Dr. PRINCE RAJPOOT

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EDUCATION

S.B.M.I.C. Rath   **Rath, U.P.**
High School, UP Board, 2005
Percentage- 73.50%

P.V.M.I.C. Kanpur   **Kanpur, U.P.**
Intermediate, UP Board, 2007
Percentage- 66.66%

GLAITM, Mathura (from UPTU)   **Mathura, U.P.**
B. Tech, Information Technology, July 2008- June 2012
Percentage- 73.92%

Motilal Lal Nehru National Institute of Technology   **Allahabad, U.P.**
M. Tech, Information Security, July 2012- June 2014
MHRD Fellowship, Relevant Coursework and Thesis on "Energy Efficient Data Aggregation in Wireless Sensor Network".
CGPA - 8.78/10

Motilal Lal Nehru National Institute of Technology   **Allahabad, U.P.**
Ph.D., CSE, July 2016-June 2022
MHRD Fellowship,
Thesis Title: "Lifetime Enhancement through Optimization Approaches in Wireless Sensor Network".
CGPA in Course Work - 9.25/10

RESEARCH EXPERIENCE

Motilal Lal Nehru National Institute of Technology   *Allahabad, U.P.*
Doctrate's Researcher   July 2016 – July 2022
- Computation of energy model for clustering in Wireless Sensor Network (WSN).
- Simulation of system to predict energy consumption in data collection process.
- Analysis of MADM and MODM approaches for optimization in WSN.
- Conducted extensive data analysis via MatLab.

Motilal Lal Nehru National Institute of Technology   *Allahabad, U.P.*
Master's Researcher   July 2012- June 2014
- Computation of energy model for data aggregation using distance and minimum energy factor.
- Simulation of system to predict data aggregation process.
- Conducted extensive data analysis via MatLab.

PROJECTS

Motilal Lal Nehru National Institute of Technology   *Allahabad, U.P.*
Master's Researcher   July 2012- June 2014
- Title: ONLINE MOVIES TICKET BOOKING
  Duration and Organization: 6 MONTHS, M.N.N.I.T.
  Brief Description: ONLINE BOOKING OF MOVIES TICKETS.

GLAITM, Mathura   *Mathura, U.P.*
Undergraduate   July 2008- June 2012
- Title: HOTEL MGMT
  Duration and Organization: 6 MONTHS, G.L.A.I.T.M.
  Brief Description: IT PERFORMS MANAGEMENT OF A HOTEL.

- Title: SOCIAL NETWORKING SITE
  Duration and Organization: 1 YEAR, G.L.A.I.T.M.
  Brief Description: A COLLEGE CIRCLE WEBSITE.

HCLCDC   *(Indra nagar-Lucknow), U.P.*
Summer Internship   June 2013- July 2013
- Developed a HCL Centre Management Software.

TEACHING EXPERIENCE

Shri Ramswaroop Memorial University   *Lucknow, U.P.*
Assistant Professor, Computer Science and Engineering Department   July 2014-july 2016
- Taught the courses like Data Communication and Networking, E-Commerce and M-Commerce, Network Security to graduate and postgraduate students.
- Took the Aptitude and Reasoning classes of Pre-final year.
- Supervised B. Tech project.
- Implemented Enterprise Resource Planning (ERP) System (PeopleSoft) for the university
- Assisted the various technical events during technical festival of university.

REC Ambedkar Nagar   *Akbarpur, U.P.*
Assistant Professor, Information Technology Department   Dec, 2017-presently working
- Taught the courses like Mobile Computing, DAA, DS to graduate students.

Motilal Lal Nehru National Institute of Technology   *Allahabad, U.P.*
Master's Researcher   July 2013-June 2014
- Supervised B. Tech labs for one year.

SKILLS
Computer Languages: C, Python, JAVA, PHP, Visual Basic, C#, SQL and Racket.
Software Packages: Turbo C, .NET Framework, Oracle 10g, MATLAB, WAMP etc.
IDE & Tools: NetBeans, DB2, RFT etc.
Operating System Platform: Windows, Linux.
Language: Fluency in Hindi and English.

