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Education

- **Ph.D** (Computer Science & Engineering) (2014) Banasthali University, Jaipur(Raj.).
- **M.Tech.** (Information Technology) (76.34%) (Hons.) (2007) School Of Information Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal(MP).
- **B.E.** (Information Technology) (67.89%) (2004) Rungta College of Engg. and Tech. Bhilai., Pt. Ravishankar Shukla University, Raipur(CG).

Experience (15Year 2 Month)

- Assistant Professor (Information Technology), Madhav Institute of Technology & Science Gwalior (MP) (MP government aided engineering college), 16/2/2010 to Present.
- Lecturer, Amity School Engineering & Technology New Delhi, 10/01/2008-15/02/2010.
- Lecturer, Mandsaur Institute of Technology Mandsaur (MP), 15/07/2004-16/08/2005.

Research Guidance:

Course	Role	Number of Candiadates & Status	University
PhD	Supervisor	2 Registered	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal(MP)
PhD	Co-Supervisor	2 Registered & 4 Completed	Amity Univesity Gwalior
M.Tech.	Supervisor	23 Completed & 2 Registered	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal(MP)

Book Published:

- Sharma S., Rahaman V., Sinha G.R. (eds) Big Data Analytics in Cognitive Social Media and Literary Texts. Springer, Singapore. https://link.springer.com/book/10.1007/978-981-16-4729-1#about, 978-981-16-4728-4.

Published Research Paper (International Journal)

1. Prakash Chandra Sharma, Rohit Raja, Santosh Kumar Vishwakarma,**Sanjiv Sharma,** Pankaj Kumar Mishra & Vivek Singh Kushwah , Analysis of brain signal processing and real-time EEG signal enhancement. Springer *Multimedia Tools Application,* ISSN: 1573-7721, Volume 81,16 May 2022(SCI Journal), Impact Factor: 2.757.

2. Devendra Kumar Mishra ,Kushal Johari ,Shivangi Ghildiyal, Arvind Kumar Upadhyay and **Sanjiv Sharma**, "A Novel Approach in Business Intelligence for Big Data Analytics Using an Unsupervised Technique", IOP ECS Transaction, ISSN: 1938-5862, Vol 107 (1), Aprl 2022.

3. Devendra Kumar Mishra, Jitendra Kumar, Jitendra Kumar Chaudhary, Dr. Arvind Kumar Upadhyay and **Sanjiv Sharma,** "Role of Text Mining to Enhance the Quality of Product Using an Unsupervised Machine Learning Approach", IOP ECS Transaction, ISSN: 1938-5862, Vol 107 (1), Aprl 2022.

4. Jyoti Kumari and **Sanjiv Sharma**, "A Movie Recommendation System Based on A Convolutional Neural Network", International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 9 Issue XII Dec 2021.

5. Pallavi Singhal and **Sanjiv Sharma**," Prediction and analysis of human activity using machine learning", GIS SCIENCE JOURNAL **,** Volume 8, Issue 1, 2021, ISSN : 1869-9391,pp 1142-1151.

6. Pallavi Singhal and **Sanjiv Sharma**, "A Comparative Analysis of Different Approaches for Recognizing Human Activity" International Journal for Research in Applied Science & Engineering Technology (IJRASET**)** ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VII July 2020.

7. Nymphea Saraf Sandhu, A. K. Upadhyay, **Sanjiv Sharma**, "Sentiment Trend Analysis of Big Data", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019(Scopus Index).

8. Yogita Solanki, **Sanjiv Sharma** "Analysis and Prediction of Heart Health using Deep Learning Approach " , International Journal of Computer Sciences and Engineering" ISSN : 2347-2693 ,Volume-7 , Issue-8 , Page no. 309-315, Aug-2019,IF: 3.022.

9. Sadhna Sharma, **Sanjiv Sharma** "Identification of Accurate Classification Technique for Crime Investigation Using Ensemble Approach", International Journal of Computer

Sciences and Engineering, ISSN : 2347-2693 ,Volume-7 , Issue-8 , Page no. 137-143, Aug-2019,IF: 3.022.

10. Yogita Solanki, **Sanjiv Sharma** "A Survey on Risk Assessments of Heart Attack Using Data Mining Approaches" I.J. Information Engineering and Electronic Business, 2019, ISSN: 2278-3075,11,4, 43-51 Published Online July 2019.

11. Sadhna Sharma, **Sanjiv Sharma** ,"A Comparative Study of Crime Investigation Using Data Mining Approaches", International Journal for Research in Applied Science & Engineering Technology ISSN: 2319-8753,Vol.7,pp. 2073-2079,2019,7.08.

