



Curriculum Vitae

Vinay Rishiwal

Title	Dr.	First Name	Vinay	Last Name	Rishiwal	
Designation	Professor					
Department	Computer Science and Information Technology					
Address	Department of CS&IT, IET, MJP Rohilkhand University, Bareilly, UP, India.					
Phone No (Campus)	+915812520310 (O)					
(Residence) optional	NA					
Mobile	+919412149229					
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Email	vrishiwal@mjpru.ac.in , vianvrishiwal@gmail.com					
Highest Qualification						
Subject	Institution		Year	Details		
Ph.D. (Computer Science and Engineering)	Gautam Budha Technical University, Lucknow, India		2011	Thesis topic: Study and Analysis of Some QoS Routing Issues in Mobile Adhoc Networks		
Career Profile (Total Experience = 22 Years)						
Organization / Institution	Designation	Duration	Role			
Department of CS &IT, IET, MJP Rohilkhand University, Bareilly.	Professor	2019 - till date	Teaching and Research			
School of Computing, Taylors University, Malaysia	Adjunct Professor	2024-2026	Academic and Research			
School of Computing, Nusa Putra University, Indonesia	Adjunct/Visiting Professor	2024-2026	Academic and Research			
Department of CS &IT, IET, MJP Rohilkhand University, Bareilly.	Associate Professor	2016-2019	Teaching and Research			
Department of CS &IT, IET, MJP Rohilkhand University, Bareilly.	Asst. Prof. (AGP.8000)	2013-2016	Teaching and Research			
Department of CS &IT, IET, MJP Rohilkhand University, Bareilly.	Asst. Prof. (Sr. Scale)	2008-2013	Teaching and Research			
Department of CS &IT, IET, MJP Rohilkhand University, Bareilly.	Lecturer	2002-2008	Teaching and Research			
Rakshpal Bahadur Management Institute, Bareilly	Lecturer	2001-2002	Teaching			
Research Interests / Specialization						
WSN, Machine Learning, Blockchain, IoT, Applications of Technology in Societies Problems						
Teaching Experience (Subjects/Courses Taught)						
24 Years (Theory of Computation, Computer Networks, Artificial Intelligence, Data Communication, Blockchain etc.)						
Administrative Responsibilities						
<ul style="list-style-type: none"> Head of the Department, Computer Science and Information Technology, MJP Rohilkhand University, India Coordinator/Nodal Officer, Samarth ERP Co-Coordinator, IQAC Assistant Dean, Student Welfare, MJPRU, India Member, CM Research Promotion Committee, Government of Uttarakhand, India. 						

- PAC Member, Namibia University of Science and Technology, Namibia
- RAC Member, MITWPU Pune, India.
- AAB Member, Amity University, India
- BOS Member, Sagar University, MP, India
- PAC Member, IILM University, Gr. Noida, India
- Member, Executive Committee and Academic Council, MJP Rohilkhand University, Bareilly
- Head, Training & Placement
- Convener Board of Studies- CSIT, MJPRU
- Coordinator, IDP Cell, NIRF/QS Ranking
- Chief, Employment Bureau
- Member Secretary NAAC/IQAC, MJP Rohilkhand University, Bareilly
- Academic Nodal Officer TEQIP II and III, MHRD, India
- Nodal officer of MJP Rohilkhand University for ABC/ ABACUS, UP Government, India
- Nodal Officer of MJP Rohilkhand University for Abhyuday Scheme of UP Government, 2021
- Program Chair, Student Activities Committee/ Web and News Letter IEEE Uttar Pradesh Section
- Convener, Board of Studies, MJP Rohilkhand University, and member, BOS for many other universities
- Member of the Research Committee and Entrance Committee of MJP Rohilkhand University
- Member Shod Ganga Committee
- Faculty Advisor, ACM Chapter

