ "Workshop on GSM" by CSI in ABES Engg. College Ghaziabad, July 25, 2004</li> <li>▪ "National conference in RAFIT", scheduled to be held March 2-3, 2005 at Punjabi University, Patiala</li> <li>▪ "4<sup>th</sup> National Conference on Marketing of Services: Challenges and Opportunities", HIMCS Hotel Holiday-Inn, Agra, 17-18, Feb. 2006.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ “AICTE Sponsored National Conference on Innovative Applications of IT &amp; Management for economic Growth of India”, AIM Jalandhar, April 21-22, 2006</li> </ul>
<b>PROFESSIONAL MEMBERSHIPS</b>	<ol style="list-style-type: none"> <li>1. Professional Member, IEEE (ID: 91279836)</li> <li>2. Member of scientific and technical committee, editorial review board, world academy of Science, engineering and technology.</li> <li>3. Member of the society of digital information and wireless communications (SDIWC) Membership no: 4902</li> <li>4. Membership of institution of electronics and Telecommunication engineers (IETE), New Delhi</li> <li>5. Lifetime member of India society for technical Education (ISTE)</li> </ol>
<b>PERSONAL DETAILS</b>	<p><b>Father’s Name</b> : Mohammad Ishaque  <b>Date of Birth</b> : 16 July 1976  <b>Gender</b> : Male  <b>Marital Status</b> : Married  <b>Nationality</b> : Indian  <b>Language Known</b> : English, Urdu, Hindi</p>

Date: 6<sup>th</sup> April 2025

Place: Hyderabad

*(Prof. Abdul Wahid)*

[Last update on 12-December-2024]

## Significant Publications

- Shaik Moinuddin Ahmed. (2024). Leveraging the Swin Transformer for Enhanced Handwritten Urdu Character and Digit Recognition. *International Journal of Intelligent Systems and Applications in Engineering*, 12(3), 2767–2776.
- Yousuf, Mohd, Abdul Wahid, and Mohammed Yousuf Khan. "Attentive Gauging in an E-Learning Platform Using Artificial Intelligence EfficientNet Architecture." *International Journal of Computing and Digital Systems* 16.1 (2024): 1-13.
- Islam, M., & Wahid, A. (2024, March). Machine Learning Driven Framework to Predict the Intellectual Disability. In *The International Conference on Intelligent Systems & Networks*(pp. 373-381). Singapore: Springer Nature Singapore.
- Mohd. Yousuf, Abdul Wahid, Mohammed Yousuf Khan, “Enhancing E-learning Interactivity with Haar Cascade User Detection”, 8th International Conference on Information System Design & Intelligent Applications (ISDIA-2024), Organized by Mallareddy University, Dubai, during 3-4 January 2024
- Shaik Moinuddin Ahmed, Abdul Wahid (2023). Handwritten OCR for Indic Scripts: A Comprehensive Overview of Machine Learning and Deep Learning Techniques. *International Journal on Recent and Innovation Trends in Computing and Communication*, 11(9), 2245–2258.
- Mohammad Islam; Abdul Wahid; Pradeep Kumar, “Understanding Intellectual Disability And Genetics With Ai Perspective: A Text Mining Approach” , IEEE International Conference on Machine Learning and Applied Network Technologies (ICMLANT), San Salvador, El Salvador (2023)
- Rabbani, M. N., Wahid, A., & Rasheed, F. (2023). Fake News Identification Using Supervised Machine Learning Algorithms. *In Proceedings of the Eighth International Conference on Research in Intelligent Computing in Engineering* pp. 57–61
- Yasir Altaf and Abdul Wahid, "Evaluation of Dilated CNN for Hand Gestures

Classification" in the IEEE International Conference on Advances in Intelligent Computing and Applications (AICAPS-2023) organized by Department of Computer Applications, Cochin University of Science and Technology, Kochi, Kerala, India, during February 1-3, 2023

