



Dr. Akhilesh Kumar Shrivastava,  
Assistant Professor

**School:** School of Mathematical and Computational Science

**Department:** Computer Science & Information Technology

**Phone:** 9098174759

**Email:** proffshrivas@gmail.com

**Personal Webpage Link:**

**Qualifications:** Ph.D. (Computer Science), M. Phil (Computer Science), MCA  
UGC-NET and CG-SET Qualified

**Area of Interest/Specialization:** Data Mining, Machine Learning, Feature Selection and Dimensional Reduction, Image Processing and Image Classification

**Experience:** 7 years

**Awards and Honors:** NA

**Research Projects:** NA

**International Collaboration/Consultancy:** NA

**Best Peer Reviewed Publication (up-to 10)**

1. **(2018)**, Development of An Efficient Classifier using Proposed Sensitivity-Based Feature Selection Technique for Intrusion Detection System, Int. Journal of Information and Computer Security , Vol. 10., No. 1,pp. 80-101.
2. **(2018)**, Analysis and Comparison of Clustering Techniques for Chronic Kidney Disease with Genetic Algorithm, International Journal of Computer Vision and Image Processing, IGI Global, Vol. 08, No.04, pp. 16-25.
3. **(2018)**, An Ensemble Model for Detecting Phishing Attack with Proposed Remove-Replace Feature Selection Technique, Procedia Computer Science, Elsevier. Vol. 132, pp. 900-907.
4. **(2019)**, Classification of Chronic Kidney Disease using Combination Feature Selection Techniques and Classifiers, International Journal of Computer Sciences and Engineering, Vol. 7, Special Issue 3, pp. 114-117.

5. **(2019)**, A Proposed Ensemble Model with Feature Selection Technique for Classification of Chronic Kidney Disease, *International Journal of Engineering and Advanced Technology (IJEAT)* Vol. 9, No.2, pp. 966-972.
6. **(2020)**, A Novel Meta-Ensemble Model Of Gene-Expression Big Data, *PalArch's Journal of Archaeology of Egypt/Egyptology*, Vol. 17, No.9, pp. 4109-4117.
7. **(2021)**, Design of a Novel Ensemble Model of Classification Technique for Gene-Expression Data of Lung Cancer with Modified Genetic Algorithm, *International Journal on EAI Endorsed Transactions on Pervasive Health and Technology*, Vol. 07, No. 25, pp. 01-13.
8. **(2021)**, Development of Proposed Ensemble Model for Spam e-mail Classification, *Information Technology and Control*, Vol. 50, No. 3, pp. 411-423.
9. **(2021)**, Robust Text Classifier for Classification of Spam E-Mail Documents with Feature Selection Technique, *Ingénierie des Systèmes d'Information*, Vol. 26, No. 5, , pp. 437-444.
10. **(2022)**, An Integrated Approach of Proposed Pruning Based Feature Selection Technique (PBFST) for Phishing E-mail Detection, *Recent Advances in Computer Science and Communications*, Bentham Science, Vol. 15, Issue 5, pp. 683-692.

#### **Recent Books/Book Chapters/Monographs etc.**

1. **(2016)**, Data Mining for Information Security: An Experimental Approach, *Lambert Academic Publishing*, ISBN: 978-3-659-95114-5.
2. **(2021)**, COVID-19 Pandemic in India :Forecasting using Machine Learning Techniques, *Data Science for COVID-19*, Vol. 1, pp. 503-525, ISBN: 978-0-12-824536-1 (**Elsevier**).
3. **(2022)**, A Two-Stage Multi feature Selection Method to Predict Healthcare Data Using Neural Network, *EAI/Springer Innovations in Communication and Computing*, ISBN 978-3-030-78283-2 ,ISBN 978-3-030-78284-9 (eBook)(**Springer**).

**Research Supervision:** 07 (M. Phil Awarded), 04 (Ph. D. Awarded), 02 (Ph. D. pursuing)

#### **Administrative Responsibilities**

- Samarth modules coordinator
- Member of various committees

## **Additional Information**

1. Chaired Session in Dubai (UAE) at MTMI International Conference from 15 Dec. 2017 to 18 Dec. 2017.
2. Resource Person in One day Seminar/Workshop sponsored by UGC-CPE at Kamla Nehru Mahavidyalaya Korba (C.G.) on dated 23-03-2018.
3. Chief Coordinator in Experiential Workshop on Data Analytics Using R, held on 27-28 July 2018 Organized by Department of CSE and Department of I , Dr. C. V. raman University Bilaspur(CG).
4. Conference Chair of International Conference on Innovative Research In Science, Management and Technology (ICIRSMT-2018) held on 4-5 August 2018 at Hotel Ananda Imperial organized by Bilaspur University, Bilaspur (CG).
5. Co-convener of National Conference on Advances in Computer Science and Information Technology, held on 23-24 February 2019 at Dr. C. V. Raman University Bilaspur(C.G.).
6. Conference Chair of International Conference on Innovative Research In Science, Management and Technology (ICIRSMT-2020) held on 4-5 January 2020 at Intercity Hotel organized by Bilaspur University, Bilaspur(CG).
7. Co-coordinator of One Week faculty Development Programme on "Emerging Trends in Machine Learning and Its Applications" held from 07 March 2022 to 11 March 2022 organized by the Department of Computer Science & Information Technology, Guru Ghasidas Vishwavidyalaya Bilaspur(CG).
8. Co-editor of "Review of Business & Technology Research", Published by Modern Technology and Management, Inc., USA, Vol 15, No.1, ISSN: 1941-9406 (Print), ISSN: 1941-9414 (CD) August (2018).
9. Editor of "Review of Business & Technology Research", Published by Modern Technology and Management, Inc., USA, Vol 15, No. 3 , ISSN: 1941-9406 (Print), ISSN: 1941-9414 (CD) December (2018).
10. Editor of "Review of Business & Technology Research", Published by Modern Technology and Management, Inc., USA, Vol 16, No. 2 , ISSN: 1941-9406 (Print), ISSN: 1941-9414 (CD) December (2019).

11. Member of Steering Committee in MTMI International Conference held on 22-23 Dec. 2018 in Bangkok, Thailand.
12. Member of Organizing Committee in 2019 MTMI Annual International Conference on Globalization and Competitiveness in Business and Technology will be held at the Avanti Palms Resort and Conference Center, Orlando, Florida, USA during September 20-22, 2019.
13. Member of Organizing Committee in 2019 MTMI International Conference on Emerging Issues in Business, Technology and Applied Sciences will be held at the Amity Institute of Higher Education (AIHE), Mauritius during December 20-22, 2019.
14. Member of Editorial Board 2021 AIMT Conference (Virtual) on Interdisciplinary Research in Applied Mathematics, Management and Technology (IRAMMT), June 20-21, 2021.
15. Member of International Associations of Engineers. Member Id: 190226.
16. Member of American Institute of Management and Technology(AIMT), USA, Membership ID: AIMT/RM/2021/113.
17. Member of BoS of Information Technology Department, Shaheed Mahendra Karma Vishwavidyalaya, Bastar (CG).
18. Presented papers in various National and International Conferences.
19. More than 15 research paper published in proceedings of International conferences.
20. Attended more than 20 FDPs/Workshop/Seminar.

Google Scholar Link: <https://scholar.google.com/citations?user=0USS6eQAAAAJ&hl=hi>

Last Revised on 13 April 2023

Dr. Akhilesh Kumar Shrivastava