ACHIEVEMENTS/AWARDS
- NET/JRF (99.90 percentile), GATE Qualified (52 Marks).
- DB2 Certified (BY IBM).
- RFT Certified (BY IBM).
- Cetificate of "Sanskriti Gyan Parikchha" (2 TIMES).

PUBICATIONS (Total 33 (14 International Journals (8-SCI INDEXED, 4-SCOPUS INDEXED), 19 International Conferences (13-SCOPUS INDEXED, 6-IEEE))

Internatinal Journal Papers:

1. "A Smart Crop, Irrigation System, and Fertilizer Prediction Using IoT and Machine Learning", International Journal of Global Warming (IF=0.9), (Accepted) (SCI-E INDEXED)
2. "The Effect of Plant Leaf Disease on Environment and Detection of Disease Using Convolutional Neural Network", International Journal of Global Warming (IF=0.9), (Accepted) (SCI-E INDEXED)
3. "A lightweight, efficient, and secure identity-based authentication scheme for underwater green transport systems", Annals of Telecommunications (IF=1.9), https://doi.org/10.1007/s12243-023-00999-y. (SCI-E INDEXED)
4. "An Integrated Deep-Learning Model for SmartWaste Classification", Environmental Monitoring and Assessment (IF=3.0). (Minor Revision) (SCI-E INDEXED)
5. "Disease Detection in Different Plants to Save Environment Using IOT, Image Processing and Machine Learning: A Review", International Journal of Global Warming (IF=0.9), 31(4), 2023, DOI: 10.1504/IJGW.2023.10057219. (SCI-E INDEXED)
6. "Optimized and load balanced clustering for wireless sensor networks to increase the lifetime of WSN using MADM approaches." Wireless Networks (IF=3.0): 1-37 (2018). (SCI INDEXED) https://doi.org/10.1007/s11276-018-1812-2
7. "Multiple parameter based energy balanced and optimized clustering for WSN to enhance the Lifetime using MADM Approaches", Wireless Personal Communications (IF=2.2) (2019). (SCI-E INDEXED) https://doi.org/10.1007/s11277-019-06192-6
8. "ESS-IBAA: Efficient, Short, and Secure ID-based Authentication Algorithm for Wireless Sensor Network", International Journal of Communication Systems (IF=1.882). (SCI/SCIE Indexed-Accepted) **https://doi.org/10.1002/dac.4764**
9. "Lifetime Maximization of Heterogeneous WSN using Fuzzy-based Clustering", Recent Advances in Computer Science and Communications (2020) 13: 1. https://doi.org/10.2174/2666255813999200824123409 (SCOPUS Indexed Journal)
10. "MADM based Optimal Nodes Deployment for WSN with Optimal Coverage and Connectivity", IOP Conference Series: Materials Science and Engineering vol. 1020 (2021) pp: 012003. (SCOPUS Indexed Journal) doi:10.1088/1757-899X/1020/1/012003
11. "Fuzzy based hierarchical optimized approach with connectivity in WSN using multiple conflicting factors for application in the supervision of pipeline", Journal of Physics: Conference series. (SCOPUS Indexed Journal) doi:10.1088/1742-6596/1831/1/012014
12. "Optimal Tiring with Base Station Position for Wireless Sensor Network", ISSN: 0193-4120 Page No. 7593 – 7602 (TEST Engineering and management) (SCOPUS Indexed Journal)
13. "FLASH BLOCK AWARE PAGE REPLACEMENT ALGORITHM FOR NAND FLASH MEMORY", International Journal of Research and Analytical Reviews (IJRAR) Volume 6 Issue 2 May 2019 (2019). (UGC Approved, E-ISSN: 2348-1269)
14. "A STUDY ON VANET AND ITS SECURITY ISSUES", International Journal of Recent Scientific Research (IJRSFP), Vol. 10, Issue, 06(I), pp. 33298-33303, June, 2019. DOI: http://dx.doi.org/10.24327/ijrsr.2019.1006.3646.

