

Dr. AKHILESH KUMAR SHRIVAS

Assistant Professor,

Department of Computer Science and Information Technology (CSIT),

Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur (C.G.)

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TEACHING EXPERIENCE

- Lecturer (Temporary) in Computer Science and Engineering (CSE), Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) from **25.08.2009** to **30.06.2010**.
- Assistant Professor in Dr. C. V. Raman University ,Kota Bilaspur (C.G.) Bilaspur (C.G.) from **23-09-2015** to **25-12-2019**.

ACADEMIC PROFILE**CG-SET QUALIFIED (COMPUTER SC. AND APPLICATION) 2019****UGC-NET QUALIFIED (COMPUTER SC. AND APPLICATION) 2018****DOCTOR OF PHILOSOPHY (COMPUTER SC.)**

Dept. of Comp. Science & Information Tech. Bilaspur (C.G.)

Dr. C. V. Raman University, Bilaspur(C.G.).

2015**MASTER OF PHILOSOPHY (COMPUTER SC.)****2011**

Dept. of Comp. Science & Information. Tech. Bilaspur (C.G.)

Dr. C. V. Raman University, Bilaspur(C.G.).

MASTER OF COMPUTER APPLICATION (MCA)**2007**

Dept. of Comp. Science & Information. Tech. Bilaspur (C.G.)

Guru Ghasidas University, Bilaspur.

BACHELOR OF SCIENCE (COMPUTER SC.)**2004**

CMD post graduate college

Guru Ghasidas University, Bilaspur (C.G.)

HIGHER SECONDARY (MATHEMATICS)**2001**

Guru Teg Bahadur Higher Secondary school, Bilaspur(C.G.)

Madhya Pradesh Board Of Secondary Education, Bhopal.

SENIOR SECONDARY**1999**

D.K.P. Higher Secondary School Kota, Bilaspur (C.G.)

Madhya Pradesh Board Of Secondary Education, Bhopal.

RESEARCH AREA

- ❖ Data Mining, Information Security, Machine learning, Feature Selection and Optimization.

RESEARCH GUIDANCE

- ❖ M. Phil. Awarded: 07
- ❖ Ph. D. (Thesis Submitted): 01

International Journal

1. **(2011)**, An ensemble classification model for Intrusion Detection System (IDS) with feature selection, International Journal, International Journal of Decision science and Information Technology, Vol. 5 pp. 13-24.
2. **(2012)**, An ensemble model for classification of spam E-mail with feature selection techniques, General of global information technology, Vol. 7, pp. 32-37.
3. **(2013)**, An efficient decision tree model for classification of attacks with feature selection, International Journal of Computer Applications (IJCA). Vol. 84, pp. 42-48.
4. **(2013)**, Tuned artificial neural network model for e-mail data classification with feature Selection, International Journal of Computer Applications (IJCA). Vol. 67, pp. 20-25.
5. **(2013)**, Artificial neural network, Decision tree and Statistical techniques applied for designing and developing e-mail classifier. International Journal of Recent Technology and Engineering (IJRTE). Vol. 1, Issue 6, pp.164-169.
6. **(2014)**, An ensemble model for classification of attacks with feature selection based on KDDCUP'99 and NSL- KDD data set, International Journal of Computer Applications (IJCA), Vol. 99, Issue 15, pp. 8-13.
7. **(2015)**, Thyroid Classification using Ensemble Model with Feature Selection, International Journal of Computer Science and Information Technologies, Vol. 6, Issue 3 ,pp. 2395-2398.
8. **(2015)**, Decision Tree Model for Classification of E-mail Data with Feature Selection, International Journal of Research Studies in Computer Science and Engineering (IJRSCSE), ISSN 2349-4840 (Print) & ISSN 2349-4859 (Online), pp. 15-19.
9. **(2016)**, Classification of Thyroid Disease with Feature Selection Technique, International Journal of Engineering and Techniques , Vol. 2, Issue 3, pp. 128-131.
10. **(2016)**,Application of Data Mining with Teaching Assistant Evaluation: A Review, International Journal of Innovations in Engineering and Technology (IJIET),Vol 7, Issue 2, pp. 8-13.
11. **(2016)**, Big Data Analytics: A Review, International Journal of Computer Science and Technology,Vol. 7, Issue 3, pp. 92-94.
12. **(2016)**, Intrusion Detection System for Classification of Attacks with Cross Validation, International Journal of Engineering Science Invention, Vol. 5, Issue 9, pp. 21-24.
13. **(2016)**, Classification of Breast Cancer Diseases using Data Mining Techniques, International Journal of Engineering Science Invention, Vol. 5, Issue 12, pp. 62-65.
14. **(2016)**, The Visions, Technologies, Applications And Security Issues Internet of Things for Smart Cities, International Journal of Recent Trends in Engineering and Research, Vol. 2, Issue 12, pp. 74-80.
15. **(2016)**, Developing Smart Cities using Internet of Things, International Journal of Recent Trends in Engineering and Research, Vol. 2, Issue 12, pp. 81-86.
16. **(2016)**, Comparative Study of Throughput in MANET Routing Protocols with Variable Nodes using NS-2, International Journal of Computer Applications, Vol.152, No.10, pp. 38-41.
17. **(2016)**, Identification of Liver Disease using Classification Technique, International Journal of Recent Trends in Engineering and Research, Vol. 02, Issue 01, pp. 71-76.