12. Krishan Kant Yadav, Venkatadri Marriboyina, **Sanjiv Sharma** "A Firefly Approach to Collaborative Filtering based Recommender Systems through Fuzzy Features", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ,ISSN: 2278-3075, Volume-8 Issue-7, May, 2019 (Scopus Index)

13. Rajeev Goyal, **Sanjiv Sharma,** Arvind K. Upadhyay, "Pair-Wise Trust Prediction Employing Matrix Factorization for Online Social Network", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, 2686-2690, June 2019 (Scopus Index).

14. Rajeev Goyal, Arvind K. Upadhyay, **Sanjiv Sharma**, Pankaj Kumar Mishra " Trust Factor Organization for Trust Prediction in Online Social Network", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-7, May, 2019(Scopus Index)

15. Pragati Sharma and **Sanjiv Sharma** "Mining Educational Data using Filter based Feature Selection Method" International Journal for Research in Applied Science & Engineering Technology Volume 6 Issue IX, 304-312,Sep 2018. ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887.

16. Abhishek Bajpai and **Sanjiv Sharma** "An Expert System for Type-2 Diabetes Mellitus Risk Stratification: Data Mining Techniques" International Journal for Research in Applied Science & Engineering Technology Volume 6 Issue IX, 448-460,Sep 2018. ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887

17. Deepika Tyagi and **Sanjiv Sharma** "An Expert System for Credit Risk Stratification using Data Mining" International Journal for Research in Applied Science & Engineering Technology Volume 6 Issue IX,293-303,Sep 2018. ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887

18. Elisa Cuadrado-Godia, Pratistha Dwivedi, **Sanjiv Sharma**, Angel Ois Santiago,a Jaume Roquer Gonzalez, Mercedes Balcells, John Laird, Monika Turk, Harman S. Suri, Andrew Nicolaides,Luca Saba, N. N. Khanna, Jasjit S. Suri," A Focus on Pathophysiology, Biomarkers, and Machine Learning Strategies in Cerebral Small Vessel Disease", Journal

of Stroke, pISSN: 2287-6391 , eISSN: 2287-6405, 1482-1492, 20(3): 302,2018.(SCI Index)

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21. Deepika Tyagi and **Sanjiv Sharma** "An Approach To Crime Data Analysis: A Systematic Review" International Journal of Engineering Technologies and Management Research, 5(2:SE), 67-74 ISSN: 2454-1907, 2018.

22. Hemant Kumar Soni, **Sanjiv Sharma**, Arvind Kumar Upadhyay, "An Empirical Algorithm for High and Low Correlative Association Rule Mining" International Journal of Intelligent Engineering and Systems, Vol.11, No.3, ISSN: 2185-3118 , 2018 (Scopus Index)

23. Neelam Mishra , Hemant Kumar Soni, **Sanjiv Sharma** , A.K. Upadhyay, "Development and Analysis of Artificial Neural Network Models for Rainfall Prediction by Using Time-Series Data" I.J. Intelligent Systems and Applications, 2018, 10,1,ISSN: 2074-9058, 16-23(Scopus Index).

24. Neelam Mishra , Hemant Kumar Soni, **Sanjiv Sharma** , A.K. Upadhyay, "A Comprehensive Survey of Data Mining Techniques on Time Series Data for Rainfall Prediction" Journal of ICT Research and Applications, ISSN: 2337-5779, Vol. 11, No. 2, 2017, pages 167-183(Scopus Index).

25. Abhishek Satyarthi, **Sanjiv Sharma** "A Review of Homomorphic Encryption Algorithm for Achieving Security in Cloud: Review Article" International Journal of Computer Sciences and Engineering, ISSN 2347-2693, Volume-5, Issue-6 (June 2017), Page(s) 19-23.

26. Anupama Tyagi, **Sanjiv Sharma** "Analysis of Classification Approach for Data of Social Network" International Journal of Computer Sciences and Engineering, ISSN 2347-2693, Volume-5, Issue-6 (June 2017), Page(s) 35-41.

27. Meenu Shukla ,**Sanjiv Sharma**, "Analysis of Efficient Classification Algorithm For Detection Of Phishing Site", International Journal of Scientific Research in Computer Sciences and Engineering, Volume-5, Issue-3, pp. 136-141, E-ISSN: 2320- 639, June 2017.

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31. Meenu Shukla, **Sanjiv Sharma, "**A Comparative Study of Existing Data Mining Techniques for Phishing Detection", International Journal of Computer Sciences and Engineering, ISSN: 2347-2693, Vol 5, Issue 5, and 30 May 2017 pp 182-187.

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34. Anupama Tyagi, **Sanjiv Sharma** "A Literature Survey on Algorithms for Detecting Communities in Online Network" International Journal of Emerging Trends in Engineering and Development, ISSN 2249-6149, Issue 7, Vol. 3 (May 2017), Page(s) 40-45.

