Dr. Ashok Kumar Yadav
Asst. Prof. & Dean Academics,
Department of Information Technology,
Rajkiya Engineering College Azamgarh,
Deogaon, Azamgarh, UP, India**.**
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Experience

December 8, 2017-Onwards Working as Assistant Professor in Department of Information Technology, Rajkiya Engineering College, Azamgarh, UP, India.

July 20, 2015- December 7, 2017 Worked as Assistant Professor (On ad-hoc) in Department of Computer Science, University of Delhi New Delhi, India

Educational Qualification

2023 Ph.D. (Computer and Systems Sciences), School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi.

2014 M. Tech (Computer Science and Technology), School of Computer and Systems Sciences Jawaharlal Nehru University, New Delhi.

2011 B. Tech (Computer Science and Engineering), Ideal Institute of Technology, UP Technical University, Lucknow, Uttar Pradesh.

Area of Interest

Blockchain Technology, Multi Attribute Decision Making (MADM), Mobility Management in Mobile communication, Machine Learning.

Journal Publications

1. Yadav, Ashok Kumar, Karan Singh, Ali Ahmadian, Senthilkumar Mohan, Syed Bilal Hussain Shah, and Waleed S. Alnumay "EMMM: Energy-Efficient Mobility Management Model for Context-AwareTransactions over Mobile Communication." Sustainable Computing: Informatics and System*s*, Vol 30, 100499, doi.org/10.1016/j.suscom.2020.100499, Publication date: 2021/6/1 **(IF 4.50)**

2. A. K. Yadav, K. Singh, A. H. Amin, L. Almutairi, T. R. Alsenani, and A. Ahmadian, "A comparative study on consensus mechanism with security threats and future scopes: Blockchain," Computer Communications, Vol 201, 102-115, Jan. 2023, doi: 10.1016/j.comcom.2023.01.018**,** Publication date 2023/3/1 **(IF 6.00).**

3. Yadav, Ashok Kumar, Karan Singh, Pramod Kumar Srivastava, and Purnendu Shekhar Pandey. "I-MEREC-T: Improved MEREC-TOPSIS scheme for optimal network selection in 5G heterogeneous network for IoT." Internet of Things (2023): Volume 22, July 2023, 100748, doi.org/10.1016/j.iot.2023.100748, Publication date: 2023/7/1 **(IF 5.90)**

4. Yadav, Ashok Kumar, Karan Singh, Pramod Kumar Srivastava, Saipunidzam Mahamad, Abdullah Alghamdi, Dumitru Baleanu, and Ali Ahmadian. "ECCANS: Enhanced CRITIC-based Context-Aware Network Selection algorithm for 5G HetNet." Sustainable Energy Technologies and Assessments, Volume 60, (2023): 103477, doi.org/10.1016/j.seta.2023.103477, Publication date: 2023/12/1 **(IF 8.00)**

5. Yadav, Ashok Kumar, Karan Singh, and Pramod Kumar Srivastava. "Probabilistic estimation of comprehensive utility based on user preference and network condition for network selection in future in HetNet." The Journal of Supercomputing (2023): Volume 80, pages 4378–4400, doi.org/10.1007/s11227-023-05595-4, Publication date: 2023/9/13 **(IF 3.30)**.

6. Yadav, Ashok Kumar, Karan Singh, Noreen Izza Arshad, Massimiliano Ferrara, Ali Ahmadian, and Yehya I. Mesalam. "MADM-Based Network Selection and Handover Management in Heterogeneous Network: A Comprehensive Comparative Analysis." Results in Engineering,101918, Volume 21, March 2024, 101918 **(IF 5.00)**

7. Awasthi, Shashank, Pramod Kumar Srivastava, Naresh Kumar, Rudra Pratap Ojha, and Ashok Kumar Yadav. "A Study of the Dissemination of Malware and the Enhancement of the Lifespan of Rechargeable Wireless Sensor Networks: An Epidemiological Approach." SN Computer Science, Volume 4, Issue. 6 (2023): 851., doi.org/10.1007/s42979-023-02312-z, Publication date: 2023/11/8 **(Scopus)**

8. Jena, Soumya Ranjan, Ashok Kumar Yadav, Shrikant Patel, and C. H. M. H. Saibaba. "Analysis On Mobile Cloud Security and Comparison of Existing Models", Indian Journal of Computer Science and Engineering (IJCSE), Vol. 12 No. 3 May-Jun 2021, DOI: 10.21817/indjcse/2021/v12i3/211203065 **(Scopus)**

9. Yadav, Ashok Kumar, and Ramendra Kumar Bajpai. "KYC optimization using blockchain smart contract technology", International Journal of Innovative Research in Applied Sciences and Engineering (IJIRASE), Volume 4, Issue 3, DOI: 10.29027/IJIRASE.v4.i3.2020.669-674, September 2020, 669-674.