- Yasir Altaf, Abdul Wahid, Syed Mudassir Kirmani "Deep Learning Approach for Sign Language Recognition using DenseNet201 with Transfer Learning", in 8th IEEE International Students Conference on Electrical, Electronics and Computer Sciences 2023, 18-19 February 2023.
- S. M. Ahmed and A. Wahid, "Image Transformation based on Computer Vision to detect Multilingual Sign Board," 2022 International Conference on Information Science and Communications Technologies (ICISCT), Tashkent, Uzbekistan, 2022, pp. 1-5, doi: 10.1109/ICISCT55600.2022.10146919
- Fareeha Rasheed and Abdul Wahid (2022), An Unobtrusive Approach to Emotion Detection in E-Learning Systems in *the Computer Journal*, vol 2022, Oxford University Press, (SCIE indexed)
- Syed Abdul Basit Andrabi and Abdul Wahid (2022), A Comparative Study of Word Embedding Techniques in Natural Language Processing in *Computational Vision and Bio-Inspired Computing*, Springer publishers.
- Syed Abdul Basit Andrabi and Abdul Wahid (2022), Machine Translation System Using Deep Learning for English to Urdu in *Computational Intelligence and Neuroscience*, vol 2022, Hindawi Publications (SCIE indexed)
- Abdullah Alharbi, Masood Ahmad, Wael Alosaim, Hashem Alyami, Alka Agrawal Rajeev Kumar, Abdul Wahid and Raees Ahmad Khan (2021), Evaluating the Impacts of Security-Durability Characteristic: Data Science Perspective in *Computer Systems Science & Engineering* (Tech Science Press) Vol 41, issue 2, 557-567 (SCIE indexed)
- Pradeep Kumar, Abdul Wahid (2021) Social Media Analysis for Sentiment Classification Using Gradient Boosting Machines. In *Proceedings of International Conference on Communication and Computational Technologies. Algorithms for Intelligent Systems. Springer, Singapore.* (Scopus Indexed)
- Fareeha Rasheed and Abdul Wahid, "Learning Style Detection in E-learning Systems

- Using Machine Learning Techniques”, in *Expert Systems with Applications* (Elsevier), Vol. 174, July 15,2021 (SCIE Indexed)
- Abdul Basit Andrabi, and Abdul Wahid, “A Comprehensive Study of Machine Translation Tools and Evaluation Metrics” In *Proceedings of 5th International Conference on Inventive Systems and Control (ICISC 2021)*. Springer, Singapore (Scopus Indexed)
  - Parul Kalra, Deepti Mehrotra, Abdul Wahid, “Mapping User Information with Cognitive Skills by Hybrid IR Models with Inference Engine” in “International Journal of Performability Engineering”16 (9), 2020 (Scopus Indexed)
  - Ziema Mushtaq and Abdul Wahid, “Inclusion of Functional and Non-Functional Parameters for the Prediction of Overall Efforts of Mobile Applications” in *Computer Standards and Interfaces*,Vol 71, 2020 (SCIE Indexed)
  - Ziema Mushtaq and Abdul Wahid, “Mobile complex factors: an approach for the prediction of mobile size parameters, in *Recent Advances in Computer Science and Communications (Formerly:Recent Patents on Computer Science)*, Bentham Science, 13(4), 2020 (Scopus Indexed)
  - Abdul Basit Andrabi, and Abdul Wahid, “ Sentence Alignment for English Urdu Language pair”,in *Journal of Recent Technology & Engineering*, 2019 (Scopus Indexed)
  - Ziema Mushtaq and Abdul Wahid, “Revised approach for the prediction of functional size of mobile application,” *Appl. Comput. Informatics*, 2019. (Scopus Indexed)
  - Abdul Wahid, and Fareeha Rasheed, “Emotion Detection Using Unobtrusive methods: An Integrated Approach” in *2nd International Conference On Intelligent Computing, Instrumentation And Control Technologies-2019* (Scopus Indexed)
  - Parul Kalra, Deepti Mehrotra, and Abdul Wahid, “A Cognitive Information Retrieval Using POP Inference Engine Approaches,” in *Emerging Trends and Applications in Cognitive Computing*, IGI Global, 2019, pp. 35–48. (Scopus Indexed)
  - Fareeha Rasheed, and Abdul Wahid, "Sequence generation for learning: a transformation from past to future", in *The International Journal of Information and Learning Technology*, 2019 (Scopus, ESCI Indexed)
  - Parul Kalra, Deepti Mehrotra, and Abdul Wahid, “Field Based Weighting Information Retrieval on Document Field of Ad Hoc Dataset,” in *Soft Computing: Theories and Applications*, Springer,2019, pp. 75–83. (Scopus Indexed)