Projects, Honors & Awards

- Received a research project titled: “Design of an Innovative AI and IoT-based Framework for Livestock/Stray Animal Surveillance and Health Monitoring in India” from Uttar Pradesh Council of Science and Technology, DST, Lucknow in 2024 (**Major Project**)
- Received a project titled “IoT Enabled Early Fire Prevention and Detection in Disaster Management,” under the **Research and Development Scheme of UP Government, India 2021** (22 Oct 2021) **Status: Ongoing**
- Received a project from UP Council of Science and Technology Project (CST)- DST, titled “**Smart Organic Agriculture (SOA): Modelling of Artificial Intelligence based IoT framework for Crop Recommendation and Supply Chain Management using Blockchain,**”, UP, India, 2022, Status: **Ongoing (Major Project)**
- Received a project titled “A Crop Recommendation and Supply Chain Management System using IoT and Blockchain,” under non-government extramural funding of GE Research, Japan, 2022. **Status: Ongoing**
- Joint Research Development project on “Intelligent Image Filtering System in Mobile Devices based on Machine Learning” in association with B.M.S. College of Engineering, Bangalore and Xkanda Technologies Private Ltd. Bangalore, India (completed in 2020). **Status: Completed**
- MHRD/TEQIP sponsored project on “An Emergency-Adaptive Routing Approach for Wireless Sensor Networks” (completed- 2020), India. **Status: Completed**
- UGC sponsored project on “Performance Improvement of Secret Image Sharing Schemes,”(duration 02 years. 2012-2014), UP, India– **Status: Completed**
- Fellow, IET,
- Senior Member, IEEE
- Senior Member, ACM
- Outstanding Teacher Award, 2023.
- I am working as a member of the ad hoc committee/policy for the **IEEE UP Section.**
- Honour for supporting Martyr’s Daughter Initiative, Institute of Company Secretaries of India, 2022
- Worked as Convener Web/NL Committee and Student Activities for IEEE UP Section, 2016-2018
- **Best paper award in GLOBECOM 2018**, held at Abu-Dhabi.
- Received an award on Teacher’s Day 2021 and 2022 for best services in education and research.
- Received Best Research award twice in 2022 by GE Research, Japan/USA.
- Received an award for **Best Research/Activities** at MJP Rohilkhand University in 2022.
- Appreciation award for Convener, Web/NL Committee IEEE UP Section, 2017, 2018 and 2019.
- Appreciation award for Convener, Student Activities Committee, IEEE UP Section, 2019-20.
- Appreciation award for Convener, Web/NL Committee IEEE UP Section, 2017, 2018 and 2019.
- Academic Award 2017, IEEE Golden Jubilee Year, IEEE UP Section.
- Academic Coordinator, TEQIP III Project, MHRD, Rs. 10 Crore (2017-2020)
- Asst. Coordinator (Core Member), TEQIP II Project, MHRD: Rs. 10 Crores. (2014-2017)
- Best paper award in ICNGCCT 2015 held at Dubai.
- Recognized in the list of who is who in the world (as a Researcher) by Marquis Society, USA.

- Nominated among 2000 intellectuals by Cambridge, United Kingdom.
- Got the Best Paper Award in IEEE Conferences at Rasoni College, Nagpur, 2008 and in ICNGCT Dubai.
- **General chair of International conferences of IEEE/Springer, IoT-SIU, ICACCA, ICAREMIT, and MARC**

Patents: 47 (43 National + 04 International)

Publications: 106, Journals: 52, International Conferences: 46, National Conferences: 08

Recent PATENTS- National/ International (All Granted)

1. Vinay Rishiwal et al., "BUVT – Face Recognition BOT: Face Recognition BOT Their Unique Voice Using IOT-based Technology" (20/05/2024)
2. Vinay Rishiwal et al., "Machine Learning Model for Predicting Severity Prognosis in Patients infected with COVID-19," (**Published/Granted on 07.10.2021**)
3. Vinay Rishiwal et al., "AMTH- Biomedical Waste Management: An IoT- Based System for Biomedical Waste Management Including Ayurveda Hospitals (**Granted: 29/10/2020**)
4. Krishan Chandra Mishra, Vinay Rishiwal et al., "ISML – Stock Prices Predictor: Intelligent Stock Prices Predictor Using Machine Learning" (**Published/Granted on 09/11/2020**)
5. Vinay Rishiwal et al., "Healthcare Data Exchange using Blockchain-based Technology" (**Filed on 19/04/2021, Published and granted on 26/05/2021**)