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37. Hemant Kumar Soni, **Sanjiv Sharma**, Pankaj K. Mishra. "Association Rule Mining: A Data Profiling And Prospective Approach" International Journal Of Current Engineering

And Scientific Research (IJCESR), ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, Volume-3, Issue-1, 2016, Page(s) 57-59.

38. Manish Arya, **Sanjiv Sharma, "**Review Paper on Intrusion Detection using Data Mining Methods" International Journal for Scientific Research & Development, ISSN (online): 2321-0613, Vol. 4, Issue 07, 2016.**, Page(s):** 169-174.

39. Manish Arya, **Sanjiv Sharma, "**Soft Set Based Intrusion Detection System Architecture using Genetic Algorithm", International Journal for Science and Advance Research In Technology, ISSN [Online] : 2395-1052, Volume 3, Issue 7,July 2017 (Impact Factor: 4.284) pp 269-273.

40. Ajmer Singh Dhakad, **Sanjiv Sharma** "Energy Balance Data Aggregation in Wireless Sensor Network by Design Structure Free Network Using Time Diffrence of Arrival Localization" International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 6, Issue 6, June 2016(Impact Factor: 2.5).

41. Pratishtha Parashar, **Sanjiv Sharma**, "Opinion mining of tourism review using hybrid technique of support vector machine and animal migration optimization" ,International Journal of Innovations in Engineering and Technology (IJIET), ISSN: 2319 – 1058, Volume 7, Issue 1, 718-731, June 2016.

42. Pooja Mishra, **Sanjiv Sharma**, "A Comparative Study of Existing Cluster-Based Routing protocols in Wireless Sensor Networks", SERSC International Journal of Future Generation Communication and Networking, ISSN: 2233-7857 Vol. 9, No. 7, pp. 43-52,2016.

43. Akrati Sharma, **Sanjiv Sharma, "**Analysis Of Different Methods For Measuring The Performance Of Database On Cloud Environment", Cloud Publications, International Journal of Advanced Computer Science and Information Technology, July 2016, Volume 5, Issue 1, ISSN 2320 – 0235,2016.

44. Kuldeep Singh Rathore, **Sanjiv Sharma**," Web Personalization Based on Enhanced Web Access Pattern using Sequential Pattern Mining", International Journal Of Engineering And Computer Science,(IJECS), ISSN: 2319-7242, Volume 5, Issues 07, July 2016.

45. Pratishtha Parashar, **Sanjiv Sharma**, "A Literature Review on Existing Tools and Methods for Researches in the Field of Opinion Mining" International Journal for Science and Advance Research in Technology (IJSART) , ISSN [ONLINE]: 2395- 1052, Volume 2 Issue 7 –July 2016.

46. Kuldeep Singh Rathore, **Sanjiv Sharma**, "A Review of Web Personalization and Recommendation for Making Decision using Sequential Pattern", International Journal

for Scientific Research & Development, (IJSRD), ISSN: 2321-0613, Volume 4, Issue 05, July 2016.

47. Akrati Sharma, **Sanjiv Sharma**, "A Comprehensive Study Of Cloudanalyst Tool And Its Various Algorithms", International Journal OF Engineering Sciences & Management Research ,ISSN 2349-6193, June 2016 (Impact Factor: 2.556).

48. Kuldeep Singh Rathore, **Sanjiv Sharma**, "A Review on Web Usage Mining For Web Personalization Using Clustering Techniques", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), ISSN: 2277 128X, Volume 6, Issue 05, May 2016.

49. Pooja Mishra, **Sanjiv Sharma**, "Analysis of Clustering Algorithm for Lifetime Improvement in Wireless Sensor Networks", International Journal of Engineering Trends and Technology (IJATT), ISSN (Online) ISSN: 2231-5381,Vol. 35 Issue 12, May 2016.

50. Pratishtha Parashar, **Sanjiv Sharma** "A Literature Review on Architecture, Classification Technique and Challenges of Sentiment Analysis**"** International Journal of Engineering Research & Technology, 2278-0181, Volume. 5 - Issue. 05 , May - 2016

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52. Ajmer Singh Dhakad, **Sanjiv Sharma** "An Exploration on Existing Methods for Data Aggregation in Wireless Sensor Network" International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Online) 2278-1021, Vol. 5, Issue 4, April 2016.

53. Akrati Sharma, **Sanjiv Sharma** "Storage of Database on Cloud with Security Issues" International Journal of Current Engineering and Scientific Research (IJCER), ISSN (Online): 2394-0697, Volume-2, Issue-9, 2015.

