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Google Scholar Citation | Orcid Id | Scopus

PROFILE

ACADEMIC QUALIFICATION:

- I have completed Ph.D. in Computer Science & Engineering in 2021.
- M. Tech (I.T), with 1st Division in 2010.
- Master of Computer Application (MCA), with 1st Division, K.N.I.T Sultanpur, RML Awadh University, Ayodhya, U.P., India, 2001.
- M.Sc. in Physics (specialization in Solid State), with 1st Division, Institute of Science, B.H.U., Varanasi, 1997 (Qualified GATE (1998) in Physics).
- B.Sc. (Hons.) in Physics with 1st Division, Institute of Science, B.H.U., Varanasi, India, 1995.

WORKING EXPERIENCE:

- Presently working as **Associate Professor** in the Department of Computer Application, Integral University, Lucknow, India from 2014-Till date.
- Assistant Professor, Department of Computer Application, Integral University Lucknow from 2009-2013.
- Sr. Lecturer, Department of Computer Application, Integral University, Lucknow from 2007-2008.
- Lecturer, Department of Computer Application, Integral University, Lucknow from 2003-2007.
- Guest Lecturer, Department of Computer & Engineering, K.N.I.T. Sultanpur, from 2001-2002.

TOTAL EXPERIENCE:

- 23+ Years of Teaching (Academics) at University level.

CONFERENCES/TRAINING /SEMINAR:

- NCET-08 at Integral University Lucknow, India
- Attended Conference on “Minority Education” at Integral University, Lucknow, India.
- Attended FDP on “Software Project Management” at LBSIMS, Lucknow
- Attended Training of “Rational Rose” at Integral University ,Lucknow, India
- Attended Training of “UNIX O.S.” at Integral University ,Lucknow, India
- Seminar on “IBM Servers” organized by IBM, Lucknow.
- Attended two day workshop on “Preparation of Self Learning Material” organized by Distance Education Council (DEC) and Directorate of Distance Education, Integral University at Integral University.
- Attended two day workshop on “Ethical Hacking” Organized by Kyrion Digital Securities, Integral University, Lucknow.
- Attended one day seminar on “Cyber Threat to Digital World”, organized by ISTE&CSI student chapter, Integral University, Lucknow, Sept 2015
- Attended workshop on “Hybrid Android Development”, organized by Integral University, Lucknow, Oct 2015
- Attended one day seminar on “Advance RISC Machine”, organized by ISTE&CSI student chapter, Integral University, Lucknow, Mar 2015
- Attended one day National Workshop on “Embedded Systems and Robotics”, organized by Integral University, Lucknow, Sept 2015
- Attended FDP on MATLAB organized by Integral University, Lucknow, Feb 2016
- Attended one day National Seminar on “Emerging trends and advancements in Cyber Security”, organized by Integral University, Lucknow, Sept 2016.
- Attended Workshop on, “Web Technology clubbed with .NET”, Integral University, 2017
- Attended Seminar on “ISPSFPRES-17”, Integral University, 2017
- Attended Seminar on “Modern Trends in Engineering and Sciences”, Integral University, 2017
- Attended FDP on “Xcel in Excel”, Integral University, 2018
- Attended STC on “Faculty Development Planning and Management through ICT”, NITTTR 2018.
- Attended workshop on “ Python and its Applications with IOT” , Softpro India, 2018
- Attended International E-Symposium on “Recent Advancements in Information and Communication Technology” Integral University, 2020
- Next-Gen Computing Technologies (Two-Week Blended Faculty Development Programme, Integral University, 2021.

RESEARCH INTEREST:

- Soft Computing
- Big Data and Data Mining
- Machine Learning

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Scopus:06
- Conference Paper: 4
- Book Chapter: 03
- Other National/ International Journals: 13

PROFESSIONAL MEMBERSHIP:

- Member of International Association of Engineers (IAENG), Hong Kong.
- Member of CSI(one year)
- Member of IEEE (one year)

COURSE TAUGHT:

- Discrete Mathematics
- Automata theory
- Compiler Design
- Design and Analysis of Algorithm
- Switching Theory
- Programming languages (C, C++)
- Computer Networks
- Graph Theory
- Computer Graphics and Animation
- Computer Architecture

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- Served as Head, Department of Computer Application, Integral University, Lucknow from 2010-2011
- Member of Quality Assurance cell
- Ph.D. Coordinator
- Member of Syllabus Review Committee for Computer Applications
- Member for Departmental Societies
- Member of Research & Development Cell
- Question Paper Setter of MCA, BCA, B-Tech (CSE)
- Member of Board of Studies (BOS)
- Member of reviewer of Research Papers (Conference CCTES, 11/05/2024 in IU)

STUDENTS SUPERVISION

PH.D.:

- Supervised 01Ph.D.s successfully and 05 students are enrolled currently.