- Fareeha Rasheed and Abdul Wahid, "Learning Style Recognition: A Neural Network Approach," in *First International Conference on Artificial Intelligence and Cognitive Computing*, 2019, pp. 301–312. (Scopus Indexed)
- Parul Kalra, Deepti Mehrotra, and Abdul Wahid, "Mapping of the vector space model with cognitive skills of the user using fuzzy approach," *Intell. Decis. Technol.*, no. pp. 1–9, 2018. (Scopus Indexed)
- Abdul Basit Andrabi, and Abdul Wahid, "A Survey of machine Translation: its need and challenges" in *International conference on computational intelligence and data analytics*, 2018 (Scopus Indexed)
- Hamza Mutaher, Pradeep Kumar, and Abdul Wahid, "Openflow Controller-Based SDN: SecurityIssues and Countermeasures.," *Int. J. Adv. Res. Comput. Sci.*, vol. 9, no. 1, 2018.
- Parul Kalra, Deepti Mehrotra, and Abdul Wahid, "Comparison and analysis of information retrieval DFR models," in *Smart Computing and Informatics*, Springer, 2018, pp. 361–367. (Scopus Indexed)
- Syed Mohsin Saif and Abdul Wahid, "Web Effort Estimation Using FP and WO: A Critical Study," in *2018 Second International Conference on Computing Methodologies and Communication (ICCMC)*, 2018, pp. 357–361. (Scopus Indexed)
- Syed Mohsin Saif and Abdul Wahid, "Web complexity factors! A novel approach for predicting size measures for web application development," in *2017 International Conference on Inventive Computing and Informatics (ICICI)*, 2017, pp. 897–902. (Scopus Indexed)
- Syed Mohsin Saif and Abdul Wahid, "Effort estimation techniques for web application development: A Review," *Int. J. Adv. Res. Comput. Sci.*, vol. 8, no. 9, 2017.
- M. Nabi, Abdul Wahid, and Pradeep Kumar, "Performance Analysis of Classification Algorithmsin Predicting Diabetes.," *Int. J. Adv. Res. Comput. Sci.*, vol. 8, no. 3, 2017.
- Pradeep Kumar and Abdul Wahid, "Investigation of Software Reliability Prediction Using Statistical and Machine Learning Methods," in *Handbook of Research on Machine Learning Innovations and Trends*, IGI Global, 2017, pp. 251–271.
- Khaleel Ahmad, G. Kumar, Abdul Wahid, and M. M. Kirmani, "Software Performance Estimate using Fuzzy Based Backpropagation Learning," in *Emerging Research Surrounding PowerConsumption and Performance Issues in Utility Computing*, IGI Global,

2016, pp. 320–344.