18. (2016), An Ensemble Model for Classification of Phishing e-mail, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 4 , Issue 10, pp. 579-582.
19. (2016), An Ensemble Model for Teaching Assistant Evaluation using Classification Technique, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 4, Issue 12, pp. 404-407.
20. (2017), Comparative Analysis of Models for Student Performance with Data Mining Tools, International Journal of Computer Trends and Technology (IJCTT), Vol. 46, Issue 1, pp. 42-46.
21. (2017), Performance Analysis of Data Mining Techniques for Stock Price Forecasting, International Journal of Engineering Research & Technology (IJERT), Vol. 6, Issue 05, pp. 861-864.
22. (2017), The Analysis of the Privacy Issues in Big Data: A Review, International Journal of Recent Trends in Engineering and Research, Vol. 3, Issue 04, pp. 298-305.
23. (2017), An Efficient and Computationally Efficient Model for Classification of Heart Disease , Bharat Journal of Science Technology and Humanities, Vol. 3, Issue 1, pp. 15-19.
24. (2017), Decision Tree Classifier for Classification of Phishing Website with Info Gain Feature Selection, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 5 Issue 5, pp. 780-783. .
25. (2017), Applications of Biometric Authentication: An Analysis and Comparison, International Education & Research Journal, Vol. 3, Issue 5, pp. 181-183.
26. (2017), An Effective Prediction Factors for Coronary Heart Disease using Data Mining based Classification Technique, International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 5 Issue 5, pp. 813-816.
27. (2017), An Ensemble Approach for Classification of Thyroid Disease with Feature Optimization, International Education & Research Journal, Vol. 3, Issue 5, pp. 112-113.
28. (2017), Time Series Data Prediction Using Sliding Window based RBF Neural Network, International Journal of Computational Intelligence Research, Vol. 13, Issue 5, pp. 1145-1156.
29. (2017), Identification and Classification of Heart Disease with Feature Selection, International Journal of Engineering Science and Technology, Vol. 9, Issue 05, pp. 459-463.
30. (2017), Analysis and Comparison of Models for Classification of Diabetic Disease, International Journal for Research in Applied Science & Engineering Technology, Vol. 5, Issue 5 , pp. 2111-2114.
31. (2017), Analysis and Comparison of Data Mining Tools and Techniques for Classification of Banknote Authentication, International Journal of Advanced Research in Computer Science, Vol. 8 , Issue 5,pp. 1917-1921.
32. (2017), An Ensemble Model with Feature Selection Technique for Classification of Lung Cancer Disease, International Journal of Advanced Research in Computer Science, Vol. 8, Issue 7. , pp. 198-201.
33. (2018), Development of An Efficient Classifier using Proposed Sensitivity-Based Feature Selection Technique For Intrusion Detection System, Int. Journal of Information and Computer Security , **Inderscience**, Vol. 10., Issue 1,pp. 80-101. (*Scopus Index*)