54. Rishi Parsediya, **Sanjiv Sharma** "Enhancement of Grid-based Virtual Infrastructure for Efficient Data Dissemination in WSN" International Journal of Research & Development Organisation, ISSN-3785 – 0855,Vol 2 Issue 8 August 2015.

55. Apurva Tiwari, **Sanjiv Sharma "**An Evaluation of Classification Methods in Network Packet Protocol status Model for KDD Cup 99 Dataset" International Journal of Modern Trends in Engineering and Research, ISSN [Online]: 2395-1052, Volume:2 Issue:7 Jul ' 2015.

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57. Rishi Parsediya, **Sanjiv Sharma** "A Comparative Study on Data Dissemination Techniques in WSN" International Journal for Science and Research in Technology (IJSART) volume 1 Issue 1, ISSN [Online]: 2395-1052 pp 34-37, Jan 2015.

58. Pallavi Gupta, **Sanjiv Sharma** "A Survey on Link Prediction Problem in Social Network" International Journal for Science And Research In Technology (IJSART) volume 1 Issue 1, ISSN [Online] : 2395-1052,pp 43-49,JANUARY 2015.

59. Vartika Shah, **Sanjiv Sharma** "Evaluation of Encryption Method of SNEP for Implementing Security in Wireless Sensor Network using SPINS Framework" International Journal of Grid and Distributed Computing SERSC(Science & Engineering Research Support society) Volume 7,No.5, ISSN: 2005-4270(online) Korea, pp 43-52,2014.

60. Ankita Chaturvedi, **Sanjiv Sharma** "A New Technique for Preventing Black Hole Attack in Mobile Ad-hoc Networks" International Journal of Advances in Computer Science and Technology Volume 3, No.10, ISSN 2320 – 2602, pp 446-451, October 2014.

61. Rishi Parsediya, **Sanjiv Sharma** "A Study on Data Dissemination in Wireless Sensor Network" International Journal of Advance Research In Science And Engineering, Vol-3 issue-1, ISSN: 2319-8354(E),pp 480-493, September 2014.

62. Vartika Shah, **Sanjiv Sharma** "A Review of Existing Security frameworks and Encryption Methods for Wireless Sensor Networks" International Journal of Innovations and Advancement in Computer Science, Vol-3 issue-2 , ISSN: 2347 – 8616, pp-90-98, April-2014.

63. Aditya Dubey, **Sanjiv Sharma** "Comparison of Graph Clustering Algorithms" International Journal of computer trends and technology vol-4 issue-9, ISSN: 2231-2803 3230-3235, sep-2013

64. **Sanjiv Sharma**, G.N. Purohit "A Novel Framework for Tracking Online Community interaction in Social Network" International Journal of Information Acquisition (World Scientific) ,Vol. 9, No. 2, Aug 2013, Print ISSN: 0219-8789,Online ISSN: 1793-6985 Hefei, Anhui, CHINA.

65. Ankita Chaturvedi, **Sanjiv Sharma** "Exploring Intrusion Detection Schemes and their Comparison in MANETs" International Journal of Computer Applications, ISSN 0975 – 8887, 71(10):55-59, June 2013. Published by Foundation of Computer Science, New York, USA.

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Presented/ Published Research Paper (National / International Conferences)

1. Shailendra Satyarthi, Sanjiv Sharma. "Comparative Analysis of Deep Learning Approaches for Aspect Based Sentiment Classification", Springer International Conference on Data Engineering & Application jointly organized by SOIT RGPV and OIST Bhopal on 23 & 24 December 2022.
2. D. K.Mishra, A. K. Upadhyay, S. Sharma , "Role of big data analytics in manufacturing of intelligent robot" Materials Today: Proceedings, 2021, International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020) held on 15th and 16th October 2020 at Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior. ,https://doi.org/10.1016/j.matpr.2021.05.101.
3. D. K.Mishra, A. K. Upadhyay , S. Sharma , "An efficient approach for manufacturing process using Big data analytics " Materials Today: Proceedings , 2021, , International

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4. D. K.Mishra , A. K. Upadhyay , S. Sharma , "Text mining in manufacturing process using unsupervised techniques of Machine learning"Materials Today: Proceedings , International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020) held on 15th and 16th October 2020 at Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior, https://doi.org/10.1016/j.matpr.2021.05.112,2021.

5. Rajeev Goyal , Arvind K Upadhyay , **Sanjiv Sharma ,** Pankaj K Mishra, "Analysis of Predicting Trust in Complex Online Social Networks", National Conference on "Smart Materials: Energy and Environment for Smart Cities, ScienceDirect, Elsevier, Materials Today: Proceedings 29 (2020) 573–580, ISSN: 2214-7853.