Conference Proceedings

1. Yadav, Ashok Kumar. "Significance of Elliptic Curve Cryptography in Blockchain IoT with Comparative Analysis of RSA Algorithm." In 2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS), pp. 256-262. IEEE, 2021, 10.1109/ICCCIS51004.2021.9397166. **(Scopus)**

2. Yadav, Ashok Kumar, and Karan Singh. "Comparative Analysis of Consensus Algorithms of Blockchain Technology." In Ambient Communications and Computer Systems, 1097, pp. 205-218. Springer, Singapore, 2020, doi.org/10.1007/978-981-15-1518-7_17. **(Scopus)**

3. Yadav, Ashok Kumar, and Karan Singh. "Enhanced Mobility Management Model for Mobile Communications." In Smart Innovations in Communication and Computational Sciences,Vol 1168 pp. 55-67. Springer, Singapore, 2020, doi.org/10.1007/978-981-15-5345-5_5. **(Scopus)**

4. Issues in Integration of Blockchain with IoT." In Smart Innovations in Communication and Computational Sciences, pp. 25-46. Springer, Singapore, 2020.

5. Gupta, Sangeeta, Y. Ramadevi, Ashok Kumar Yadav, and Chandra Shekhar Yadav. "Secure Blockchain with the Internet of Things (S-BIoT) for Modern World Applications." In Advances in Mechanical Engineering, pp. 607-618. Springer, Singapore, 2021, doi.org/10.1007/978-981-16-0942-8_57. **(Scopus)**

6. Yadav, Ashok Kumar, Ashutosh Pandey, and Shruti Singh. "Significance and Impact of Blockchain Technology in Education System." In Advances in Mechanical Engineering, pp. 597-605. Springer, Singapore, 2021, doi.org/10.1007/978-981-16-0942-8_56. **(Scopus)**

7. A. K. Yadav, H. Alam, V. K. Singh and A. Kumar, "Performance Analysis of Network Selection Technique for Handover Strategies in Heterogeneous 5G Network," 2022 IEEE World Conference on Applied Intelligence and Computing (AIC), Sonbhadra, India, 2022, pp. 818-824, doi: 10.1109/AIC55036.2022.9848989. **(Scopus)**

8. Yadav, Ashok Kumar, and Karan Singh. "The Influence of Different Weighting Methods on MADM Ranking Techniques and Its Impact on Network Selection for Handover in HetNet." In 2023 International Conference on Artificial Intelligence and Smart Communication (AISC), pp. 959-963. IEEE, 2023, 10.1109/AISC56616.2023.10085305. **(Scopus)**

9. Pandey, Ashwani Kumar, Abhinandan Tripathi, Ashok Kumar Yadav, and Shreya Yadav. "Voting System Based on Blockchain Technology Smart-Contracts." In International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology, pp. 121-129. Singapore: Springer Nature Singapore, 2022, doi.org/10.1007/978-981-99-1431-9_10. **(Scopus)**

10. Yadav, A.K., Kumar, D., Sangam and Srivastava, T., 2022, September. "Land Registry System Using Smart Contract of Blockchain Technology". In International Conference on Advances and Applications of Artificial Intelligence and Machine Learning (pp. 665-674). Singapore: Springer Nature Singapore, doi.org/10.1007/978-981-99-5974-7_53. **(Scopus)**

11. Jaiswal, Yash, Ayushi Maurya, Ashok Kumar Yadav, and Arun Kumar. "Patient-Centric Electronic Health Records Management System Using Blockchain Based on Liquid Proof of Stake." In International Conference on Worldwide Computing and Its Applications, pp. 25-33. Singapore: Springer Nature Singapore, 1997, doi.org/10.1007/978-981-99-5881-8_3/ **(Scopus)**

12. Yadav, Ashok Kumar, and Karan Singh. "Comparative analysis of consensus algorithms and issues in integration of blockchain with IoT." In Smart Innovations in Communication and Computational Sciences: Proceedings of ICSICCS 2020, vol 1168, pp. 25-46. Springer Singapore, 2021, doi.org/10.1007/978-981-15-5345-5_3. **(Scopus)**

Book Authored

1. Rajesh Kumar Dhanaraj, Soumya Ranjan Jena, Ashok Kumar Yadav, Vani Rajasekar, "Mastering Disruptive Technologies - Applications of Cloud Computing, IoT, Blockchain, Artificial Intelligence & Machine Learning", HP Hamilton Limited, U.K, 978-1913936235, 2021.