PROJECT GUIDED:

- Guided more than 50 Projects of M.C.A, B.C.A and B.Tech (CSE) Courses.

PUBLISHED SCOPUS RESEARCH PAPERS

- Ahamad, M.K., et. al., “K-means clustering hybridized with nature inspired optimization algorithm: A review”, *AIP Conference Proceedings*, 2024, 2935(1), 020026.
- Ahamad, M.K., et. al. , “K-Means Hybridization with Enhanced Firefly Algorithm for High-Dimension Automatic Clustering”, *Journal of Advanced Research in Applied Sciences and Engineering Technology*, 2024, 33(3), pp. 137–153.
- Ahamad, M.K., et. al., “Detection of Rheumatoid Arthritis Using CNN by Transfer Learning”, *Studies in Computational Intelligence*, 2024, 1133, pp. 99–112.
- Ahamad, M.K., et. al., “Prevention from COVID-19 in India: Fuzzy Logic Approach”, *International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2021*, 2021, pp. 421–426, 9404575
- Ahamad, M.K., et. al. , “Validation of Clustering Based Framework Using Unsupervised Machine Learning”, *2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021*, 2021.
- Ahamad, M.K., et. al. , “Analysis the cluster performance of real dataset using SPSS tool with K-means approach via PCA”, *Advances in Mathematics: Scientific Journal*, 2021, 10(1), pp. 535–542.

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- Conference Paper:04

PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- Ahamad, M.K., et. al. “Comparative Analysis the Fitness Function of K-Means and Kernel Fisher’s Discriminant Analysis (KFDA) With Genetic Algorithm”, *European Journal of Molecular & Clinical Medicine*, 7 (11), 6231-6241.
- Ahamad, M.K., et. al. “An Effective Technique on Clustering in Perspective of Huge Data Set”, *International Journal of Recent Technology and Engineering*, 8 (6), 4485-4491.
- Ahamad, M.K., et. al. “A Statistical Analysis and Comparative Study of Embedded Hypercube”, *International Journal of Computer Applications*, 103 (0975 – 8887), 1-7.
- Ahamad, M.K., et. al. “A Framework for Embedded Hypercube Interconnection Networks”: Based on Neural Network Approach”, *International Journal of Computer Applications*, 120 (2), 25-34.
- Ahamad, M.K., et. al. “Fitness Analysis of Cluster for Real World COVID-19 Dataset Using Fuzzy Clustering”, *Journal of Huazhong University of Science and Technology*, 50 (2), 1-6.
- Ahamad, M.K., et. al. “A comparatively Analysis and Performance of Logical Topology of Embedded Hypercube (LTOEH) Interconnection Network” , *International Journal of Computer Applications*, 132 (9), 22-30.
- Ahamad, M.K., et. al. “Literature Review: Convey the Data in Massive Parallel Computing”, *International Journal of Innovative Research in Information Security (IJIRIS)*.

- Ahamad, M.K., et. al. “Required Delay of Packet Transfer Model for Embedded Interconnection Network”, *International Journal of Engineering Research & Technology*, 2 (1), 1-11.

BOOK CHAPTERS

- “Detection of Rheumatoid Arthritis Using CNN by Transfer Learning”, *Artificial Intelligence and Autoimmune Diseases*” SPRINGER, 2024, pp 99-112. ISBNN 978-981-99-9028-3.
https://link.springer.com/chapter/10.1007/978-981-99-9029-0_5
 - “Enhancing Education through Artificial Intelligence: Innovations in Teaching, Learning, and Assessment”, *Nitya Publications*, Bhopal MP India” 2023, Integral University Lucknow, Volume 177, 2013, pp 631-637. ISBNN 978-93-5857-952-9
 - “Cyber Security Technique for Profound Analytic of Big Data using AI”, *Computational Intelligence Applications in Cyber Security*, Published October 29, 2024 by CRC Press, ISBN 9781032470597. <https://www.routledge.com/9781032470597>
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