



Dr. Akhilesh Kumar Shrivias
(Assistant Professor)

School: School of Mathematical and Computational Science

Department: Computer Science & Information Technology

Phone: 9098174759

Email: proffshrivas@gmail.com,

akhilesh.shrivias@ggu.ac.in

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

Area of Interest/Specialization: Data Mining, Machine Learning, Information Security

Working Experience: 9 years

PUBLICATION

International Journal

1. H. S. Hota, **Akhilesh Kumar Shrivias**, and S. K. Singhai (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.
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17. Prem Kumar Chandrakar and A. K. Shrivias (Jan 2020), Analysis of Ensemble Model for Classification of Gene Expression Big Data, Presented Paper on International Conference on Innovative Research in Science, Management and Technology, Organized by Department of Computer Science and Application, Atal Bihari Vajpayee University, Bilaspur(C.G.), India In Association with MTMI, Inc. USA during 4-5 January 2020. **(Presented)**

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5. S. M. Ghosh, **A. K. Shrivass** and Amit Kumar Dewangan (March 2021), Data Mining Approach for Classification of SMS Spam, National Conference on ” Sustainable Asia's Problems & Prospects”, organized by Shri Shankaracharya Institute Of Professional Management & Technology, Raipur powered by THE PROGRESS (An initiative of Sri Aurobindo Yoga & Knowledge Foundation India) (**Presented**).
6. Prakash Pathak and **Akhilesh Kumar Shrivass** (Jan 2023), Phishing Website Classification using Machine Learning Techniques, SERB and CGCOST sponsored National Conference on Machine Learning , Deep Learning and IoT, held on 19-20 January 2023 organized by Department of CSIT, Guru Ghasidas Vishwavidyalaya Bilaspur (CG), India, and also **published in proceedings ISBN No. : 978-93-5768-638-9 . (Presented)**.
7. Hema Vastrakar and **Akhilesh Kumar Shrivass** (Jan 2023), Identification of Skin Cancer using Convolutional Neural Network, SERB and CGCOST sponsored National Conference on Machine Learning , Deep Learning and IoT, held on 19-20 January 2023 organized by Department of CSIT, Guru Ghasidas Vishwavidyalaya Bilaspur (CG), India and also **published in proceedings ISBN No. : 978-93-5768-638-9. (Presented)**.

Book / Book Chapter

1. H. S. Hota and **A. K. Shrivass** and S. K. Singhai (2016), Data Mining for Information Security: An Experimental Approach, *Lambert Academic Publishing. ISBN:978-3-659-95114-5*.
2. H.S. Hota, Richa Handa and **A.K. Shrivass** (May 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. Rashmi Gupta, **Akhilesh Shrivass**, and Ragini Shukla (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), <https://doi.org/10.1007/978-3-030-78284-9> (**Springer**).

Patents

1. Australian Patent on “Home Automation based on User Detection using Internet of Things” (Granted on 7 April 2021).
2. Indian Patent on “An Artificial Intelligence And Machine Learning Based Automatic Penalty Device And Its Method Thereof” (Date of Grant: 04/03/2024)

WORKSHOP/ SEMINAR/FDP ATTEND/NPTL COURSE/MOOC COURSE

1. Attended National Conference on “**Software and Engineering Technologies**”, held on 8-9 Sep 2006 at Chouksey Engineering College Bilaspur (C.G.)
2. Two days workshop on “**Android Application**”, held on 19th to 20th Sep. 2016 at Dept. of IT, Dr. C. V. Raman University, Kota Bilaspur (C.G.), India.
3. 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.
4. Attended Two days Training Program on “ **SAKSHAM- TEACHING AND TECHNOLOGY TRAINING**” held on 29-10 December 2017 at Dr. C. V. Raman University, Kota Bilaspur (C.G.), India.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. One Week Faculty Development Programme on “**Robotics and AI**“, held on 24th June to 28th June 2019 at Atal Bihari Vajpayee University, Bilaspur (C.G.), India.
13. Eight Weeks NPTL Online Certificate Course successfully completed on “**Data Mining**” in duration of FEB-APRIL 2020.
14. Two Weeks Online Faculty Development Programme on “**Machine Learning for Computer Vision**“, held on 29 June to 08 July 2020 under the “scheme of financial assistance for setting up of Electronic and ICT Academies” of the Ministry of Electronics and Information Technology, Government of India.
15. Two Weeks Online Faculty Development Programme on “**Advanced Optimization Techniques and hands-on with MATLAB/SCILAB**“, jointly organized by Electronic and ICT Academies, supported by Ministry of Electronics and Information Technology, Government of India during 13 July to 24 July 2020.
16. Two Weeks Online Faculty Development Programme on “**Data Science for All**“, jointly organized by Electronic and ICT Academies- NIT Warangal, IIITDM Jabalpur and NIT Patna, supported by Ministry of Electronics and Information Technology, Government of India during 27 July to 08 August 2020.
17. Two Weeks Online Faculty Development Programme on “**Machine Learning for Computer Vision**“, jointly organized by Electronics and ICT Academies at IIT Guwahati, IIT Kanpur, MNIT Jaipur, NIT Patna