34. **(2018)**, Neural Network Techniques to Develop a Robust Financial Time Series Forecasting System, International Journal of Pure and Applied Mathematics, Vol. 118, Issue 19, pp. 125-133. (*Scopus Index*)
35. **(2018)**, Classification of Chronic Kidney Disease using Feature Selection Techniques, International Journal of Computer Sciences and Engineering, Vol. 06, Issue 05, pp. 649-653.
36. **(2018)**, Comparative Study of Classification Models with Genetic Search Based Feature Selection Technique, International Journal of Applied Evolutionary Computation, IGI Global, Vol. 09, Issue 03, pp. 01-11.
37. **(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, Issue 04, pp. 16-25.
38. **(2018)**, A Robust Predictive Model for Stock Market Index Prediction using Data Mining Technique, International Research Journal of Engineering and Technology (IRJET), Vol. 05, Issue 05, pp. 1893-1896.
39. **(2018)**, Analysis and Dimension Reduction of Big Data: A Review, International Journal of Recent Trends in Engineering and Research, Vol. 04, Issue 06, pp. 81-85.
40. **(2019)**, Prediction of FX Data using ANFIS And ANN with Combined Approach of Wavelet and Feature Extraction Technique, International Journal of Computer Sciences and Engineering, Vol. 7, Special Issue 3, pp. 15-18.
41. **(2019)**, Feature Selection on High Dimensional Big Data of Gens Expression using Filter based Feature Selection Methods, International Journal of Computer Sciences and Engineering, Vol. 7, Special Issue 3, pp. 105-108.
42. **(2019)**, Study of Unsharp Masking and Contrast Limited Adaptive Histogram Equalization on CT Images of Emphysema, International Journal of Computer Sciences and Engineering, Vol. 7, Special Issue 3, pp. 162-166.
43. **(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.
44. **(2019)**, Removal of the Load Traffic in Cellular Network and Data Availability to Maintain Load Balancing, International Journal of Computer Sciences and Engineering, Vol. 7, Special Issue 3, pp. 70-75.
45. **(2019)**, Financial Time Series Forecasting using Back Propagation Neural Network and Deep Learning Architecture, International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, Issue 1, pp. 3487-3492. (*Scopus Index*)
46. **(2019)**, Comparative analysis of cluttering approach for academic performance of student, International journal of Research and Analytical Reviews(IJRAR), Vol 06, Issue 02, pp. 351-356.
47. **(2019)**, Comparative Analysis of Learning Techniques for Breast Cancer Detection, International journal of Research Journal of Analytical Reviews (IJRAR), Vol. 06, Issue 02, pp. 521-526.
48. **(2019)**, Classification of Skin Disease with Data Mining Based Ensemble Approach, International Journal for Science and Advance Research in Technology (IJSART), Vol. 05, Issue 05, pp. 418-420.
49. **(2019)**, Text Preprocessing and Classification Using Machine Learning Technique, Anusandhan (AUJ-AN)', Vol. 8, pp. 1766-1769.

50. (2019), Feature Selection of High Dimensional Big Data of Gene Expression for Cancer Dataset, Anusandhan (AUJ-AN), Vol. 8 , pp. 1818-1822.
51. (2019), Classification of High Time Resolution Universe Survey 2 Data by Machine Learning Technique, Anusandhan (AUJ-AN), Vol. 8, pp. 1814-1817.
52. (2019), Prediction of FX Data using ANFIS And ANN with Combined Approach of Wavelet and Feature Extraction Technique, International Journal of Computer Sciences and Engineering, Vol. 7, Special Issue 3,pp. 15-18.
53. (2019), A Proposed Ensemble Model with Feature Selection Technique for Classification of Chronic Kidney disease, International Journal of Engineering and Advance Technology(IJEAT), Vo. 9, Issue 2, pp. 966-972. (*Scopus Index*)
54. (2019),Text Classification of Cornell Movie Data using Data Mining with Feature Selection, International Journal of Engineering and Advance Technology(IJEAT), Vo. 9, Issue 2, pp. 2950-2955. (*Scopus Index*)