6. Rajeev Goyal , Arvind K Upadhyay , **Sanjiv Sharma ,** "Collaborative Filtering Techniques for Trust Prediction in Online Social Network" International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology, ICSISCET 2019: Intelligent Computing Applications for Sustainable Real-World Systems pp 503-512 Online ISBN978-3-030-44758-8, **Publisher Name** Springer, Cham,April-2020.

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8. Rajeev Goyal, Arvind K Upadhyay, **Sanjiv Sharma,** "Trust Prediction Using Ant Colony Optimization and Particle Swarm Optimization in Social Network", Proceeding Title: Emerging Trends in Expert Applications and Security, Proceeding Series Title: Advances in Intelligent Systems and computing, Editor: Vijay Singh Ratore, Marcel Worring, DK Mishra,A Joshi,S Maheswari, published in Springer, Jaipur Engineering College and Research Center, International Conference on Emerging Trends in Expert Applications & Security (ICETEAS), 2018,485-491, ISBN : 978-981-13-2285-3,Vol: 841 (Scopus Index).

9. Krishan Kant Yadav, Manisha Singh, **Sanjiv Sharma**, "Optimization Approach for Web Customers on Recommendation System Using Collaborative Filtering" National Conference On Smart Materials: Energy and Environment for Smart Cities Organized by Amity University Madhya Pradesh Gwalior, 28 February 2018.

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15. H. K. Soni, **S. Sharma** and M. Jain, "Plausible Characteristics of Association Rule Mining Algorithms for E-Commerce", 3rd International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB17), IEEE Explore, Chennai, 27-28 Fab,2017(Scopus Index)

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19. Aditya Dubey, **Sanjiv Sharma** *"Survey of Graph Clustering Algorithms"* International Conference on Intelligent Systems and Signal PG Track Processing (ISSP2013),61-65,1-2 March 2013, 978-81-909376-7-2 ©2013IEEE , G H PATEL COLLEGE OF ENGINEERING & TECHNOLOGY Vallabh Vidyanagar Gujarat.

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Book Chapter

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2. Devendra Kumar Mishra, **Sanjiv Sharma**, Existing mechanisms for data deduplication, Editor(s): Tin Thein Thwel, G.R. Sinha, Data Deduplication Approaches, Academic Press, 2021, Pages 57-68, ISBN 9780128233955,ScienceDirect.
3. Valiur Rahaman and **Sanjiv Sharma** "Basic modeling of 'cognitive sensors' based on literary study of 'thick description' of human behavior" ,Book Title: Advances in Modern Sensors, Physics, design, simulation and applications Published November 2020 • Copyright © **IOP Publishing** Ltd 2020 Pages 16-1 to 16-15 Online ISBN: 978-0-7503-2707-7 , Nov 2020.
4. **Sanjiv Sharma** and Pratistha Dwivedi "A Comparative Study of Existing Mechanisms for Implementation of OBE in Various Countries Book Tile: Assessment Tools for Mapping Learning Outcomes With Learning Objectives , Copyright: © 2021, **IGI Global**, Pages: 198-210,EISBN13: 9781799847854, Sept 2020.
5. Valiur Rahaman, and **Sanjiv Sharma**, Book Chapter:" Reading an extremist mind through literary language: approaching cognitive literary hermeneutics to R.N. Tagore's play The Post Office for neuro-computational predictions", Book Title: Cognitive Informatics, Computer Modelling, and Cognitive Science Volume 2: Application to Neural Engineering, Robotics, and STEM, published in **Elsvier**,2020 Edited book by GR Sinha & Jasjit S Suri. Pages 197-210, ISBN: 978-0-12-819445-4.
6. **Sanjiv Sharma** and G.N. purohit, Book Chapter : "Methods of Tracking Online Community in Social Network", Book Title: Social Networking - Mining, Visualization, and Security, Series Title: Intelligent Systems Reference Library, Edited book volume by Panda, Dehuri and Wang, published in **Springer**,2014,129-146, ISBN : 978-3-319-05164-2.

Conferences/Workshops/Seminar attended & organized

1. Organized a "Stockup Businar" workshop on 12/12/2021 under startup cell.

2. Attended a 8-days faculty training program on "Train the trainer Program on Java Programming" organized by Infosys Pune, held on Sept 06-13, 2021 .

3. Organized a "Legal Adapt" workshop on 11/7/2021 under startup cell.

4. Attended a 10-days faculty e-training program on "Data Science & Analytics" organized by Indian Institute of Technology Indore, held on December 07-18, 2020 Sponsored by Technical Education Quality Improvement Programme, NPIU .