Internatinal Conference Proceedings:

1. "Matrix Method for Non-Dominated Sorting and Population Selection for Next Generation in Multi-Objective Problem Solution", Proceedings of IEEE 8th International Conference CONFLUENCE' 2018 (SCOPUS INDEXED). **DOI:** 10.1109/CONFLUENCE.2018.8442879

2. "Multi-Factor Based Energy Efficient Algorithm for Clustering and Routing in WSN", Proceedings of SPRINGER 3rd International Conference SoCTA 2018 (SCOPUS INDEXED). https://doi.org/10.1007/978-981-15-0751-9_53

3. "Energy Efficient Protocol to Supervise Over-ground Pipelines using WSN", Proceedings of 2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018), pp 1818-1823. (IEEE) **DOI:** 10.1109/RTEICT42901.2018.9012422

4. "Partition Based Strategic Node Placement and Efficient Communication Method for WSN", Proceedings of 2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT 2018), pp 1807-1812. (IEEE) **DOI:** 10.1109/RTEICT42901.2018.9012336

5. "Optimized H-LEACH algorithm for clustering to improve lifetime of WSN", Proceedings of 2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018), pp 2393-2398. (IEEE) **DOI:** 10.1109/RTEICT42901.2018.9012605

6. ''Heterogeneous Clustering for Energy Optimization in Wireless Sensor Networks'', 9th International Conference-Confluence-2019 (SCOPUS INDEXED). **DOI:** 10.1109/CONFLUENCE.2019.8776933

7. ''Multi-Objective Heterogeneous Clustering Approach for Efficient-Energy Optimization in WSN'', 9th International Conference-CONFLUENCE' 2019 (SCOPUS INDEXED). **DOI:** 10.1109/CONFLUENCE.2019.8776965

8. ''Multi Parameters Based Heterogeneous Clustering Algorithm for Energy Optimization in WSN'', 9th International Conference-CONFLUENCE' 2019 (SCOPUS INDEXED). **DOI:** 10.1109/CONFLUENCE.2019.8776966

9. ''Implementation and Analysis of 7T SRAM at Different Design Technologies'', 2nd IEEE International Conference on Intelligent Sustainable Systems [ICISS 2019] (SCOPUS INDEXED). **DOI:** 10.1109/ISS1.2019.8908072

10. "Mean Threshold Shortest Job Round Robin CPU Scheduling Algorithm", 2nd IEEE International Conference on Intelligent Sustainable Systems [ICISS 2019] (SCOPUS INDEXED). **DOI:** 10.1109/ISS1.2019.8908071

11. "An enhanced approach for energy optimization using protocol based on multi factors", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019) (SCOPUS INDEXED). **DOI:** 10.1109/ICCMC.2019.8819652

12. "A Survey on Fundamental of Wireless Sensor Network with Various Issues in Optimization", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019) (SCOPUS INDEXED). **DOI:** 10.1109/ICCMC.2019.8819833

13. "Load Balanced Clustering protocol for lifetime enhancement of WSN", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019) (SCOPUS INDEXED). **DOI:** 10.1109/ICCMC.2019.8819854

14. "Power Optimization Algorithm for Heterogeneous WSN using Multiple Attributes", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019) (SCOPUS INDEXED). **DOI:** 10.1109/ICCMC.2019.8819705

15. "Fuzzy based Technique for Nodes Coverage with Load Balancing Data collection using Multiple Conflicting Factors", Proceedings of the Fourth International Conference on Communication and Electronics Systems (ICCES 2019) IEEE Conference Record # 45898; IEEE Xplore ISBN: 978-1-