Proceeding/ Presented paper of International Conference

1. (2012), Data mining techniques and its ensemble model applied for classification of e-mail data, Proceeding of “Review of Business and Technology Research” in International conference EPPICTM 2012 held in Gautam budha University Noida (U.P.). Vol. 5, pp. 473-479 (**Presented**).
2. (2012), Classification model as Intrusion Detection System (IDS) using data mining technique, Proceeding of “Review of Business and Technology Research” in International conference sponsored by MTMI,USA and Department of business, management and accounting ,University of Maryland Eastern Shore (USA.), Vol. 8, Issue 1, pp. 150-154.
3. (2017), Decision Support System for Classification of Chronic Kidney Disease with Principle Component Analysis, Proceeding of “Review of Business and Technology Research” in International Conference at the Hotel Holiday Inn Express **Dubai Airport, Dubai, UAE** during December 2017, Vol. 14, Issue 2, pp. 105-110 (**Presented**).
4. (2017), Prediction of Forex Data using Neural Network with Feature Extraction, , Proceeding of “Review of Business and Technology Research” in International Conference at the Hotel Holiday Inn Express **Dubai Airport, Dubai, UAE** during December 2017, Vol. 14, Issue 2, pp. 111-116.
5. (2017), An Analysis of Big Data Dimensionality Reduction Technique, Proceeding of “Review of Business and Technology Research” in International Conference at the Hotel Holiday Inn Express **Dubai Airport, Dubai, UAE** during December 2017, Vol. 14, Issue 2, pp. 117-122 (**Presented**).
6. (2018), Classification of Chronic Kidney Disease with proposed Union Based Feature Selection Technique, Proceeding of “3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT)”, 2018, Jaipur, *Elsevier-SSRN* Digital Library, pp. 503-50.
7. (2018), An Ensemble Model for Detecting Phishing Attack with Proposed Remove-Replace Feature Selection Technique, International Conference on Computational Intelligence and Data Science (ICCIDS 2018), Delhi, Procedia Computer Science, Vol. 132, pp. 900-907. (*Scopus Index*)
8. (2018), Performance Evaluation of Classifiers for Classification of Chronic Kidney Disease, Proceeding of Review of Business and Technology Research of International Conference at Hotal Ananda Imperial organized by Bilaspur University, Bilaspur(C.G.) during 04-05 August 2018, Vol. 15, Issue 1, pp. 120-124.(**Presented**)

9. (2018), Trusted Multipath Energy Efficient Routing Technique for Congestion Avoidance in MANET, Proceeding of Review of Business and Technology Research in International Conference in Bangkok during 22-23 December 2018, Vol. 15, Issue 3, pp. 56-62.(Online Presented)
10. (2018), Foreign Exchange Rate Prediction using Deep Learning, Presented paper in International Conference in Bangkok held on during 22-23 December 2018.(Online Presented)
11. (2018), GLCM based Feature Extraction Of Emphysema Images, Proceeding of Review of Business and Technology Research in International Conference in Bangkok during 22-23 December 2018, Vol. 15, Issue 3, pp. 269-273.

Book Chapter of International Conference

1. (2012), E-mail and its security: A modern way of teaching and research, International conference on Innovation and Research in Technology for Sustainable Development held in OPJIT Raigarh (C.G.), ISBN 978-93-82338-21-5, pp. 168-170. (Presented)
2. (2014), Data mining approach for developing various models based on types of attack and feature selection as intrusion detection systems (IDS), Proceeding of International Conference on Intelligent, Computing Networking, and Informatics, Advances in Intelligent Systems and Computing, *Springer*, Vol. 243, pp. 845-851. (Presented)
3. (2014), Decision Tree Techniques Applied on NSL-KDD Data and its Comparison with Various Feature Selection Techniques, *Proceeding of International Conference on Advanced Computing, Networking, and Informatics (ICACNI-2014)*, *Springer*. Vol. 1, pp. 205-211.
4. (2016), A Proposed Bucket Based Feature Selection Technique (BBFST) for Phishing E-mail Classification, **Proceeding of International Conference on Advanced Computing, Networking, and Informatics (ICACNI-2016)**, *Springer*, Vol. 2, held on 22-24 September (2016) at NIT, Rourkela, India, Vol. 2, pp. 189-194. (Presented).