2. Ashok Kumar Yadav, Munesh Chandra Trivedi, "Blockchain Technology and Its Applications", techsar Pvt. Ltd. 4435-36/7, Ansari Road, Daryaganj New Delhi-110 002 (India), ISBN: 978-81-971909-2-6, 2024

Edited Book

1. Pramod Srivastava, Ashok Yadav, "Machine Learning Techniques and Industry Applications," IGI Global, Pages: 307 ISBN13: 9798369352717, EISBN13: 9798369352731, DOI: 10.4018/979-8-3693-5271-7, April, 2024

2. Pramod Srivastava, Ashok Yadav, "Methodologies, Frameworks, and Applications of Machine Learning," IGI Global, Pages: 296 ISBN13: 9798369310625, EISBN13: 9798369310632, DOI: 10.4018/979-8-3693-1062-5, March, 2024.

Book Chapters

1. Yadav, Ashok Kumar. "Comprehensive Study on Incorporation of Blockchain Technology with IoT Enterprises." In Opportunities and Challenges for Blockchain Technology in Autonomous Vehicles, pp. 22-33, 9781799832959, IGI Global, 2020.

2. Yadav, Ashok Kumar, and Karan Singh. "Significance of Elliptic Curve Cryptography in Blockchain IoT." In Cloud IoT, pp. 235-241. Chapman and Hall/CRC, 2022.DoI- 101201/9781003155577, ISBN-978-0-367-72617-1., 2023

3. Vineet Srivastava, Pramod Kumar Srivastava, Ashok Kumar Yadav, "Fractional Order Epidemiological Model of Fake Information Mitigation in OSNs With PINN, TFC, and ELM", Machine Learning Techniques and Industry Applications, IGI Global, DOI: 10.4018/979-8-3693-5271-7.ch009, pages 169-200, April, 2024, Pages: 32

List of Patents

1. Munesh Chandra Trivedi, Nikhil Debbarma, Ashok Kumar Yadav, "Sun Tracking Solar Pannel", Application Number:374934-001, Cbr Number:209203, Cbr Date:01/12/2022 21:40:00 **(Granted)**

2. D. Usha Vishal Kaushik, Soymya Ranjan Jena, Satyabrata Patro, Radha Krishnan Rambol, A Jay Shanker Singh, Naveen Kumar, Ashok Kumar Yadav, Soubraylu Sivakumar, Amara S A L G Gopala Gupta, "Efficient Assessment of Earthquake Damage Using Deep Learning" Publication date-2021/8/27 Application number-202111026776. **(Published)**

3. Munesh Chandra Trivedi, Tannistha Pal, Ashok Kumar Yadav "Emotion Recognition From Electroencephalography Signals Using RNN", Application No.202231067381 A, Publication Date: 02/12/2022. **(Published)**

4. Ashok Kumar Yadav, Radhe Shyam Dwivedi, Sanjay Kumar,Vijay Kumar, Amit Kumar Pandey, Shivendra Kumar Pandey, Vikas Patel,Prince Rajpoot, Pramod Kumar Srivastava, Vineet Srivastav, Sarad Verma, Tauseef Ahmad "An attendance control system with multiple authentication levels", Federal Republic Of Germany. Date of Publication of the entry in the Patent Gazette: 12/09/2022. **(Published)**

5. Soumya Ranjan Jena, Ashok Kumar Yadav, Rajesh Kumar Patjoshi "Cyber Crime Rate Prediction using Deep Learning and AI," registration number 1193891, Date of registration 06 June, 2022. **(Published)**

6. Deepak Kumar, Vijay Kumar, Pramod Kumar Srivastava, Pankaj Yadav, Sambhrant Srivastava, Ashok Kumar Yadav, "Modified Vehicle Smoke Cleaner", Application No. 202311071781, DATE OF FILING 20/10/2023, PUBLICATION DATE (U/S 11A) 24/11/2023. **(Published)**

List of Best paper Award

1. Best Paper Award for the paper entitled "Performance Analysis of Network Selection Technique for Handover Strategies in Heterogeneous 5G Network" in the 2022 IEEE World Conference on Applied Intelligence and Computing, 2022, held during June 17–19, 2022.

2. Best Paper Award in IEEE Young Professional Session in Three Days IEEE for the paper entitled "The Influence of Different Weighting Methods on MADM Ranking Techniques and Its Impact on Network Selection for Handover in HetNet" in the 2023 International Conference on Artificial Intelligence and Smart Communication (AISC), held during January 27-29, 2023.

List of Fellowship Award

1. Non NET Fellowship (M.Tech)
2. UGC-JRF Fellowship

Certificate of Appreciation

1. Appreciation for the efforts in implementing innovative, learning technology in pedagogy during 2018-19 in REC Azamgarh on occasion of teacher's day, September 5th, 2019.

