

Dr Anupam Bhatia

Associate Professor

Department of Computer Science and Applications

Chaudhary Ranbir Singh University, Jind (Haryana) – 126102

Email : anupambhatia@crsu.ac.in



Experience:

1. Joined as Lecturer in Erstwhile Kurukshetra University Post Graduate Regional Centre, Jind on 25th August, 2007 later on absorbed in Chaudhary Ranbir Singh University since inception.
2. Promoted as Associate Professor, Department of Computer Science and Applications w.e.f. 25th August, 2021.

Qualifications:

1. PhD (Computer Science and Applications) from Kurukshetra University, Kurukshetra in 2013.
2. Master of Computer Applications from Kurukshetra University, Kurukshetra in 2004.

Research Domains:

1. Blockchain Technologies
2. Machine Learning
3. Edge Computing

PhD Awarded in Supervision:

Three

Currently Registered Scholars in PhD :

Four+(Two in Process)

MTech Dissertations Supervised :

Four

MPhil Awarded in Supervision :

Seven

Research Papers published as Author / Co-Author :

Twenty Five

**Papers presented in Conferences (National / International)
(as Author / Co-Author) :**

Seven

Chapter in Edited Book :

One

Chairperson/Member of Various Bodies of the University:

Academic Council

Board of Post Graduate Studies and Research

Board of Under Graduate Studies

Departmental Research Committee

Research Advisory Committee

Key Positions held / holding:

Chairperson, Department of Computer Science and Applications

Chairperson, Department of Library and Information Sciences (current)

Chairperson, Department of Mathematics (current)

Chairperson, Department of Chemistry (current)

Director, Training and Placement (current)

Program Coordinator, National Service Scheme

Program Officer, National Service Scheme

Nodal Officer, Unnat Bharat Abhiyan

Nodal Officer, All India Survey of Higher Education

Director, Public Relations

Deputy Proctor

Nodal Officer, GeM

Details of PhD Awarded in Supervision:

1. Gurdev Singh, EFFECTIVE MECHANISM FOR AUTOMATED KERNEL SELECTION FOR MULTICLASS CLASSIFICATION USING SUPPORT VECTOR MACHINE, <http://hdl.handle.net/10603/333231>
2. Ashok, PREDICTIVE MODEL FOR STOCK MARKET VOLATILITY THROUGH BIG DATA ANALYTICS, <http://hdl.handle.net/10603/351419>
3. Sneha, A NOVEL MODEL FOR INFLUENCE MAXIMIZATION : A BUSINESS INTELLIGENCE APPROACH, <http://hdl.handle.net/10603/474551>

Details of PhD Under Supervision

1. Naveen, MACHINE LEARNING APPROACH TO PREDICT HAPPINESS INDEX
2. Neeraj, BLOCKCHAIN FOR ELECTRONIC HEALTH RECORDS
3. Priyanka, FEDERATED LEARNING FOR IoT DEVICES
4. Suman, DOCUMENT VERIFICATION THROUGH BLOCKCHAIN
5. Ritu, Yet to be decided
6. Ruby, Yet to be decided

Details of MTech Dissertations Supervised:

1. Divya, A SURVEY ON SECURITY ISSUES AND CHALLENGES OF BLOCKCHAIN.
2. Jyoti, ENHANCEMENT OF SECURITY OF DATA TRANSMISSION IN POKER'S TEXAS THEOREM.
3. Laxman, PERFORMANCE ANALYSIS OF OSPF AND EIGRP WITH VIRTUAL ROUTER IN GNS3 WITH PHYSICALLY CONNECTED ENVIRONMENT
4. Rahul, AN ANALYTICAL MODEL FOR OPINION MINING

Details of MPhil Awarded in Supervision:

1. Budh Prakash, VIRTUAL MACHINE'S LOAD BALANCING AND POWER CONSUMPTION MANAGEMENT IN CLOUD COMPUTING.
2. Ashok, FACTORS AFFECTING TALENT ACQUISITION AMONG EMPLOYEES : A DATA MINING APPROACH.
3. Raunak Sulekh, PREDICTIVE MODEL TO CLASSIFY HEALTH DATA.
4. Kirty, DYNAMIC JOB SHOP SCHEDULING USING ANT COLONY OPTIMIZATION.
5. Vikash Khobra, BREAST CANCER DETECTION THROUGH SUPPORT VECTOR MACHINE CLASSIFICATION.
6. Sneha Kumari, PREDICTING STUDENT'S PERFORMANCE: AN EDM APPROACH.
7. Jayanti, A PREDICTIVE MODEL FOR CLASSIFICATION OF OPINION MINING.

