

CURRICULUM VITAE

Dr. CHANDRASHEKHAR AZAD

Gold Medalist (Best Master Degree in Professional Courses, Ranchi Univ.)

Ph.D. (BIT Mesra), MCA (Ranchi Univ.)

UGC NET (Computer Science and Applications)

GATE (Computer Science and Information Technology)

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OBJECTIVE:

To work with an organization where I can make a meaningful contribution towards the growth of organization and at the same time enhance my own skill in order to evolve as a better professional.

CURRENT STATUS:

- Assistant Professor, Department of Computer Applications, NIT Jamshedpur

WORK EXPERIENCE:

- Assistant Professor in the Department of Computer Applications, NIT Jamshedpur (Since 1st June, 2018).
- Temporary Faculty in the Department of Computer Applications, NIT Jamshedpur (Since 31st July, 2017 to 31st May 2018).
- Adhoc Faculty in the Department of Computer Applications, NIT Jamshedpur (21st July, 2016 to 20th July, 2017). (1 Year)
- Adhoc Faculty in the Department of Computer Applications, NIT Jamshedpur (20th July, 2015 to 19th July, 2016). (1 Year)
- Worked as Teaching Assistant (Computer Science) in Centre for Applied Mathematics, Central University of Jharkhand, Brambe, Ranchi (15th September, 2011 to 25th August 2012). (11 Month)
- Engaged Tutorials and Lab classes at UG and PG level at BIT, Mesra September 2012 to July 2015. (2 Years 10 Months)

Ph.D. Thesis:

- Title: “Analysis and Design of Intrusion Detection System Using Data Mining Techniques for Computer Network”.
- Institute: Birla Institute of Technology Mesra, Ranchi, Jharkhand
- Supervisor Name: Dr. Vijay Kumar Jha, Associate Professor

RESEARCH INTRESTS:

- Data Mining
- Intrusion Detection System
- Medical Mining
- Machine Learning
- Text Mining
- Feature Selection
- Deep Learning

SUBJECT INTRESTS:

- C Programming
- Database Management System
- Artificial Intelligence

- Data Mining and Warehousing
- Data Communication and Computer Network
- Database Security
- Machine Learning

STRENGTHS:

- Good Programming skills.
- Comprehensive problem solving abilities.
- Positive attitude towards life and believe in team work.
- Good Communication and Analytical Skills.
- Perseverance and fast learning ability.

SOFTWARE PROFICIENCY:

- Operating System MS Dos, Windows, Linux, Unix.
- Programming Languages C, C++, COBOL, Visual Basic, Java, C#, Python.
- Database Ms-Access, Oracle, SQL-Server.
- Package Ms – Office, Open Office
- Web Technologies HTML, CSS, Java Script, ASP.Net.
- Research based Tools MATLAB, Weka, Rapid Miner, Keel.

ACADEMIC PROJECTS:

- (1) Project Name: Co-Operative Store.
 Organization: Usha martin Ltd.
 Technologies Used: Visual Basic & Ms-Access.
- (2) Project Name: Employee Information System.
 Organization: Ranchi College Ranchi.
 Technologies Used: Java & Oracle.
- (3) Project Name: Library Management System.
 Organization: Dept. Of Mathematics, Ranchi University, Ranchi.
 Technologies Used: C# and SQL server.
- (4) Project Name: Campus Management System.
 Organization: Synchronous Software Solution, Ranchi.
 Technologies Used: Asp.Net and SQL server.

ACADEMIC QUALIFICATIONS:

- **Ph.D.:** BIT Mesra, Ranchi (India), 2017
- **M.C.A.:** Ranchi University, Ranchi (India), 2011, (Best Master Degree in Professional Courses)
- **B.Sc.CA(H):** Ranchi University, Ranchi (India), 2007
- **Intermediate (Science):** St. Xavier's College Ranchi (India), (J. A. C. Ranchi), in 2004
- **Matriculation:** J.S.E.B. Ranchi(India), in 2002

TRAINING:

- 30 Day on Job Training at USHA Martin Ltd. Tatisilway, Ranchi
- 30 Day's on Job-Training in ARTTC BSNL, Ranchi.
- 6th months Diploma in computer application (DCA).
- 6th month Diploma in Desktop Publication (DTP).
- 3 Months ASP.Net Training from Synchronous Software Solution, Ranchi.

ACHIEVEMENTS:

- Gold Medal for Best Master Degree in Professional Courses, 2011 Ranchi University Ranchi.
- Topper of Master of Computer Applications (MCA), 2011 Ranchi University, Ranchi.
- Scored Distinction Marks in B.Sc. Computer Applications.
- School Topper in Matriculation.
- In 34th National Games 2011 participated as a Lawn Bowls Technical Officials.
- Selected as an Institute Fellow (for PhD) in 2012, Birla Institute of Technology, Mesra, Ranchi (Jharkhand).
- Qualified GATE (Computer Science and Information Technology) in 2012.
- Qualified UGC NET (Computer Science and Applications) in 2015.
- Awarded Young Faculty in Computer Applications by Venus International Foundation, 2020.