5. Organized a Brainstorming Session-I for implementing NISP Policy on 24/10/2020 under startup cell.

6. Organized a Brainstorming Session -II for implementing NISP Policy on 05/12/2020 under startup cell.

7. Attended Five-day Virtual International Faculty Development Program On "Research Orientations in Engineering with Effective Outcomes" organized by Department of Electrical and Electronics Engineering, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India in the association of Ministry of Education Maldives, King Khalid University Saudi Arabia, Wolaita Sodo University Ethiopia, and Sunway University, Malaysia scheduled to be held from 26/07/2020 to 30/07/2020.

8. Attended five days online "FDP on Research Perspective in Futuristic Computing Technologies" held from 6th to 10th July - 2020 organized by Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University, Bengaluru.

9. Attended twelve days Faculty Development Programme on "Online Teaching- Learning And Research Methodology" from July 18 - July 29, 2020oranized by Govt. P. G. College, Bilaspur Rampur - Uttar Pradesh.

10. Attended Online One Week International Faculty Development Program on " Post Pandemic Scenario Building using AI, ML and Optimization Techniques" held from 10th - 14th July, 2020 organised by KDK College of Engineering, Nagpur.

11. Attended One Week DTE Approved Online Faculty Development Program on "Accreditation to Engineering & Professional Ethics (AEPE - 2020)" from 08th - 12th July 2020 Jointly Organized by Applied Mechanics Department & Electrical Engineering Department, Government College of Engineering, Nagpur.

12. Attended One Week Online Faculty Enablement Program on "Infosys Campus Connect Program- Python using INFYTQ Platform " Conducted by Infosys at from 22nd - 29th June 2020

13. Attended One Week Online National Level Faculty Development Programme entitled "Python 3.4.3" organized by Department of Computer Engineering, Government Polytechnic, Awsari (kh) in association with Spoken Tutorial, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India from 19th May 2020 to 23rd May 2020.

14. Attended One Week Online Faculty Development Program (FDP) On "Machine and Deep Learning applications in Engineering & Science (MLDLAES 2020)" organized by Government engineering college Karad,16-20 May 2020.

15. Attended One Week Online Faculty Development Program (FDP) On "Maximal Utilization of ICT Tools for Online Teaching-Learning Process" (Theme: Facing COVID-19 Challenge as Teachers), Organized by Department of Applied Science and

Humanities, Rajkiya Engineering College, Ambedkar Nagar in Association with J. C. Bose University of Science & Technology, YMCA, Faridabad, Haryana 09-13 May, 2020.

16. Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" at Indian Institute of Information Technology(IIIT Nagpur) from 18-04-2020 to 22-04-2020.

17. Attended Two-Day In-House Workshop on "Bloom's Taxonomy for Assessment Design" at MITS Gwalior,13-14 August, 2019.

18. Attended summer training program on "Active Learning For Senior Faculty" at IIT Indore, 18-22 June 2018.

19. Attended workshop on "Artificial Intelligence & Deep Learning" at Bannett University Greater Noida, 5-7 June 2018 conducted by leadingindia.ai.

20. Attended workshop on "Effective techniques for question paper setting "organized at MITS Gwalior, 7-8 February 2018.

21. Attended and member of "Industry Conclave", organized at MITS Gwalior, 12-13 Nov-2017.

22. Attended workshop on "Effective techniques for question paper setting "organized at MITS Gwalior, 7-8 February 2018.

23. Attended Faculty Development Program on "Quality in Technical Education: A challenge" Conducted by MITS Gwalior, 18 – 19 November 2016.

24. Attended Faculty Development Program on "Promoting Quality in Higher Technical Education" Conducted by IIITM Gwalior, 18 - 22 January 2016.

25. Attended Faculty Development Program on "Agile Methodology" Conducted by Infosys at Maharashtra Institute of Technology Aurangabad, 21st to 25th Dec 2015.

26. Attended "ISTE Workshop on Introduction to Design of Algorithm" under the National Mission on Education through ICT MHRD, Conducted by IIT Kharagpur, 27 April- 30 May 2015.

27. Attended and member of organizing committee "National workshop" on "Innovation in Teaching & Research Methods" conducted and organized at MITS Gwalior.25-26 March 2015.

28. Attended "National Faculty Development Program", course on "Educational Resource Planning System" conducted and organized at IIITM Gwalior, 7-8 Feb 2015.

29. Attended "ISTE Workshop on Cyber Security" under the National Mission on Education through ICT MHRD, Conducted by IIT Mumbai, 10-20 July 2014.

30. Attended "ISTE Workshop on Computer Networking" under the National Mission on Education through ICT MHRD, Conducted by IIT Mumbai, 30 June-5 July 2014.

31. Organized "ISTE Workshop on Computer Programming" under the National Mission on Education through ICT MHRD, Conducted by IIT Mumbai, 16-21 July 2014.