Recent PATENTS- National Published

6. Vinay Rishiwal et al., "Artificial Intelligence and Internet of Thing Enabled Framework for Early Fire Prevention and Detection in Disaster Management," (**Published on 12/01/2024**)
7. Vinay Rishiwal et al., "A study to Understand the Corelation Between Artificial Intelligence and Legal Implications," (**Published on 12/01/2024**)
8. Vinay Rishiwal et al., "A Crop Recommendation and Supply Chain Management System using IoT and Blockchain," (**Published on 02/06/2022**)
9. Inderpreet Kaur, Vinay Rishiwal et al., "MIMO Antenna for Smart Agriculture System," (**Published on 13/04/2022**)
10. Rashmi Chaudhary, **Vinay Rishiwal** et al., "School Girls and Women Safety Empowerment using IoT and Machine Learning Framework," (**Published on 26/02/2022**)
11. Sudeep Tanwar, Vinay Rishiwal and Sudhanshu Tyagi, "Big Data in Supply Chain Analysis using Block Chain," (**Published- 2021**)
12. **Vinay Rishiwal** et al., "IOE: Digital Education System: Impact of Open Access E-Resources in Digital Education System (**Published 2021**)
13. Vinay Rishiwal et al., "CTAO – Educational Monitoring: IOT based Education Monitoring to Checking the Class Teacher Available in a Class and Notes Available Online Notified. (**Published on 23/10/2020**)
14. Vinay Rishiwal et al., "BUVT – Face Recognition BOT: Face Recognition BOT Their Unique Voice Using IOT-based Technology" (**Published on 23/10/2020**)
15. Tanuja Bhatt, **Vinay Rishiwal** et al., "Education System Online Automation using Cloud Computing," (**Published on 03.05.2021**)
16. Krishan Chandra Mishra, **Vinay Rishiwal** et al., "ICS-Aerial Vehicle: Intelligent Aerial Vehicle Using Camera, Wireless Communication Module Patrols above Swimmers System" (**Published on 08/01/2021**)
17. Krishan Chandra Mishra, **Vinay Rishiwal** et al., "INUM- Human Immune Detection System: Human Immune Level Detection and Notification System using Mobile Phone" (**Published on 11/12/2020**)
18. Vinay Rishiwal et al., "SUAV- Women Security: Women Security using Street Light and Auto Run Unmanned Aerial Vehicle Using IoT Based Technology" (**Published on 09/10/2020**)
19. Rakesh Kumar Yadav, **Vinay Rishiwal** et al., "IVH- Sanitizer System: Intelligent Vehicle Hand Sanitizer System using Pre-Instruction" (**Published on 28/08/2020**)
20. Amit Kumar Verma, Vinay Rishiwal et al., "Sanitizer Composition of MADHUCA Longifolia" (**Published on 28/08/2020**)
21. Naveen Rathee, Rakesh Kumar Yadav, **Vinay Rishiwal** et al., "S-ROBOT: Intelligent Room Surface/Floor-Cleaning ROBOT" (**Published on 08/01/2021**)

RECENT JOURNAL PUBLICATIONS

1. **Vinay Rishiwal** et al., "A New Alliance of Machine Learning and Quantum Computing: Concepts, Attacks, and Challenges in IoT Networks," in IEEE Internet of Things Journal (**SCIE-Q1, IF 8.2**), **2025**, doi: 10.1109/JIOT.2025.3535414.
2. Brijesh Kumar Chaurasia, **Vinay Rishiwal** et al., "Blockchain Enabled Vehicle NFT and Key Management