7281-1261-9, pp: 578-583 (SCOPUS INDEXED). **DOI:** 10.1109/ICCES45898.2019.9002069

16. "Power Balanced Efficient Clustering Algorithm for WSN", Proceedings of the Fourth International Conference on Communication and Electronics Systems (ICCES 2019) IEEE Conference Record # 45898; IEEE Xplore ISBN: 978-1-7281-1261-9, pp: 584-588 (SCOPUS INDEXED). **DOI:** 10.1109/ICCES45898.2019.9002109

17. "Relative Distance Based Fuzzy Clustering Approach for Wireless Sensor Networks". Second International Conference on Advances in Electrical, Electronic and System Engineering, 2019, IEEE. (In press)

18. "Energy Distribution based Cluster Head Selection to Enhance the Lifetime of WSN". Second International Conference on Advances in Electrical, Electronic and System Engineering, 2019, IEEE. (In press)

19. "Optimization of Data Collection process in Heterogeneous WSN using Fuzzy and Multi-Attribute based Load Balancing Approach". Second International Conference on Advances in Electrical, Electronic and System Engineering, 2019, IEEE. (In press)

20. A Comparative Study of Heuristics and Meta-Heuristic Algorithms with Issues in WSN. In: Gunjan V.K., Zurada J.M. (eds) Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications. Advances in Intelligent Systems and Computing, vol 1245. Springer, Singapore. https://doi.org/10.1007/978-981-15-7234-0_48

BOOKS

1. "SOA Security Framework Design and Implementation", 978-620-0-27913-2 (LAMBERT-2019).

PATENT

1. Patent 1: "A POWER SYSTEM DISTURBANCE CLASSIFICATION USING SUPPORT VECTOR MACHINE AND A METHOD THEREOF", REPUBLIC OF SOUTH AFRICA. Patent Granted Date: 29/06/2022

2. Patent 2: "BUILDING SECURITY SYSTEM WITH IOT SENSORS AND MACHINE LEARNING", FEDERAL REPUBLIC OF GERMANY. Date of Publication of the entry in the Patent Gazette: 09/06/2022

3. Patent 3: "AI BASED SMART GLASSES FOR IDENTIFYING SKIN DISEASE" GOVERNMENT OF INDIA Patent Granted Date: 17/08/2022

4. Patent 4: "A SYSTEM FOR MONITORING ATTENDANCE USING MULTI-AUTHENTICATION LEVELS", FEDERAL REPUBLIC OF GERMANY. Date of Publication of the entry in the Patent Gazette: 12/09/2022

5. Patent 5: "SYSTEM OF EFFECTIVE KEEPER BASED DOMINO CIRCUIT FOR LOW POWER APPLICATION" REPUBLIC OF SOUTH AFRICA. Patent Granted Date: 30/11/2022

6. Patent 6: "USER BEHAVIOUR ANALYSIS BASED ON ARTIFICIAL INTELLIGENCE SYSTEM AND METHOD THEREOF", GOVERNMENT OF INDIA. Date of Publication: 06/01/2023

REVIEWS

1. Review of the manuscript CMC 47608, "Falcon Optimization Algorithm based Energy Efficient Communication Protocol for Cluster based Vehicular Networks", CMC-Computers, Materials & Continua, Nov 22, 2023 (SCI/SCIE Indexed)

2. Review of the manuscript ID WIRE-D-22-00060, "Mixed Image Noise Removal by PCNN Combined with Regularization P-M Equation" for Wireless Personal Communications Nov 16, 2023 (SCI/SCIE Indexed)