National Conference (*Paper presented*)

1. (2012), Analysis of a Rule Set for Detecting Phishing Attacks, National conference on Advance Computing and Communication Technologies held in Chouksey Engg. College Bilaspur (C.G.), (2012) (Presented).
2. (2015), Data mining based decision tree classifier for phishing mail, National Seminar on “*Innovation and Research in Science, Management and Technology*”, held at Bilaspur University, Bilaspur (C.G.) (Presented).

Book's Publication

- (2016), Data Mining for Information Security: An Experimental Approach, Lambert Academic Publishing, ISBN:978-3-659-95114-5.

WORKSHOP/ SEMINAR/FDP ATTEND

1. One Week National Workshop on “**Research Methodology and Tools**”, held on 25th to 30th June 2016 at Pt. Sundarlal Sharma University, Bilaspur(C.G.), India.
2. Attended Two days Training Program on “ **SAKSHAM- TEACHING AND TECHNOLOGY TRAINING**” held on 29-10 December 2017 at Dr. C. V. Raman University, Kota Bulpur (C.G.), India.
3. Two days workshop on “**Design and Development of Self Learning Material**”, held on 08th to 09th April 2017 at Sunderlal Sharma University, Bilaspur(C.G.), India.

4. One Week Faculty Development Programme on “**Teaching –Learning Evaluation**” , held on 2nd to 7th January 2017 at Dr. C. V. Raman University, Kota Bilaspur (C.G.), India.
5. Attended One Week Faculty Development Programme on “**Empowering Academic Skills and Reserach**” , held on 2nd to 7th January 2017 at Dr. C. V. Raman University, Kota Bilaspur (C.G.), India.
6. One Day National Seminar on “**Classroom Teaching**” Sponsored by Indian Association of Physics Teachers held on 22nd July 2017 at Dr. C. V. Raman University Kota, Bilaspur (C. G.), India.
7. Two days Experiential workshop on “**Data Analytics using R**”, held on 27th to 28th July. 2018 at Dept. of CSE and IT, Dr. C. V. Raman University, Kota Bilaspur (C.G.), India.
8. One Week Faculty Development Programme on “**Big Data Analytics using Hadoop and Spark**“, held on 26th December to 01th December 2018 at Bhilai Institute of Technology, Durg(C.G.), India.
9. Five- Days Faculty Development Programme on “**Introduction to Programming: A Pedagogical Approach**“, held on 17th June 2019 to 21th June 2019 at Atal Bihari Vajpayee University, Bilaspur(C.G.), India.
10. One Week Faculty Development Programme on “**AI and robotics** “, held on 24th June to 28th June 2019 at Atal Bihari Vajpayee University, Bilaspur(C.G.), India.

RESOURCE PERSON/SESSION CHAIRS/CONFERENCE CHAIR/CONVENER/CO-CONVENER

1. **Session Chair** 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. **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(C.G.).
4. **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.).
5. **Conference Chair** of International Conference on Innovative Research In Science, Management and Technology (ICIRSMT-2020) held on 04-05 January 2020 at Hotel Intercity organized by Atal Bihari Vajpayee University, Bilaspur(C.G.).

EDITOR/CO-EDITOR

1. **Co-editor** of “Review of Business & Technology Research”, Published by Modern Technology and Management, Inc., USA, Vol 15, Issue 1 , August (2018).
2. **Editor** of “Review of Business & Technology Research”, Published by Modern Technology and Management, Inc., USA, Vol 15, Issue 3 , December (2018).

MEMBERSHIP

- Member of International Association of Engineers.

AWARDS

- **Distinguished Service Award** in International Conference on Innovative Research In Science, Management and Technology (ICIRSMT-2018) held on 4-5 August 2018 at Bilaspur University, Bilaspur(C.G.).

- **Distinguished Service Award** in International Conference on Innovative Research In Science, Management and Technology (ICIRSMT-2020) held on 04-05 January 2020 at Atal Bihari Vajpayee University, Bilaspur(C.G.).