Research Papers Details:

1. KPP: A Step Ahead of KDD; RIMT Journal of Strategic Management and Information Technology, 2008
2. Knowledge Penetration Process: A Splitted KDD, Global Journal of Science and Technology, 2011.
3. The Optimal Number OSPF using Link State Routing Protocol and Throughput Enhancement in Scalable MANETs, Research Cell: An International Journal of Engineering Sciences, 2011
4. Methods to Improve Throughput in Wireless Networks with High Delay Variability, Research Cell : An International Journal of Engineering Sciences, 2011
5. Knowledge Penetration Process: A Step by Step Approach, Oriental Journal of Computer Science and Technology, 2012
6. Modified Tree Classification in Data Mining, Global Journal of Science and Technology, Vol, 11, 2012
7. TCP Conflict Based Wireless Link, Research Cell: An International Journal of Engineering Sciences, 2012
8. Predictive Data Mining in KPP: International Journal of Innovative Technology and Creative Engineering, 2012
9. A Comparative Study of Hypervisors Performance, International Journal of Scientific and Engineering Research, 2016
10. Factors Affecting Talent Acquisition among Employees: A Data Mining Approach, International Journal of Computer Science and Communication, 2017
11. Predictive Student Performance: An EDM Approach, International Journal of IT and Knowledge Management, 2017
12. Breast Cancer Classification through Support Vector Machine, International Journal of Electronics Engineering, 2018
13. A Predictive Model for Classification in Opinion Mining, International Journal of Computer Science and Communication, 2018
14. Predictive Model for Parkinson's Disease through Naïve Bayes Classification: International Journal of Computer Science and Communication, 2018
15. A Review of Security Issues and Challenges of Blockchain, Research Review: An International Journal of Multidisciplinary Research, 2018

16. Analysing Performance of PSO and SVM in Poker, International Journal of Management, IT and Engineering, 2019
17. Investigating Scope of GNS3 in Virtual Network, International Journal of Electronics Engineering, 2019
18. Implementation of OSPF and EIGRP in Physical and Virtual Environment, International Journal of Electronics Engineering, 2019
19. Influence Maximization in Social Networks, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2019
20. Relationship between Eigenvalues and Entropy for SVM Classification, International Journal of Engineering, Applied and Management Sciences Paradigm, 2019
21. Necessity of Automatic Kernel Selection in Machine Learning through Support Vector Machine, International Journal of Information Technology and Knowledge Management, 2019
22. Predictive Model for Stock Market Volatility Through Big Data Analytics, Shodh Sanchar, 2020
23. Comparison of Performance of Support Vector Regressors in a Prediction Model for Stock Market Volatility, Shodh Sarita, 2020
24. Comparison of Location Based Restaurant Preferences of the residents of Metropolitan Cities of India, Design Engineering, 2021
25. Need of Machine Learning to Predict Happiness : A Systematic Review” , Edumania , Vol. 1, No. 2, pp. 306-335, July, 2023

Chapters in Edited Books

1. Review of Modern Symmetric and Assymmetric Cryptographic Techniques, Intelligent Data Analytics, IoT and Blockchain, CRC Press, Taylor and Francis Group, 2023

List of Papers Presented in Conferences:

1. A Comprehensive Study of Decision Tree Classification, Emerging Trend in Computer Industry, 2012
2. Preprocessing in Knowledge Penetration Process, Emerging Trends in IT, 2012
3. Text Mining : A Review, Manthan, 2016
4. Location Based Restaurant Preferences in Bangalore, International Conference on Data Analytics and Management : An Indo European Conference, 2021.
5. Best Paper Award : Analytical Review of Community Based Influence Maximization Model, International Conference on Applications of AI and Machine Learning, 2021
6. Mapping Evolution of Happiness Prediction of Human with Machine Learning : A Bibliometric Analysis (2013-2023)" , IEEE sponsored 3rd International Conference on Advancement in Electronics and Communication Engineering, 2023.
7. Unveiling the Landscape of Happiness Prediction with Machine Learning : A Systematic Literature Review" , 1st International Conference on Advanced Computing and Information Science, 2023.

Session Chair in Conferences:

1. National Conference on Computational Challenges and Data Science, Maharshi Dayanand University, Rohtak, 2023