3. Review of the manuscript ID ESWA-D-23-10407 entitled "A Novel Discrete Artificial Bee Colony Algorithm Combined with Adaptive Filtering to Extract Fetal Electrocardiogram Signals" for the journal expert systems with applications Nov 08, 2023. (SCI/SCIE Indexed)
4. Review of the manuscript, "Re: SEE2PK: Secure and Energy Efficient Protocol Based on Pairwise Key for Hierarchical Wireless Sensor Network", for Peer-to-Peer Networking and Applications, Oct 31, 2023 (SCI/SCIE Indexed)
5. Review of the manuscript, "SEE2PK: Secure and Energy Efficient Protocol Based on Pairwise Key for Hierarchical Wireless Sensor Network", for Peer-to-Peer Networking and Applications, Sept 29, 2023 (SCI/SCIE Indexed)
6. Review of the manuscript ID WIRE-D-21-02801, "A novel Intuitionistic Fuzzy Inference System for feature subset selection in weather prediction" for Wireless Personal Communications Aug 24, 2023 (SCI/SCIE Indexed)
7. Review of the manuscript ID IOT-D-23-01294, "Optimal Data Transmission for Decentralized IoT and WSN Based on Type-2 Fuzzy Harris Hawks" for Internet of Things, Aug 08, 2023 (SCI/SCIE Indexed)
8. Review of the manuscript ID HELIYON-D-23-12296, "DGTTSSA: Data Gathering Technique based on Trust and Sparrow Search Algorithm for WSN-based Applications", Heliyon, June 30, 2023 (SCI/SCIE Indexed)
9. Review of the manuscript ID 40970-R1, "Linguistic Knowledge Representation in DPoS Consensus Scheme for Blockchain", CMC-Computers, Materials & Continua, June 23, 2023 (SCI/SCIE Indexed)
10. Review of the manuscript, "Hybrid Grey PIPRECIA and Grey OCRA Method-based Dynamic Multi-Criteria Decision-Making Model for mitigating non-cooperating node attacks in WSNs", for Peer-to-Peer Networking and Applications, June 12, 2023 (SCI/SCIE Indexed)
11. Review of the manuscript, "CH Selection And Compressive Sensing-Based Data Aggregation In WSN Using Hybrid Golden Circle-Inspired Optimization", for Pervasive and Mobile Computing May 23, 2023 (SCI/SCIE Indexed)
12. Review of the manuscript ID 42024, "Optimal Clustered Routing method for HWSNs using enhanced NSGA-II", CMC-Computers, Materials & Continua, May 23, 2023 (SCI/SCIE Indexed)
13. Review of the manuscript ID IJCIS-150850, "Signalling Solution for Railway Diamond Crossing using Weight Sensor for Passenger Safety", Int. J. of Critical Infrastructures, Inderscience, May 23, 2023 (ESCI Indexed)
14. Review of the manuscript, "Improvising the Routing Wireless Sensor Networks Technique on Data Aggregation Using Cluster Routing Algorithm", for The Journal of Supercomputing May 12, 2023 (SCI/SCIE Indexed)
15. Review of the manuscript ID SUSCOM-D-23-00081, "Energy Efficient Clustering and Sink Mobility Protocol using Improved Dingo and Boosted Beluga Whale Optimization Algorithm for extending Network Lifetime in WSNs", Sustainable Computing: Informatics and Systems, Apr 26, 2023 (SCI/SCIE Indexed)
16. Review of the manuscript ID 40970, "Linguistic Knowledge Representation in DPoS Consensus Scheme for Blockchain", CMC-Computers, Materials & Continua, Apr 26, 2023 (SCI/SCIE Indexed)
17. Review of the manuscript ID ESWA-D-22-01647R2 entitled "Hybrid sooty tern naked mole-rat algorithm and Fuzzy Type-2 logic-based Trust and Energy-aware Stable Clustering Protocol" for the journal expert systems with applications Feb 08, 2023. (SCI/SCIE Indexed)
18. Review of the manuscript ID SUSCOM-D-22-00742, "Energy Efficient and Secure WSN with High Coverage and Connectivity for Military Border Surveillance", Sustainable Computing: Informatics and Systems, Jan 12, 2023 (SCI/SCIE Indexed)
19. Review of the manuscript ID ESWA-D-22-02496R2 entitled "MoDM: A novel approach for evaluating weights for matrices with incomplete data" for the journal expert systems with applications Sep 28, 2022. (SCI/SCIE Indexed)