- for IoV Networks in Fog Computing Environment,” IJAHUC Inderscience (SCIE), 2025 (DOI: 10.1504/IJAHUC.2024.10069167).
3. Brijesh Kumar Chaurasia, Vinay Rishiwal et al., “An Efficient Approach for Congestion Detection and Control in VANETs,” IJAHUC Inderscience (SCIE), 2025
 4. Vinay Maurya, **Vinay Rishiwal** et al., Blockchain-driven security for IoT networks: State-of-the-art, challenges and future directions,” Journal of Peer-to-Peer Networking and Applications (SCIE, IF 3.3), Springer, Vol 18, pp 1-35, 2025.
 5. Hemant P., Meera N., David A., Shahi B., **Vinay Rishiwal** et al., “Code-Switching ASR for Low-Resource Indic Languages: A Hindi-Marathi Case Study,” IEEE Access (SCIE-Q1), 2025. (DOI: 10.1109/ACCESS.2025.3527745).
 6. **Vinay Rishiwal** et al., “Blockchain-Secure Gaming Environments: A Comprehensive Survey,” IEEE Access (SCIE-Q1), vol 12, pp 183466 – 183488, 2024.
 7. Sarthak, **Vinay Rishiwal** et al, “Fine-tuning the large language pegasus model for dialogue summarization,” IJIT Springer, pp 1-13, 2024.
 8. Preeti Yadav, **Vinay Rishiwal** et al., “Investigation and Empirical Analysis of Transfer Learning for Industrial IoT Networks,” IEEE Access (SCIE-Q1), 2024.
 9. Omkar Singh, Vinay Rishiwal, Mano Yadav, “EPMR: Energy Proficient Mobile Routing for Scalable Wireless Sensor Networks,” Wireless Personal Communication- Springer (SCIE), 2024. (<https://link.springer.com/article/10.1007/s11277-024-11589-z>)
 10. **Vinay Rishiwal** et al., “Exploring Secure V2X Communication Networks for Human-centric Security and Privacy in Smart Cities,” IEEE Access- SCIE-Q1 (<https://ieeexplore.ieee.org/document/10689594>), 2024.
 11. Hina Singh, Preeti Yadav, **Vinay Rishiwal** et al., “Localization in WSN-assisted IoT Networks using Machine Learning Techniques for Smart Agriculture,” IJCS-Wiley (SCIE), 2024.
 12. Udit Agarwal, Vinay Rishiwal et al., “Exploring Blockchain and Supply Chain Integration: State-of-the-Art, Security Issues and Emerging Directions,” IEEE Access-(SCIE-Q1), 2024.
 13. Prachi Goyal, **Vinay Rishiwal**, Ashish Negi, “Pre-emptive Priority Queueing Based Multipath Routing (PPQM) to Enhance the QoS for Video Transmission in H-MANETs,” Wireless Personal Communication, Springer (SCIE), 2024.
 14. Hemant Pelivela, **Vinay Rishiwal** et al., “Optimization of Deep Learning based Model for Identification of Credit Card Frauds,” IEEE Access (SCIE), Vol. 12, pp. 125629-125642, <https://ieeexplore.ieee.org/document/10630802>, 2024.
 15. S. Farhat, Manoj Kumar, Anshul Srivastava, Shilpi Bisht, Vinay Rishiwal, Mano Yadav, “Enhancing E-Healthcare Data Privacy through Efficient Dual Signature on Twisted Edwards Curves Encryption Decryption,” Security and Privacy, Wiley, (SCIE), 2024. <https://doi.org/10.1002/spy2.464>
 16. Udit Agarwal, **Vinay Rishiwal**, et al., “Blockchain-Based Intelligent Tracing of Food Grain Crops from Production to Delivery,” Peer to Peer Networking and Applications (SCIE), Springer, 2024.
 17. Brijesh Chaurasia, **Vinay Rishiwal** et al., “An Efficient Approach for Congestion Detection and Control in VANETs,” Int. J. of Ad Hoc and Ubiquitous Computing (SCIE), Inderscience, 2024.
 18. Preeti Thakur, Vineet Kansal, **Vinay Rishiwal**, “Hybrid Deep Learning Approach Based on LSTM and CNN for Malware Detection, Wireless Personal Communications (SCIE), Springer, vol. 136 pp. 1879-1901, 2024.
 19. Udit Agarwal, **Vinay Rishiwal** et al., “Blockchain and crypto forensics: Investigating crypto frauds,” International Journal of Network Management (SCIE), Wiley, 2024, <https://doi.org/10.1002/nem.2255>.
 20. KR Singh, Rashmi Chaudhary and **Vinay Rishiwal**, Mano Yadav, “Model-Free QoE-Aware Seamless Handoff in Heterogeneous Wireless,” International Journal of Mobile Networks and Applications, (SCIE-IF 3.8), Springer, <https://link.springer.com/article/10.1007/s11036-024-02305-z>, 2024.
 21. Rashmi Chaudhary and **Vinay Rishiwal**, “An Efficient Task Allocation with Fuzzy Reptile Search Algorithm for Disaster Management in Urban and Rural Area,” Sustainable Computing: Informatics and Systems (SCIE- IF 4.9), Elsevier, pp- 100893, 2023
 22. M. Yadav, Udit Agarwal, **Vinay Rishiwal** et al., "Exploring Synergy of Blockchain and 6G Network for Industrial Automation," in IEEE Access (SCIE IF 3.9), vol. 11, pp. 137163-137187, 2023, doi: 10.1109/ACCESS.2023.3338861
 23. Prachi Goyal, **Vinay Rishiwal**, “A comprehensive survey on QoS for video transmission in heterogeneous mobile ad hoc network,” Transactions on Emerging Telecommunications Technologies, Wiley, (SCIE- IF 3.6), 2023. (<https://doi.org/10.1002/ett.4775>)
 24. Preeti Yadav, S. C. Sharma, Omkar Singh, **Vinay Rishiwal**, “Optimized Localization Learning Algorithm for Indoor and Outdoor Localization System in WSNs,” Wireless Personal Communication (SCIE- IF 2.2), pp. 1-22, 2023, <https://doi.org/10.1007/s11277-023-10304-8>.
 25. Udit Agarwal, **Vinay Rishiwal** et al., “Blockchain Technology for Secure Supply Chain Management: A Comprehensive Review, IEEE Access (SCIE- IF 3.9), 2022. DOI: [10.1109/ACCESS.2022.3194319](https://doi.org/10.1109/ACCESS.2022.3194319)
 26. Inderpreet Kaur, Banani Basu, **Vinay Rishiwal** et al., “Annular Ring Ultra-Wideband Antenna Integrated