32. Attended "National Faculty Development Program", course on "pedagogical approaches for technical education" conducted and organized at IIITM Gwalior, 3-8 May 2014.

33. Attended "ISTE Coordinators Workshop on Computer Programming" under the National Mission on Education through ICT MHRD, Conducted by IIT Mumbai, 21st to 26th April 2014.

34. Attended "AICTE recognized Workshop on Mobile adhoc network" conducted by NITTTR Chandigarh, 3- 7 March 2014.
35. Attended workshop on "Research Methodology", organized at MITS Gwalior, During 11-16 Nov-2013.
36. Organized workshop and certified for "IBM Certified Academic Associate RTC" by IBM Rational S/W, organized at MITS Gwalior, Sept 4-7, 2013.
37. Attended "National Faculty Development Program", course on "Foundation Skill in Information Technology" conducted by Madhya Pradesh Government, organized at Administrative Academy Bhopal (MP), Fab 26-March 2, 2013.
38. Organized workshop and certified for "IBM Certified Academic Associate Lotus" by IBM Rational S/W, organized at MITS Gwalior, July 29– Aug 01, 2012.
39. Attended "National Faculty Development Program", course on "Knowledge management and cloud computing" conducted by Tata Consultancy Services, organized at IIITM Gwalior, July 3, 2012.
40. Organized workshop and certified for "IBM Certified Academic Associate WID" by IBM Rational S/W, organized at MITS Gwalior, Jan 14 – 17, 2012.
41. Attended "National Faculty Development Program", course on "Entrepreneurship development" organized at Tansen Hotel Gwalior, Dec 30,2011-Jan 4,2012.
42. Organized workshop and certified for "IBM Certified Academic Associate RFT" by IBM Rational S/W, organized at MITS Gwalior, Oct 15-18, 2011.
43. Organized workshop and certified for "IBM Certified Academic Associate TDS" by IBM S/W, organized at MITS Gwalior, July 26-29, 2011.
44. Organized workshop and certified for "IBM Certified Academic Associate DB2" by IBM S/W, organized at MITS Gwalior, July 17-19, 2011.
45. Organized workshop and certified for "IBM Certified Associate Developer RAD" by IBM Rational S/W, organized at MITS Gwalior, October 23-26, 2011.
46. Attended "National Faculty Development Program", course on "Case Study of B-School" organized at IIITM Gwalior, During Dec 26-27,2010.
47. Attended "National Faculty Development Program", course on "Science and Practice of Teaching" organized at OIST Bhopal, During February 14-15,2007.
48. Attended workshop and certified for "CA-Spectrum" by CA S/W Pvt. Ltd. organized at New Delhi.
49. Attended National Conference, Bhartiya Vigyan Samellan 23-25 Nov 2007,Ravindra Bhavan Bhopal(M.P.).
50. Attended "National Faculty Development Program", course on "Science and Practice of Teaching" organized at OIST Bhopal, During February 14-15,2007.
51. Attended National Conference, GAMS (Gwalior Academy Mathematical Sciences) April 6-8, 2007, Maulana Azad National Institute of Technology Bhopal(M.P.).
52. Attended a one day workshop on ".Net vs JAVA", at Oriental Institute of Science & Technology Bhopal (MP), 16-19 Oct 2006.

53. Attended International Conference (GLOGIFT-05 Fifth Global conference of flexible system management) on "Management of IT for Flexibility and competitiveness" organized by, RGPV Bhopal (MP), 27-30 Dec. 2005.

Memberships and Associations

- Member of Institution of Electronics and Telecommunication Engineers (IETE).
- Member of Institution of Engineering and Technology (IET).
- Member of editorial board in "*International Journal of Emerging Technology and Advanced Engineering (*ISSN 2250–2459).
- Member of editorial board in "*International Journal of Knowledge Engineering & Technology* (ISSN No. 0976-5487).
- Member of "*International Association of Computer Science and Information Technology*" (IACSIT).

Invited talk / guest lectures

1. Delivered invited talk and guest or expert lecture on "Advanced Security Tools" at 8 Feb 2022 organized by Computer Science & Engineering , IFTM University Muradabad.
2. Delivered invited talk and guest or expert lecture on "Data Analytics" at 01 Aug 2021 organized by Jiwaji University Gwalior.
3. Delivered invited talk and guest or expert lecture on the topic "Design, Developed and Deliver MOOCs and E- Content", Jan, 18, 2020, Government Engineering College Bharatpur.
4. Delivered invited talk and guest or expert lecture on the topic "Foundation of Computer System", Sept, 21, 2019,Government Engineering College Bharatpur.
5. Delivered invited talk and guest or expert lecture on the topic "Humanities Inspired Computing", Sept, 14, 2019, Jiwaji University Gwalior.
6. Delivered invited talk and guest lecture on the topic "Data Mining concept and application " Dec,02,2018, Jiwaji University Gwalior.
7. Delivered invited talk and guest lecture on the topic "Data Mining concept and application ", Sept 26, 2015, Mandsaur Institute Of Technology, Mandsaur, India.
8. Delivered invited talk and guest lecture on the topic "Mobile computing", Oct 24, 2010,Shri Ram Institute Of Technology, Jabalpur, India.
9. Delivered invited talk and guest lecture on the topic "Social Network", March 21, 2010,Shri Ram Institute Of Technology, Jabalpur, India.