SHORT TERM COURSES/WORKSHOPS/SEMINARS/CONFERENCES:

1. Attended seminar on RTI organized by Jharkhand RTI Forum in association with Federation of Jharkhand Chamber of Commerce & Industries at Ranchi in 2010.
2. A Two Days Workshop on Applications of MATLAB in Engineering, Birla Institute of Technology, Patna Campus from January 19th to January 20th, 2013.
3. A one week Workshop on Intrusion detection tools and techniques in National Institute of Technology, Hamirpur (Himachal Pradesh) from March 21st march 2013 to March 25th 2013.
4. A one week Workshop on Basics of MATLAB in Birla Institute of Technology, Mesra, Ranchi (Jharkhand) in 2013.
5. A One Week Short Term Training Program On Applications of Artificial Intelligence Techniques In Engineering and Research 23-27, September, 2013 Sponsored by TEQIP PHASE-II.
6. Participated as a Teaching Assistant in a Two Week ISTE Workshop on Computer Networking Conducted by IIT Bombay Under the National Mission on Education Through ICT (MHRD, Govt. of India) 30th June-5th July, 2014.
7. Attended Text Mining workshop organized by ACM student chapter ISI Kolkata & Indian Statistical Institute from January 6th to 8th, 2014.
8. Attended 1st International Conference on Nano Electronics Circuits & Communication Systems (NCCS) in 2015 organized by Institutions of Engineers & Telecommunication Engineers (IETE) and Indian Society for VLSI Education (ISVE) at ARTTC, BSNL Ranchi (Jharkhand).
9. 2nd International Conference on Microelectronics Computing & Communication Systems (MCCS-2017) organized by Indian Society for VLSI Education & IETE Ranchi Centre at ARTTC, BSNL, Ranchi, Jharkhand

RESEARCH PAPERS:

1. Chandrashekhara Azad, Sumit Agrawal and Vijay Kumar Jha. (2013). Security, Privacy and Accountability in Wireless Network: A Review. International Journal of Engineering Research and Technology Engineering. ISSN: 2278-0181. Volume 2 Issue 7. pp.399-408.
Indexed in Scirus.

2. Chandrashekhar Azad and Vijay Kumar Jha. (2013). Data Mining in Intrusion Detection: A Comparative Study of Methods, Types and Data Sets. International Journal of Information Technology and Computer Science (IJITCS). Volume 5 issue 8.75-90. pp.75-90. **Indexed in SCIRUS, INSPEC(IET). DOI: 10.5815/ijitcs.2013.08.08**
3. Chandrashekhar Azad, Sanjay Jain and Vijay Kumar Jha (2014). Design and Analysis of Data Mining Based Prediction Model for Parkinson's disease. International Journal of Computer Science Engineering (IJCSE). ISSN: 2319-7323. Volume 3 Issue 3.pp.181-189.**Indexed in DBLP.**
4. Sanjay Jain, Chandrashekhar Azad and Vijay Kumar Jha. (2014). STEEL FAULTS DIAGNOSIS USING PREDICTIVE ANALYSIS. International Journal of Computer Engineering and Applications. ISSN: 23213469. Volume 4 issue 2/3.pp. 69-78.**Indexed in DBLP.**
5. Chandrashekhar Azad and Vijay Kumar Jha. (2014). Data Mining based Hybrid Intrusion Detection System. Indian Journal of Science and Technology. ISSN: 0974-6846(Print), ISSN: 0974-5645(Online). Volume 7 issue 6. 781-789.pp. 781-789. **Indexed in Scopus and ISI (Thomson Reuters).**
6. Chandrashekhar Azad and Vijay Kumar Jha. (2015).Democracy Inspired Computer Network Intrusion Detection System Using Ensemble of Decision Tree Classifiers. International Journal of Applied Engineering Research (IJAER). ISSN 0973-4562(Print), ISSN 1087—1090(Online). Volume 10 Issue3 . pp.7109-7124. **Indexed in Scopus.**
7. Chandrashekhar Azad and Vijay Kumar Jha. (2014).An Ensemble Classifiers based Prediction model for Diagnosis of Parkinson's Disease. IT Floors "A journal Mapping Lanes of Information Technology. ISSN: 22779639. Volume 3. Issue I & II. Pp.7-16.
8. Chandrashekhar Azad and Vijay Kumar Jha (2016) A Novel Fuzzy Min-Max Neural Network and Genetic Algorithm-Based Intrusion Detection System. In: Satapathy S., Raju K., Mandal J., Bhateja V. (eds) Proceedings of the Second International Conference on Computer and Communication Technologies. Advances in Intelligent Systems and Computing, vol 380.pp. 429-439. Springer, New Delhi. **Indexed in ISI Proceedings, SCOPUS, and Springer link.**
9. Chandrashekhar A., Vijay Kumar J. (2017) Fuzzy Min-Max Neural Network-Based Intrusion Detection System. In: Nath V. (eds) Proceedings of the International Conference on Nano-electronics, Circuits & Communication Systems. Lecture Notes in Electrical Engineering, vol 403.pp 191-202. Springer, Singapore. **Indexed in SCOPUS and Springer link.**
10. Chandrashekhar Azad and Vijay Kumar Jha. (2015). Genetic algorithm to solve the problem of small disjunct in the decision tree based intrusion detection system. International Journal of Computer Network and Information Security (IJCNIS). ISSN: 2074-9090 (Print), ISSN: 2074-9104 (Online).Volume 7 Issue 8. PP: 56-71.**Indexed SCIRUS, INSPEC(IET).**
11. Suchi Kumari, Vijay Kumar Jha, and Chandrashekhar Azad. (2015). COMPARITIVE STUDY OF DATA MINING TECHNIQUES FOR INTRUSION DETECTION SYSTEM.