20. Review of the manuscript ID ESWA-D-22-05129 entitled "Hybrid sooty tern naked mole-rat algorithm and Fuzzy Type-2 logic-based Trust and Energy-aware Stable Clustering Protocol", for the journal expert systems with applications Sep 28, 2022. (SCI/SCIE Indexed)
21. Review of the manuscript ID ESWA-D-22-01647R1 entitled "An Adaptive Genetic Algorithm and Its Application to optimize electric refrigerated truck", for the journal expert systems with applications Aug 24, 2022. (SCI/SCIE Indexed)
22. Review of the manuscript ID WIRE-D-21-02430, "Mass Relations of b-Quark and t-Quark Hadrons in Naïve Quark Model for Wireless Personal Communications 25-July-2022 (SCI/SCIE Indexed)
23. Review of the manuscript ID ESWA-D-22-01647 entitled "Hybrid sooty tern naked mole-rat algorithm and Fuzzy Type-2 logic-based Trust and Energy-aware Stable Clustering Protocol", for the journal expert systems with applications 14 June, 2022. (SCI/SCIE Indexed)
24. Review of the manuscript ID ESWA-D-22-01647 entitled "MoDM: A novel approach for evaluating weights for matrices with incomplete data" for the journal expert systems with applications 21 May, 2022. (SCI/SCIE Indexed)
25. Review of the manuscript ID SUPE-D-21-02224 entitled "Hierarchy-entropy based method for command and control networks reconfiguration" for The Journal of Supercomputing Jan 27, 2022 (SCI/SCIE Indexed)
26. Review of the manuscript ID WIRE-D-21-02178 entitled "FPGA Implementation of Eye Movement Detection Algorithm" for Wireless Personal Communications 09-Dec-2021 (SCI/SCIE Indexed)
27. Review of the manuscript ID SUPE-D-21-01207 entitled "Dynamic and Scalable Multi-Level Trust Management Model for Social Internet of Things" for The Journal of Supercomputing Sep 15, 2021 (SCI/SCIE Indexed)
28. Review of the manuscript ID JIT-2021-0280 entitled "RCECG: Regional Clustering Routing Algorithm Based on Energy Center of Gravity in Wireless Sensor Network", for Journal of Internet Technology 12-Aug-2021
29. Review of the manuscript, "WSHO: Energy and trust aware protocol using Whale Spotted Hyena Optimization algorithm in IoT integrated WSN," for Ad Hoc & Sensor Wireless Networks 2021 (SCI/SCIE Indexed)
30. Review of Manuscript ID WIRE-D-20-01782 entitled "A Survey on WSN Issues with its Heuristics and Meta-Heuristics Solutions" for Wireless Personal Communications 31 march 2021 (SCI/SCIE Indexed)
31. Review of Manuscript ID WIRE-D-20-01799R1 entitled "Intelligent Physical Layer Secure Relay Selection" for Wireless Cooperative Networks with Multiple Eavesdroppers for Wireless Personal Communications 17 Feb 2021 (SCI/SCIE Indexed)
32. Review of Manuscript ID WIRE-D-20-01799 entitled Intelligent Physical Layer Secure Relay Selection for Wireless Cooperative Networks with Multiple Eavesdroppers for Wireless Personal Communications 11 Nov 2020 (SCI/SCIE Indexed)
33. review of the manuscript ID SUPE-D-19-01080 entitled OFFM-ANFIS Analysis for Flood prediction using mobile IoS, Fog and Cloud Computing for The Journal of Supercomputing Mar 6, 2020 (SCI/SCIE Indexed)
34. Review a paper entitled ''Unified Framework for Deep Learning based Text Classification'' for iccaeee 2019
35. Review of Manuscript ID WIRE-D-18-00458R1 entitled MSoC: Multi-Scale Optimized Clustering for Energy Preservation in Wireless Sensor Network for Wireless Personal Communications 03 Jan 2019 (SCI/SCIE Indexed)
36. Review of Manuscript ID WIRE-D-18-00458 entitled MSoC: Multi-Scale Optimized Clustering for Energy Preservation in Wireless Sensor Network for Wireless Personal Communications 28 Apr 2018 (SCI/SCIE Indexed)