- with Metallic via Array for IoT Applications,” IEEE Access (**SCIE- IF 3.9**), pp73446 – 73457, **2022**.
27. Preeti Yadav, S.C. Sharma, **Vinay Rishiwal**, “Hybrid Localization schemes using K-fold optimization with Machine Learning in WSN, IJCS- Wiley (**SCIE**), **2022**. DOI: 10.1002/dac.5206
 28. **Vinay Rishiwal**, Omkar Singh, Mano Yadav, “ECMR: Energy Constrained Mobile Routing for Wireless Sensor Networks, WPC Springer (**SCIE- IF 2.2**), **2022**. <https://doi.org/10.1007/s11277-022-09497-1>
 29. Omkar Singh, **Vinay Rishiwal**, Mano Yadav, “Multi-Objective Lion Optimization for Effective Multipath QoS technique in WSNs, IJCS- Wiley (**SCIE- IF 2.0**), **2021**, <https://doi.org/10.1002/dac.4969>
 30. Aditya Tandon, Pramod Kumar, **Vinay Rishiwal**, Mano Yadav, Preeti Yadav, “Bio Inspired Hybrid Cross Layer Routing Protocol for Energy Preservation in WSN-Assisted IoT,” KSII Transaction on Internet and Information System (**SCIE**), Vol 15, No. 4, pp. 1317-1341, Apr 2021.
 31. Omkar Singh, **Vinay Rishiwal**, Rashmi Chaudhry, Mano Yadav, “Multi-Objective Optimization in WSN: Opportunities and Challenges, Wireless Personal Communication (**SCIE- IF 2.2**)-<https://doi.org/10.1007/s11277-021-08627-5>, Springer, 2021.
 32. **Vinay Rishiwal** and Omkar Singh, Energy Efficient Emergency Rescue Scheme in Wireless Sensor Networks, International Journal of Information Technology, **Springer**, (<https://doi.org/10.1007/s41870-020-00584-9>), 2021.
 33. **Vinay Rishiwal**, Preeti Yadav, Omkar Singh and B. Prasad, “Optimizing Energy Consumption in IoT based Scalable Wireless Sensor Networks,” IJSDA (**e-SCI and Scopus indexed**), vol 11, no. 3, 2021.
 34. Gaurav Kumar and **Vinay Rishiwal**, “Malicious User Detection by web Mining based Artificial Intelligence Technique,” IJUFKS, World Scientific (**SCIE – IF 1.5**), Vol. 28, No. 01, 2020.
 35. Anupama Sharma, Abhay Bansal and Vinay Rishiwal, “SBADR: stable and bandwidth aware dynamic routing protocol for mobile ad hoc network,” IJPCC (**IF 2.6, ESCI, Scopus Indexed**) Emerald, vol 16, no. 3, pp. 205-221, 2020.
 36. Anupama Sharma, Abhay Bansal and Vinay Rishiwal, “Efficiency Parameters for Node Indexing to Get Energy Efficient and Bandwidth Aware Path,” IJSWCC, Bentham Science (**Scopus Indexed**), vol 10, issue 5, 2020.
 37. Lalit Kumar and **Vinay Rishiwal**, “Design of retrievable data perturbation approach and TPA for public cloud data security,” Wireless Personal Communication, Springer (**SCIE- IF 2.2**), 108(1), pp. 235-251, 2019.
 38. Omkar Singh and Vinay Rishiwal “Scalable Energy Efficient Routing Mechanism Prolonging Network Lifetime in Wireless Sensor Networks”, International Journal of Systems, Control and Communications, Inderscience (**Scopus Indexed**), ISSN 1755-9359, vol. 2, No. 3, pp. 1-17, 2019.
 39. Jitendra Kumar, Vinay Rishiwal and MIH Ansari, “Quality of Service in Wireless Sensor Networks: Imperatives and Challenges,” IJSWCC Bentham Science (**Scopus Indexed**), ISSN: 2210-3287, vol. 8, no. 3, 2019.
 40. Himanshu Sharma, Omkar Singh, Vinay Rishiwal et al., “Energy Efficient Routing Protocol Prolonging Network Lifetime for MANETs,” IJSTR (**Scopus Indexed**), ISSN 2277-8616, pp. 1847-1853, vol. 8, Issue. 8, 2019.
 41. Omkar Singh and Vinay Rishiwal, “Study of Quality of Service Routing in Wireless Sensor Networks,” IJSWCC Bentham Science (**Scopus Indexed**), ISSN: 2210-3287, pp. 297-313, vol. 8, no. 3, 2018.
 42. Anupama Sharma and Vinay Rishiwal, “Selection of High Quality Path through MXAODV in Mobile Ad-Hoc Network,” IJSCC Inderscience (**Scopus Indexed**), (DOI: 10.1504/IJSCC.2019.097403), vol. 10, no. 1, 2019.