2. Ashok Kumar Yadav has been honored as an NPTEL DISCIPLINE STAR in the realm of computer science and engineering by IIT Madras.

Workshop Speaker

1. Deliver a lecture on "The Future of Innovation: Emerging Trends and Technologies" at Government Polytechnic, Atraulia Azamgarh, in an Impact Lecture Series, sponsored by the Ministry of Education and AICTE, on July 9, 2024.

2. An eminent Speaker in one-week national workshop on "Machine Learning Models and Applications" on 22 February held during 19th to 23rd February 2021, organized by department of computer science and engineering, institute of engineering and technology, Dr. Rammanohar Lohia Avadh university, Ayodhya, Under TEQIP-III.

3. An eminent Speaker in one-week workshop on "Hands-on-Training on ANSYS & MATLAB" held during 17th to 21st February 2020, organized by REC Azamgarh under TEQIP-III.

4. An eminent Speaker in one-week workshop on "Current Trends in Integration of IoT with Blockchain" held during 11th to 15th March 2019, organized by Department of Information Technology, REC Azamgarh under TEQIP-III.

5. An eminent speaker for online workshop "Foundation of Data Science" from 11th September - 14 September, 2023 organized by TransStadia University, Ahmedabad.

Conference Presented/Attended

1. Participated and presented paper title with "Comparative Analysis of Consensus Algorithms of Blockchain Technology" in 4th International Conference on recent advance in computer, communication & computational science (RACCCS-2019) held at Aryabhatta college of engineering & research centre Ahmer, India during August 16-17, 2019.

2. Participated and presented paper title with "Significance of Elliptic Elliptic Curve Cryptography in Blockchain IoT" in 2nd International Conference on Networks and Cryptography (NETCRPT-2020) held at School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India during December 4-6, 2020.

3. Participated and presented paper title with "Significance and impact of Blockchain Technology in Education System" in International Congress on Advance in material Science and Engineering (CAMSE-2020) held in Virtual format in association with Shobhit University Gangoh and Technically Supported by STEM -Research Society and Dr, B. R. Ambedkar national Institute of Technology, Jalandhar, Panjab during December 28-30, 2020.

4. Participated and presented paper title with "Secure blockchain with Internet of Things (SBIoT)" in International Congress on Advance in material Science and Engineering (CAMSE-2020) held in Virtual format in association with Shobhit University Gangoh and Technically Supported by STEM -

Research Society and Dr, B. R. Ambedkar national Institute of Technology, Jalandhar, Panjab during December 28-30, 2020.

5. Participated and presented paper entitled "KYC Optimization using Blockchain Smart Contract Technology" in 1st Online International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic Opportunity and Challenges on May 02, 2020, organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA.

6. Participated and presented paper entitled "EDDS: Enhanced Drowsiness Detection System" in 1st Online International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges on May 02, 2020, organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA.

7. Participated and presented paper entitled "The Influence of Different Weighting Methods on MADM Ranking Techniques and Its Impact on Network Selection for Handover In HetNet" in Three-day International Conference on Artificial Intelligence and Smart Communication (AISC-2023) on January 27-29, 2023, organized by G.L. Bajaj Institute of Technology and Management, Greater Noida, Uttar Pradesh, INDIA.

8. Participated and presented paper entitled "Blockchain and Economic Crisis arising Due to Covid-19" in 1st Online International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges on May 03, 2020, organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA.

9. Participating in International Conference on Future Engineering (ICFE-2020), which is held virtually on June 26-27, 2020 at Ayodhya India. He/she has successfully presented his/her paper entitled-Is Integration of Blockchain with IoT Really Solve Security and Privacy Issues of IoT.

10. Participated and presented paper entitled "Possibility and Challenges of Integration of Blockchain with Green computing IoT" in Online International Conference on Advances in Computing, Communication and Control" (ICA3C-2020) on 16/06/2020, organized by School of Computer Science and Applications, IIMT University, Meerut, Uttar Pradesh, INDIA.

11. Presented a paper titled "Significance of Elliptic Curve Cryptography in Blockchain IoT with Comparative Analysis of RSA Algorithm" at IEEE International Conference on Computing, Communication, and Intelligent Systems (Co-Sponsored by IEEE) organized by School of Engineering and Technology, Sharda University, Greater Noida, Uttar Pradesh, India held on 19th-20th February 2021

12. Participated in Two-day AICTE national Conference on "Next Generation Computing Technologies and Their Role in National Development (NGCTND-2020) organized by Institute of Technology and Science, Mohan Nagar, Ghaziabad during August 21-22 2020.

13. Presented a paper titled "Performance Analysis of Network Selection Technique for Handover Strategies in Heterogeneous 5G Network" at 2022 IEEE World Conference on Applied Intelligence and Computing (AIC) organized by Rajkiya Engineering College Subhadra, India held on 17th-19th February 2022.