and PDPM IITDM Jabalpur supported by Ministry of Electronics and Information Technology, Government of India during 1-12 February, 2021.

18. One Week Online AICTE Training And Learning (ATAL) Academy Faculty Development Programme on **“Data Science and Big Data Analytics”** from 28-06-2021 to 03-07-2021 at Department of Computer Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India
19. Five Days Online AICTE Sponsored Short Term Training Programme (STTP) on **“Data Science : Applications and Research Directions”** from 2021-07-05 to 2021-07-09 at Atal Bihari Vajpayee University.
20. 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).
21. One Week faculty Development Programme on **“Cyber Crime and Forensic Tools”** Conducted by Information Management and Emerging Engineering Department from 23/05/2022 to 27/05/2022 at Guru Ghasidas Vishwavidyalaya Bilaspur(CG), India.
22. Contributed 3 Lecture to 4-credit SWAYAM MOOC course titled “Introduction to Database Management System”.

ORIENTATION(FIP)/REFRESHER

1. Completed online One month **Faculty Induction Program (FIP)** from 01-09-2020 to 30-09-2020 organized by Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, Delhi Under the Aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
2. Completed online **Refresher course** from 06-10-2021 to 20-10-2021 organized by Teaching Learning Centre, Ramanujan College University of Delhi In collaboration with Davangere University Davangere, Karnataka under the aegis of Ministry Of Education.

EXPERT TALK/ GUEST LECTURE/RESOURCE PERSON/SESSION CHAIRS/CONFERENCE CHAIR/CONVENER/CO-CONVENER/CO-ORDINATOR

1. Invited as a Session Chair In **Dubai (UAE) at MTMI International Conference** from 15 Dec. 2017 to 18 Dec. 2017.
2. Invited as 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-ordinator** 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. Invited as a **Session Chair** in USTM-AIMT International Conference held during 5-6 August, 2022 at University of Science and Technology Meghalaya, India.
9. Invited as an **Expert Talk** in the National Seminar on “Emerging Trends of Technology in Context of Challenges to Education and Research”, held on 16-17 December 2022 at Mahant Laxminarayan Das College, Gandhi Chouk Raipur (CG). “Topic: Machine Learning and Deep Learning Technique”.
10. Invited as a Session Chair in the International Conference , held on 29-30 April 2023 at Sarguja University, Ambikapur(CG).
11. Invited as an Expert Talk in the International Conference on “Application of Machine Learning Technique in Healthcare”, held on 29-30 April 2023 at Sarguja University, Ambikapur(CG).
12. Invited as an Resource Person in Govt. V, Y. T. PG Autonomus College Durg (CG), Sopnsored by PM Usha Scheme on 27-01-2025. Topic “ Emerging Tools and Technologies in Computer Science”.

EDITOR/CO-EDITOR/EDITORIAL BOARD

1. 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).
2. 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).
3. 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).
4. Member of **Editorial Board** 2021 AIMT Conference (Virtual) on Interdisciplinary Research in Applied Mathematics, Management and Technology (IRAMMT), June 20-21, 2021.

MEMBERSHIP

1. Member of International Associations of Engineers. Member Id: 190226
2. Member of American Institute of Management and Technology(AIMT), USA, Membership ID: AIMT/RM/2021/113

ACHIEVEMENTS

- Achieved 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(CG)**.
- Member of **Steering Committee** in MTMI International Conference held on 22-23 Dec. 2018 in **Bangkok, Thailand**.

- 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.
- 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.
- **Best Paper Award** in the International Conference , held on 29-30 April 2023 at Sarguja University, Ambikapur(CG).

RESEARCH SUPERVISION

- M. Phil Awarded : 07
- Ph.D. Awarded : 04
- Ph.D. (Pursing) : 03

ADMINISTRATIVE RESPONSIBILITIES

- Hostel Warden
- Member of various committees

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

Dr. Akhilesh Kumar Shrivastava
Department of CSIT, GGV