Recent Books: Authored/Edited: 04

1. Udit Agarwal and Vinay Rishiwal, “Block Chain Architecture Design”, S.K. KATARIA & SONS, Katson Publishers, 2024
2. Dr. Vinay Rishiwal, Dr. Pramod Kumar, Dr. Anuradha Tomar, Dr. Priyan Malarvizhi Kumar, Towards the Integration of IoT, Cloud and Big Data: Services, Applications and Standards, **Springer-Nature, 2023 (Available at <https://link.springer.com/book/9789819960330>)**
3. Pramod Kumar, Vinay Rishiwal, R. Sharmila, “Future of Smart Agriculture: The Next Breakthrough in the Rapid Progress of Technologies”, **River Publishers (Approved), 2023**.
4. Dr. Vinay Rishiwal, Dr. Sudeep Tanwar and Dr. Rashmi Chaudhary, “Blockchain for 6G-Enabled Network-based Applications-A Vision, Architectural Elements and Future Directions”, **CRC Taylor and Francis**, <https://www.routledge.com/Blockchain-for-6G-Enabled-Network-based-Applications-A-Vision-Architectural/Tanwar-Rishiwal-Chaudhry/p/book/9781032206103>, **2022**.
5. Dr. Suman Lata Tripathi, Dr. Mithilesh Kumar Dubey, Dr. Vinay Rishiwal and Dr. Sanjeev Kumar Padmanaban, “Introduction to AI Techniques for Renewable Energy System”, **CRC Taylor & Francis**, Published and available online at <https://www.routledge.com/Introduction-to-AI-Techniques-for-Renewable-Energy-System/Tripathi-Dubey-Rishiwal-Padmanaban/p/book/9780367610920>, **2021**.

Other Details

- **Phd Supervised (Awarded: 07, Ongoing: 07)**
- Worked as coordinator/program chair for many FDPs, conferences, and workshops of international/national repute.
- Reviewer of Many peer-reviewed International Journals and conferences.
- Senior IEEE Member (**Membership Number: 92134039**), **Senior Member** ACM (**Membership number: 2703150**)
- Member IACSIT (Singapore), **Membership Number: 80332293**
- **Senior Member**, Universal Association of Computer and Electronic Engineers (UACEE), **SNM-1003560**.
- Academic and Project In charge (Department)
- Proctor of the University, Member of various university committees, like sports, website, BOS, Internet, Antiragging, NBA, TEQIP-II, TEQIP III, IIC etc.
- **Attended** and **delivered** lectures in the various Workshops and STPs on different Computer Science areas organized by the TEQIP programme of AICTE.
- Delivered many keynote/invited lectures at national/international conferences.
- Developed T&P and Alumni Portal and Organized Many Alumni Meets
- Mentoring Students for IEEEExtreme and ACM ICPC , Mentor for students in SIH 2019 and 2020



(Prof. Vinay Rishiwal)