14. Presented a paper titled "Voting System Based on Blockchain Technology Smart-Contracts" at 4th International Conference on Sustainable and Innovative Solutions for Current Challenges in

Engineering and Technology (ICSISCET 2022) held at Madhav Institute of Technology & Science (MITS), Gwalior, India, from November 19 to 20, 2022.

15. Presented a paper titled "Patient-Centric Electronic Health Records Management System Using Blockchain Based on Liquid Proof of Stake" at World Conference on Artificial Intelligence: Advances and Applications (WCAIAA 2023) held at Sir Padampat Singhania University Technically Sponsored by Soft Computing Research Society, India, from March 18 to 19, 2023.

16. Presented a paper titled "Comparative analysis of consensus algorithms and issues in integration of blockchain with IoT" at International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS 2020) held at Dr. RML Avadh University, India, from February 27 to 28, 2020

17. Presented a paper titled "Enhanced Mobility Management Model for Mobile Communications" at International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS 2020) held at Dr. RML Avadh University, India, from February 27 to 28,

Certification Course

1. Certification course on "Introduction to Automata, Languages and Computation" by NPTEL with 88%, during Jan-Ap, 2019r (12 Week Course) offered by IIT Kharagpur.

2. Certification course on "Compiler Design" by NPTEL with 75%, during Jan-Apr, 2019 (12 Week Course) offered by IIT Kharagpur.

3. Certification course on "Computer Networks and Internet Protocol" by NPTEL with 73%, during Jan-Apr, 2020 (12 Week Course) offered by IIT Kharagpur.

4. Certification course on "Introduction to Algorithms and Analysis" by NPTEL with 87%, during Sep-Dec, 2020 (12 Week Course) offered by IIT Kharagpur

5. Certification course on "Problem Solving through Programming in C" by NPTEL with 80%, during July-Oct, 2019 (12 Week Course) offered by IIT Kharagpur

Workshop On UHV

1. Participated and successfully completed the 5-day online UHV-I FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 21st March, 2022 to 25th March, 2022.

2. Participated and successfully completed the 6-day online UHV-II FDP organized by All India Council for Technical Education (AICTE) from 13th June to 18th June 2022

Subject Taught

Session 17-18 (Even Sem)
1. RCS403 Theory of Automata and Formal Languages (3-1-0- 4)
2. RCS453 TAFL Lab (0-0-2-1)
3. NCS601 Computer Networks (3-1-0-4)
4. NCS651 Computer Networks Lab (0-0-3-1)

Session 18-19 (Odd Sem)
1. KCS302 Computer Organization and Architecture (3-1-0-4)
2. KCS352 Computer Organization Lab (0-0-2-1)
3. RCS-502 Design and Analysis of Algorithm (3-1-0-4)

4. RCS-552 Design and Analysis of Algorithm Lab (0-0-2-1)

Session 18-19 (Even Sem)
1. RCS403 Theory of Automata and Formal Languages (3-1-0- 4)
2. RCS453 TAFL Lab (0-0-2-1)
3. RCS-602 Compiler Design (3-1-0-4)
4. RCS-652 Compiler Design Lab (0-0-2-1)

Session 19-20 (Odd Sem)
5. KCS302 Computer Organization and Architecture (3-1-0-4)
6. KCS352 Computer Organization Lab (0-0-2-1)
7. RCS-502 Design and Analysis of Algorithm (3-1-0-4)
8. RCS-552 Design and Analysis of Algorithm Lab (0-0-2-1)

Session 19-20 (Even Sem)
5. RCS403 Theory of Automata and Formal Languages (3-1-0- 4)
6. RCS453 TAFL Lab (0-0-2-1)
7. RCS-601 Computer Networks (3-0-0-3)
8. RCS-651 Computer Networks Lab (0-0-2-1)

Session 20-21 (Odd Sem)
1. KCS302 Computer Organization and Architecture (3-1-0-4)
2. KCS352 Computer Organization Lab (0-0-2-1)
3. RCS-502 Design and Analysis of Algorithm (3-1-0-4)
4. RCS-552 Design and Analysis of Algorithm Lab (0-0-2-1)

Session 20-21 (Even Sem)
1. RCS403 Theory of Automata and Formal Languages (3-1-0- 4)
2. RCS453 TAFL Lab (0-0-2-1)
3. RCS-601 Computer Networks (3-0-0-3)
4. RCS-651 Computer Networks Lab (0-0-2-1)

Session 21-22 (Odd Sem)
1. KCS302 Computer Organization and Architecture (3-1-0-4)
2. KCS352 Computer Organization Lab (0-0-2-1)
3. RCS-502 Design and Analysis of Algorithm (3-1-0-4)
4. RCS-552 Design and Analysis of Algorithm Lab (0-0-2-1)