- Pradeep Kumar and Abdul Wahid, “Performance Evaluation of Data Mining Techniques for Predicting Software Reliability,” 2015.
- M. M. Kirmani and Abdul Wahid, “Use case point method of software effort estimation: a review,” *Int. J. Comput. Appl.*, vol. 116, no. 15, 2015.
- M. M. Kirmani and Abdul Wahid, “Use Case Point and e-Use Case Point method of software effort estimation: A critical performance comparison,” *Int. J. Comput. Appl.*, vol. 5, no. 3, 2015.
- M. M. Kirmani and Abdul Wahid, “Revised use case point (re-ucp) model for software effort estimation,” *Int. J. Adv. Comput. Sci. Appl.*, vol. 6, no. 3, pp. 65–71, 2015.
- M. M. Kirmani, Syed Mohsin Saif, and Abdul Wahid, “Re-UCP Software Effort Estimation Method: A Critical Study,” *Int. J. Comput. Appl.*, vol. 975, p. 8887, 2015.
- M. M. Kirmani and Abdul Wahid, “Impact of modification made in Re-UCP on software effort estimation,” *J. Softw. Eng. Appl.*, vol. 8, no. 06, p. 276, 2015. (Scopus Indexed)
- Khaleel Ahmad, Abdul Wahid, M. P. Quadri, and A. Fathima, “Parallel Virtualization in IaaS in Community Cloud,” in *2015 Fifth International Conference on Communication Systems and Network Technologies*, 2015, pp. 1071–1075.
- Khaleel Ahmad, G. Kumar, Abdul Wahid, and M. M. Kirmani, “Intrusion detection and prevention on flow of Big Data using bacterial foraging,” in *Handbook of Research on Securing Cloud-Based Databases with Biometric Applications*, IGI Global, 2015, pp. 386–411.
- Khaleel Ahmad, G. Kumar, Abdul Wahid, and M. M. Kirmani, “Intrusion detection and prevention on flow of Big Data using bacterial foraging,” in *Handbook of Research on Securing Cloud-Based Databases with Biometric Applications*, IGI Global, 2015, pp. 386–411.
- A. Fathima, Khaleel Ahmad, and Abdul Wahid, “Intrusion Detection, Prevention, and Privacy of Big Data for Cyber-Physical Systems,” in *Cyber-Physical Systems*, Chapman and Hall/CRC, 2015, pp. 434–461.
- G. N. Purohit, Abdul Wahid, and others, “Web Based Instructional System for Analyzing and Designing Algorithm Systematically,” 2014.
- Abdul Wahid, Khaleel Ahmad, G. Tyagi, and M. A. Rizvi, “Anti-Theft Cloud Apps for Android Operating System,” in *2014 International Conference on Computational*

*Intelligence and Communication Networks*, 2014, pp. 765–769. (Scopus Indexed)

- A. T. Siddiqui, M. M. Kirmani, and Abdul Wahid, “Mobile OS Security and Threats: A Critical Review,” *Int. J. Comput. Appl.*, vol. 86, no. 9, 2014.
- Kavita Saini, Abdul Wahid, and G. N. Purohit, “Evaluation of AlgoWBIs: Experts’ View,” *Int. J. Comput. Appl.*, vol. 85, no. 10, 2014.
- Kavita Saini, Abdul Wahid, and G. N. Purohit, “Experts’ Attitudes towards Web-based Instructional System for Algorithm,” *Int. J. Comput. Appl.*, vol. 91, no. 17, 2014.
- Kavita Saini, Abdul Wahid, and G. N. Purohit, “Traditional learning versus web based learning: performance analysis,” *Int. J. Comput. Sci. Inf. Technol.*, vol. 5, no. 4, pp. 5182–5184, 2014.
- Syed Mohsin Saif, M. M. Kirmani, and Abdul Wahid, “Performance analysis of different softwarereliability prediction methods,” in *International Conference on Computing and Communication Technologies*, 2014, pp. 1–5. (Scopus Indexed)
- Ritu Sindhu, R. Pal, and Abdul Wahid, “Development of MAS based SCM model for automobile sectors,” in *2013 3rd IEEE International Advance Computing Conference (IACC)*, 2013, pp. 1548–1554 (Scopus Indexed)
- S. L. Kapoor and Abdul Wahid, “Information Security: Threats Perception, Passive and Active Measures for Information Assurance,” *Education*, vol. 9, no. 26.76, pp. 8–43, 2012.
- S. Bhat and Abdul Wahid, “Log Agent for Knowledge Management Based on Multi-Agent System,” *Int. J. Emerg. Technol. Adv. Eng.*, vol. 2, no. 7, 2012.
- Ritu Sindhu, Abdul Wahid, and G. N. Purohit, “MAS-SCM<sup>^</sup> sup AS<sup>^</sup> for Auto Sector: The Framework,” *Int. J. Comput. Sci. Issues*, vol. 8, no. 4, p. 570, 2011.
- Ritu Sindhu, Abdul Wahid,(2011) “Planning, Coordination and Negotiation for Automobile Sector: A Multi-Agent System Perspective”, *IEEE International Conference on Engineering and Information Management*, April 15-18, 2011. (Scopus Indexed)
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