EXPERT LECTURE/SESSION CHAIR

1. Delivered lecture as an Expert Speaker in the online workshop "Foundation of Data Science" organized by School of Computer Science Artificial Intelligence & Emerging Technologies, TransStadia University, Ahmedabad from 11th September - 14 September, 2023.
2. Delivered an Invited Talk on "WSN Clustering using multi-objective solution using Non-Dominated Matrix" in the Second National Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES-23) organized by Department of Applied Science & Humanities, Rajkiya Engineering College, Ambedkar Nagar, UP, during February 27-28, 2023.
3. Chaired a session in Engineering and Technology section in the Second National Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES-23) organized by Department of Applied Science & Humanities, Rajkiya Engineering College, Ambedkar Nagar, UP, during February 27-28, 2023.

WORKSHOP AND FDP (ORGANIZED)

a) Worked as an Organizing Secretary in a One-day Workshop on "Water treatment management and application of Artificial Intelligence" on 19 Nov 2022.
b) Coordinator in a Four week Summer Training on "Python, Android and WSN Optimization using MATLAB", organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar, held during 17 june-13 july, 2019.
c) Coordinator in a Two week workshop on "Ethical Hacking and Cyber Security", organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar, held during 06 june-15 june, 2019.
d) Worked as a Coordinator in an "ICT course on Scilab Programming", organized by Department of Electrical Engineering & Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar in collaboration with NITTTR Chandigarh, held during 14th May –18th May, 2018.
e) Coordinator in an STC on "Next Generation Wireless Networks", organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar in collaboration with NITTTR Chandigarh, held during 29 april-3may 2019.
f) Coordinator in one day workshop on "Machine Learning using Python", organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar in collaboration with Softpro Pvt. Ltd., held during 29 April, 2019.
g) Worked as a Secretary in "Laboratory and Workshop Management Issues" organized by Rajkiya Engineering College Ambedkar Nagar in collaboration with NITTTR Kolkata, held during 9th April –13th April, 2018.
h) Worked as an Organizing Secretary in a One-week National Workshop On "EVOLVING DRIFTS IN COMPUTER SCIENCE" (NWEDCS-2018), organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar, held during 9th -13th July, 2018.
i) Worked as an Organizing Secretary in a One-week National Workshop On "Image Processing Computer Vision & Application" (IPVCA-2019), organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar, held during 05th - 9th March, 2019.
j) Worked as an organizing member in One-week National Workshop on "MATLAB & Its Application", Jan 28 – Feb 01, 2019 organized by Department of Electrical Engineering at Rajkiya Engineering College Ambedkar Nagar.
k) Worked as a student coordinator in a self-financed summer training program on "Enhancing Skill for Enterprise Scale Application Development ((ES)2AD)", organized by CSED MNNIT Allahabad, held during 9th June–6th July, 2017.
l) Worked as a student coordinator in a self-financed workshop "Machine Learning and its application (MLA-2017)" organized at MNNIT Allahabad, july 10-14, 2017.