Session 21-22 (Even Sem)
1. RCS403 Theory of Automata and Formal Languages (3-1-0- 4)
2. RCS453 TAFL Lab (0-0-2-1)
3. RCS-601 Computer Networks (3-0-0-3)
4. RCS-651 Computer Networks Lab (0-0-2-1)

Session 22-23 (Odd Sem)
1. KCS302 Computer Organization and Architecture (3-1-0-4)
2. KCS352 Computer Organization Lab (0-0-2-1)
3. RCS-502 Design and Analysis of Algorithm (3-1-0-4)
4. RCS-552 Design and Analysis of Algorithm Lab (0-0-2-1)

Session 22-23 (Even Sem)
1. KCS401 Operating Systems (3-0-0-3)
2. KCS451 Operating Systems Lab (0-0-2-1)
3. KIT -061 Blockchain Architecture Design (3-0-0-3)

Session 23-24 (Odd Sem)
1. BCS302 Computer Organization and Architecture (3-1-0-4)
2. BCS352 Computer Organization and Architecture Lab (0-0-2-1)
3. KCS-055 Machine Learning Techniques (3-0-0-3)
4. DAA Lab

Session 23-24 (Even Sem)
1. BCS402 Theory of Automat and Formal Languages (3-1-0-4)
2. KIT -061 Blockchain Architecture Design (3-0-0-3)
3. KCS-651 Computer Networks Lab (0-0-2-1)
4. OOPs Lab

List of B.Tech Project Supervised

1. Mr. Ramendra Kumar Bajpai and Mr. Ravi Anand, "KYC Optimization using Blockchain Smart Contract Technology" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 13/08/2020

2. Mojammil Husain, Raghvendra Singh and Sandeep Kr Prajapati, "Driver Drowsiness Detection" submitted by to the Rajkiya Engineering College Azamgarh, affiliated to Dr. A.P.J. Abdul Kalam Technical University, 13/08/2020

3. Aditya Dubey Dalchandra Sharma, Azharuddin Ansari, Mahvish Qamar, "Expert Doctor" submitted by to the Rajkiya Engineering College Azamgarh, Dr. A.P.J. Abdul Kalam Technical University, 13/08/2020

4. Anamay Tripathi, Ayush Garg, Bhavrendra, Muskan Quraishi, "Comprehensive Analysis of Consensus Algorithm Based on MADM Technique", submitted by to the Rajkiya Engineering College Azamgarh, Dr. A.P.J. Abdul Kalam Technical University, 02/06/2023

5. Miss Mohini Singh, Mr. Arvind Kumar, and Mr. Alok Kumar Singh, "presentSir" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2022

6. Hasnain Alam, Vinay Kumar Singh and Ashwani Kumar, "Hybrid Optimal Network Selection Scheme in Heterogeneous Network" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2022

7. Mr. Dheeraj Kumar, Mr. Sangam and Miss. Tanya Srivastava, "Land Registry System using Blockchain" submitted by to the Rajkiya Engineering College, Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2022

8. Miss Juli Kumari, Miss Preeti and Miss Shreya Yadav, "Online Voting Machine Using Blockchain Technology" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2022

9. Miss Shrjal Chaudharu, Aman Gupta, Ashish Mishra, Rahul Kumar Chandel, "Impact of Consensus Parameters in Development of Decentralized Applications" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2023

10. Miss Muskan Khurasi, Bhavendra, Ayush Garg, Anmay Tripathi, "Comprehensive Analysis of Consensus Algorithm based on MADM Techniques" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2023

11. Amit Kumar, Mansi Yadav, Rajat Kumar Yash Jaiswal, "An Improved Solution for Decentralised Storage and Access Control of Electronic Medical Records" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 02/06/2023

12. Priya Bharti, Varsha, "Online Shopping System" submitted by to the Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University, 31/05/2018

13. Miss Shruti Singh, Mr. Ashutosh Pandey and Mr. Durgesh Yadav, "Educhain" submitted by tothe Rajkiya Engineering College Azamgarh affiliated to Dr. A.P.J. Abdul Kalam Technical University 31/08/2021

Annual Sports Fest Conducted

1. Organizing Three days VIRAAJ 2k18 (Annual Sports Fest) held on 22-24 march 2018 at REC Azamgarh.

Workshop/FDP/STC Conducted

1. Conducted NASSCOM Training (Lecture & Lab) of 60 Hr duration on "Blockchain Technology" Sponsored by TEQIP-III during 08th August to 12th October, 2020 at REC Azamgarh.