PG (M.Tech. (CSE & IT)) Courses Taught

- Network Security, Adhoc & Sensor Network, Distributed System, Information and web Security, Cloud Computing and Security, Advance Computer Network, Operating System Security.

UG (B.E. (CSE & IT)) Courses Taught

- Network & Web Security, Object Oriented Programming, Internet & Web Technology, Operating System, Data Mining & Data Warehousing, Artificial Intelligence, Data Communication, Data Base Management System(DBMS), Computer Network, Mobile Computing, Computer System Organization, TCP/IP, Advance Operating System, Basic Computer Engineering, Computer Programming Using C.

Patent

S. No.	Patent Title	Applicant	Year of Application	Application No.	Status
1	DYNAMIC DIGITAL TWIN SYSTEM AND A METHOD OF OPERATING THEREOF	H., Deepak. ; Choudhary, Arjun ; Sharma, Abhishek ; Kumar Sinha, Arun ; Bansal, Sulabh ; Chandra Sharma, Prakash ; Bajaj, Varun ; Sharma, Sanjiv ; Raja, Rohit	2020	Australian application number/ Patent Number: 2020103853	Granted
2	A SYSTEM FOR TRUST PREDICTION IN ONLINE SOCIAL NETWORK	Sanjiv Sharma, Arvind kumar Upadhyay,Rajiv Goyal	2021	TEMP-E-1/8397 /2021-DEL	Filed
3	A SYSTEM FOR MULTILINGO ABOMINATION DETECTION USING MACHINE LEARN ING	Devendra Mishra, Arvind kumar Upadhyay, Sanjiv Sharma	2022	202211002260	Filed
4	'A SYSTEM FOR DETECTION OF CONCEPTUAL LEVEL PLAGIARISM AND CORRECTNESS OF FILE FORMATTING USING MACHINE LEARNING'	Devendra Kumar Mishra, Arvind Kumar Upadhyay, Sanjiv Sharma	2022	202211005251	Filed

Consultancy Work

- Rate analysis of smart conjuction box construction of municipal corporation Gwalior

Technical Expertise

Programming language	C, C++, JAVA, Python, R Programming.
Internet skill	Java Servlets, JSP,ASP.
Web development Tools	HTML,Java Script.
GUI Tools	VB6.0, Applet, Java Swing.
Client Server Computing	Socket programming, RMI.
Database	ORACLE8i, MS-ACCESS, SQL Server.
Analytical Tools	Weka, UCINET, Pajek, NS2, NodeXL.
IBM Tools	DB2, RAD, RFT, TDS, WID, Lotus.

Administrative Responsibilities

1. Coordinator of Startup Cell.

2. Member of Industry and Institute Interaction Cell at MITS Gwalior.

3. Out Come Based Education (OBE) Coordinator at MITS Gwalior.

4. Coordinator of Remedial Classes at MITS Gwalior

5. NBA and NAAC Coordinator at MITS Gwalior.

6. Organize various workshops on Software development tools for students

7. Development of computer Lab for M.Tech. Research MITS Gwalior

8. Organized placement oriented training classes MITS Gwalior.

9. Development of different minor and major projects at PG and UG level.

10. Member of Board of study in CSE and IT department of MITS Gwalior.

11. During semester exam work as an Invigilator, examiner, paper setter, internal and external practical examiner.

12. Actively participated in training & placements activities.

13. Coordinator of various college level activities.

14. SPOC(Single Point of Contact) and Event coordinator of IBM COE and Infosys Camus Connect Program at MITS Gwalior.

15. Stock verification officer and Member of Anti-ragging committee

16. Registered PhD supervisor at RGPV Bhopal and Amity University Gwalior.

17. Evaluation In charge during May- June 2019 Examination.

Personal Detail

Date of Birth	02/09/1982
Marital Status	Married
Nationality	Indian
Languages Proficiency	English, Hindi
Alternate mail id	er.sanjiv@gmail.com

Declaration

I hereby declare that the above-furnished details are true to the best of my knowledge.

(Dr. Sanjiv Sharma)