WORKSHOP AND FDP (ATTENDED)

a) Participated in the 5-day Short Term Course on "Blockchain Technology and it's applications" organized by ABV-IIITM Gwalior during 12th November to 16th June 2023.
b) Participated in the 5-day online Faculty Development Programme on "Cyber Security Challenges and Practices(CSCP-2022)" organized by Computer Science and Engineering Department, Rajkiya Engineering College, Sonbhadra during 28th November to 2nd December 2022.
c) Participated and completed the two weeks professional training on "ICT tools for teaching-learning process" organized by AI4FINTECH PRIVATE LIMITED held from 05/07/2022 to 19/07/2022.
d) Participated in the 5-day online Faculty Development Programme by AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Malware Data Science with Deep Learning" from 25/10/2021 to 29/10/2021 at Rajkiya Engineering College Ambedkar Nagar.
e) Participated in the 5-day online Faculty Development Programme on "Leadership: An Essential Employability Skill for the 21st Century" organized by Department of Applied Sciences and Humanities, Rajkiya Engineering College, Mainpuri, India, from Sep 6-10, 2021.
f) One month internship on "Raspberry Pi" organized by Pantech Prolab India Pvt ltd, (10/04/2021-10/05/2021)
g) One month internship on "AI master class using python" organized by Pantech Prolab India Pvt ltd, (16/02/2021-17/03/2021)
h) One week TEQIP III sponsored E -Training Program/Short - term course on "Internet of Things" in the Centre for Advanced Electronics from 07 December 2020 to 11 December 2020 at IIT Indore.
i) 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)
j) One week "Productivity Enhancement program (PEP)", held under TEQIP-III at Rajkiya Engineering College Ambedkar Nagar from 17/12/2019 to 22/12/2019.
k) Two week national workshop on "Ethical Hacking and Cyber Security", organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar, held during 06 june-15 june, 2019.
l) One-week STC on "Next Generation Wireless Networks", organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar in collaboration with NITTTR Chandigarh, held during 29 april-3may 2019.
m) One-week National Workshop on "Essentials of Teaching-Learning Process and Research Methodology", Feb 04 – Feb 08, 2019 in Engineering organized by Department of Electrical Engineering at Rajkiya Engineering College Ambedkar Nagar.
n) One-week National Workshop on "MATLAB & Its Application", Jan 28 – Feb 01, 2019 in Engineering organized by Department of Electrical Engineering at Rajkiya Engineering College Ambedkar Nagar.
o) One-week National Workshop on "EVOLVING DRIFTS IN COMPUTER SCIENCE" (NWEDCS-2018), organized by Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar, held during 9th -13th July, 2018
p) One-week National Workshop on "Active Learning, Academic Governance and R&D", June 25 – June 29, 2018 organized by IIT Roorkee.
q) One-week STC on "ICT course on Scilab Programming", organized by Department of Electrical Engineering & Department of Information Technology, Rajkiya Engineering College Ambedkar Nagar in collaboration with NITTTR Chandigarh, held during 14th May –18th May, 2018.
r) One-week STC on "Laboratory and Workshop Management Issues" organized by Rajkiya Engineering College Ambedkar Nagar in collaboration with NITTTR Kolkata, held during 9th April–13th April, 2018.
s) "Advanced Engineering Optimization through Intelligent Techniques" organized by SVNIT, SURAT, Feb 6-10, 2017.

t) "Network Simulation (WNS-2016)" organized by MNNIT Allahabad, 28/9-2/10, 2016.
u) "FDP-2015" organized by SRMU Lucknow, July 6-11, 2015.

EXTRA-CURRICULAR ACTIVITIES/ ADMINISTRATION

- "Parivartan" committee's member
- CSI member
- IIC Cell Convener
- Website In-charge
- Hostel Warden
- Former Chairman of Council of Student Activities
- Former Guest House In-charge
- Member of anti-ragging committee
- Member of SC/ST Committee
- Member of Student Grievance Redressal Committee
- Departmental UG coordinator
- Departmental TEQIP-III coordinator

PERSONAL DETAILS

Nationality	Indian	Place of Birth	Rath (U. P.)
Date of Birth	20-jul-1990	Gender	Male
Father's Name	Mr. Jay Prakash Rajpoot	Mother's Name	Mrs. Sushma Rajpoot
Permanent Address	Atrollia, Rath (Hamirpur) U.P. Pin-210431	Permanent Contact No.	9670902128