2. Mr. Ashok Kumar Yadav as coordinator has given his valuable contribution in Faculty Development Programme (online mode) on "Innovative Trends and Techniques in Computer Science" organized by Department of Information Technology, Rajkiya Engineering College, Azamgarh from 20th to 21st April, 2020 under TEQIP-III.

3. Mr. Ashok Kumar Yadav as coordinator/Speaker on one week workshop on "Current Treads in Integration of IoT with Blockchain Technology" held From March 11-15, 2019, at Rajkiya Engineering College Azamgarh, under TEQIP-III

4. Mr. Ashok Kumar Yadav as coordinator/Speaker on one week workshop on "Big Data Analysis Using Hdoop" held From October 09-13, 2018, at Rajkiya Engineering College Azamgarh, under TEQIP-III

FDP/Refresher Course

1. Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. This is to certify that Mr. Ashok Kumar Yadav of Department of Information Technology; Rajkiya Engineering College; Azamgarh; UP; India successfully completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from February 11 - March 13, 2021 and obtained Grade A+.

2. Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching This is to certify that Ashok Kumar Yadav of Department of Information Technology, Rajkiya Engineering College, Deogaon, Azamgarh, UP successfully completed a 2-Week Faculty Development Programme on "Managing Online Classes and Co-Creating MOOCs 3.0" from July 25 - August 10,2020 and obtained grade A+

3. Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching This is to certify that Ashok Kumar Yadav of Department of Information Technology, Rajkiya Engineering College, Deogaon, Azamgarh, UP successfully completed a 2-Week Interdisciplinary Course Refresher/ FDP on "Advance Research Methodology Tool Techniques" from January 30 - February 14,2021 and obtained grade A+

4. Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching This is to certify that Mr. Ashok Kumar Yadav of Department of Information Technology, Rajkiya Engineering College Azamgarh, UP, India successfully completed one Week Faculty Development Programme on "Systematic Literature Review And Meta - Analysis" from December 07- December 13, 2020 and obtained a grade A+.

Professional Training Received/ Short Term Course Attended

1. Ashok Kumar Yadav has successfully completed 6 Weeks (60 hours) Live Online Industrial Training on Machine Learning and Artificial Intelligence held on 22nd May - 30th June 2023 Organized by EduLakes Solutions LLP in Association with National Service Scheme (NSS) - IIT Roorkee

2. Ashok Kumar Yadav has successfully completed 6 Weeks (60 hours) Live Online Summar Industrial Training on AI, Machine Learning, Deep Learning, Computer Vision, NLP, Chat GPT with Python held on 31st July - 19th September 2023 Organized by EduxLabs (Esoir Business Solutions LLP) in Association with Mechanica- IIT Madars

3. Ashok Kumar Yadav has successfully completed 10 days (35 hours) Live Online Short Training on Blockchain Technology and Its Applications held on 25th August - 13th September 2020 Organized by EduxLabs (Esoir Business Solutions LLP)

4. Ashok Kumar Yadav has successfully completed 10 days (30 hours) Live Online Short Training on NLP, Web Scraping, Recommendation System using Deep Learning held on 31th August - 10th Augus, 2020 Organized by EduxLabs (Esoir Business Solutions LLP)

5. Completion of Two-Week Course on Digital Transformation in Teaching Learning Process during march 16th-30th, 2020 organized by IIT Bombay under TEQIP.

6. Ashok Kumar Yadav has participated in the Two Week Online Short-Term Training Programme on Research Methodology, held during July 06-18, 2020, organized by, Department of Computer Science & Engineering and Department of Electronics & Communication Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA.

7. Ashok Kumar Yadav, participated in course on "Entrepreneurship, Innovation and Incubation (IE2)" During July 8-July 12, 2019, Under the "Knowledge Incubation Under TEQIP (KITE) Initiative of the MHRD Govt. of India at IIT Bombay.

8. Participated in one-week STTP program on "IoMT: IoT and Medical technologies" Sponsored by TEQIP-III organized by Department of Information technology GCE Karad and REC Azamgarh during 11-15th December 2018.

9. Ashok Kumar Yadav from Rajkiya Engineering College Azamgarh Uttar Pradesh, Vill Akbalpur, Post Devgaon, Azamgarh participated in the 4-days Online Course on Examination Reforms conducted during 29 April to 2 May 2020 organized by AICTE.

10. Ashok Kumar Yadav, participated in STTP under AICTE-AQIS on "Artificial Intelligence and 5G Communication Technology" organized by Department of Electronics and Communication Engineering Poornima College of Engineering Jaipur Held on October 26-31, 2020

11. Ashok Kumar Yadav has participated in the 5 Days Instructor Led Live Online Short-Term Training Program on Blockchain Technology held during 18th- 22nd May 2020 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee

FDP Attended

1. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Computer Science & Biology" from 2020-11-23 to 2020-11-27 at Jawaharlal Nehru University.

2. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Blockchain" from 2020-12-15 to 2020-12-19 at The National Institute of Engineering.

3. Participated & completed successfully 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.

4. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Blended/Hybrid FDP on "Wireless Sensor Network and Internet of Things: Theoretical and Practical Approach" from 2022-12-19-2022-12-24 to 2022-12-30-2023-01-03 at Jawaharlal Nehru University.

5. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Block chain" from 11-05-2020 to 15-05-2020 at Punjab Engineering College (Deemed to be University).

6. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Computer Science & Biology" from 2020-11-23 to 2020-11-27 at Jawaharlal Nehru University.

7. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Blockchain" from 2020-12-15 to 2020-12-19 at The National Institute of Engineering.

8. Participated & completed successfully Two-week FDP on "Python" from 22 June to 04 Jully, 2020, jointly organized by department of electronics and communication engineering JSS academy of technical education Noida and spoken tutorial project IIT Bombay funded by National mission on education through ICT, MHRD government of India.

9. Participated & completed successfully 5 days FDP on "Block Chain and Its Applications" from 15-19 September, 2020, organized by Poornima Institute of Engineering & Technology, Jaipur.

10. Participated in the One Week Online Faculty Development Program on "Network & IoT Simulation Platforms" under Technical Education Quality Improvement Program (TEQIP-III) Organized by Department of Information Technology During 27th – 31st August, 2020

11. participated in the One Week Online Faculty Development Programme on "Blockchain & It's Applications" organized by Departments of Information Technology of GMR Institute of Technology, Rajam in collaboration with Brain O Vision Solutions India Pvt. Ltd. and in association with ACM during June 10 - 15, 2020.

12. Participated in "A One Week National Level Faculty Development Program on Advanced Wireless Communications and Networks" during 17th to 22nd August 2020.

13. Participated in the online "National Instructional Workshop On Cryptology" organised by School of Computer and Systems Sciences, JNU, New Delhi in association with CRSI from 22-07-2020 to 26-07-2020.

14. TEQIP-III Sponsored Five Days Workshop cum Faculty Development Program on "DATA SCIENCES" May 04-08, 2020 Jointly organized by KNIT Sultanpur & MNNIT Allahabad, Prayagraj.

15. Participated and successfully completed Two Weeks Instructor Led Live Online Faculty Development Program on Internet of Things (IOT) Using Amazon AWS held during 19th - 30th October 2020 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee

16. Participated in Five days FDP on "Application of Optimization methods in Engineering" At REC Azamgarh held on August 5-9, 2019 under TEQIP-III.

17. Participated in Five days FDP on "Total Quality management" at REC Azamgarh held on June 4-8, 2018 under TEQIP-III.

Work as Reviewer

1. Contributed as Reviewer for "Information processing & management"
2. Contributed as Reviewer for "International Journal of multidisciplinary Research and Explorer"
3. Contributed as Reviewer for "Journal of Engineering Research and Science"
4. Contributed as Reviewer in International Conference on "Smart innovations in Communications and Computational Sciences ICSICCS-2018" Devi Ahilya Vishwavidyalaya Indore, MP, India, during 28-29 April 2018.
5. Contributed as Reviewer in International Conference on "Computational Intelligence, Security & IoT (ICCISIoT-2019)" NIT, Agartala, India, during 13-14 December 2019.
6. Contributed as TPC and Reviewer in International Conference on "Sustainable and Innovative Solution for Current Challenges in Engineering & Technology" organized by Madhav Institute of technology & Science, Gwalior, India, during 19-20 November 2022.
7. Contributed as TPC and Reviewer in International Conference on "Computational Performance Evaluation (ComPE)" Department of Biomedical Engineering, North-Eastern Hill University (NEHU), Shillong, Meghalaya, India, during 01-03 December 2022.

Research ID

1. Scopus ID: 57215781101
2. Google Scholar ID: uamcykUAAAAJ

3. ORCID ID: https://orcid.org/0000-0002-7822-5870

Profession Membership

Annual Membership of Soft Computing Research Society since 2022-07-12 and is valid till 2023-07-11, Membership No. 2022-07-12-3289.

Administrative Work

1. Dean Academics
2. In charge Computer Centre
3. Dean Value Education Cell
4. Departmental NBA Coordinator
5. Chairman of Admission committee
6. BoG nominee for Central Purchase Committee
7. BoS in Information Technology, GCE Karad
8. Departmental GATE Coordinator under TEQIP-III
9. O/C Security
10. Member of building distribution committee
11. Member of Central Moderation committee
12. Member of Training and Placement Cell
13. Coordinator of Development of a standard model for tracking of student progress