12. Chandrashekhar Azad and Vijay Kumar Jha. (2016). Fuzzy Min-Max Neural Network and Particle Swarm Optimization based Intrusion Detection System. *Microsystem Technologies*, Springer. ISSN: 0946-7076 (Print) 1432-1858 (Online). **Indexed in Scopus, SCI.**
13. Azad C, Jha VK. Decision tree and genetic algorithm based intrusion detection system. In *Proceeding of the Second International Conference on Microelectronics, Computing & Communication Systems (MCCS 2017) 2019* (pp. 141-152). Springer, Singapore. **Indexed in Scopus.**
14. Avinash Dubey, Ashok Kumar Mehta, and Chandrashekhar Azad, A Novel Approach for Information Security in Hadoop, (2017). *International Journal of Computer & Mathematical Sciences (IJCMS)*, E Volume 6, Issue 6, ISSN 2347 – 8527, pp.:42-47.
15. Chandrashekhar Azad, Ashok Kumar Mehta, and Vijay Kumar Jha, Improved data classification using Fuzzy Euclidean Hyperbox Classifier, *IEEE International Conference on Smart Computing and Electronic Enterprise 2018*, Al-Madinah International University, Malaysia. **Indexed in Scopus.**
16. Azad C, Mehta AK, Jha VK. Evolutionary Decision Tree-Based Intrusion Detection System. In *Proceedings of the Third International Conference on Microelectronics, Computing and Communication Systems 2019* (pp. 271-282). Springer, Singapore. **Indexed in Scopus.**
17. Singh P, Azad C, Mehta AK. Intrusion Detection System Using Classification Approach In Data Mining. *International Journal of Advanced Research in Computer Science*. 2018 Jul 1;9(4).
18. Kumar P., Saroj S., Kumar S., Azad C. (2021) Automated Monitoring and Regulation of User-Friendly Greenhouse Using Arduino. In: Nath V., Mandal J.K. (eds) *Proceedings of the Fourth International Conference on Microelectronics, Computing and Communication Systems*. Lecture Notes in Electrical Engineering, vol 673. Springer, Singapore.
19. Adhikary D.R.D., Tripathy S., Mallick D.K., Azad C. (2020) A Clustering Mechanism for Energy Efficiency in the Bottleneck Zone of Wireless Sensor Networks. In: Mishra D., Buyya R., Mohapatra P., Patnaik S. (eds) *Intelligent and Cloud Computing*. Smart Innovation, Systems and Technologies, vol 194. Springer, Singapore. **(Best Paper Award) Indexed in Scopus.**
20. Jha, Saurabh, Ashok Kumar Mehta, and Chandrashekhar Azad. "A fuzzy logic based approach for prediction of basal cell carcinoma and squamous cell carcinoma among the data of skin cancer." *EAI Endorsed Trans. Pervasive Health Technol.* 6.22 (2020): e3. **Indexed in Scopus.**
21. Azad, Chandrashekhar, Ashok Kumar Mehta, Dindyal Mahto, and Dharmveer Kumar. "Support Vector Machine based eHealth Cloud System for Diabetes Classification." *EAI Endorsed Trans. Pervasive Health Technol.* 5.20 (2020): e4. **Indexed in Scopus.**

22. Dhal P, Azad C. A novel approach for blood vessel segmentation with exudate detection in diabetic retinopathy. In 2020 International Conference on Artificial Intelligence and Signal Processing (AISP) 2020 Jan 10 (pp. 1-6). IEEE. **Indexed in Scopus.**
23. Jha S, Mehta AK, Azad C. A Fuzzy Logic Based Approach for Prediction of Squamous Cell Carcinoma. *Soft Computing: Theories and Applications: Proceedings of SoCTA 2019*.:325. **Indexed in Scopus.**
24. Y. Dharmveer, Azad C., Bala K., Sharma PK, Kumar S., Genetic Algorithm and Naïve Bayes (GANB) based Diabetes Mellitus prediction System, Proceedings of the 5th International Conference on Microelectronics Computing & Communication Systems (MCCS-2020), ARTTC BSNL Ranchi, 2020. **Indexed in Scopus.**
25. Gulati, Prerna, Aditi Sharma, Kartikey Bhasin and Chandrashekhar Azad, Approaches of Blockchain with AI: Challenges & Future Direction (May 14, 2020). Proceedings of the International Conference on Innovative Computing & Communications (ICICC) 2020, Available at SSRN: <https://ssrn.com/abstract=3600735> or
26. Bhat, Krishnaraj, Dindayal Mahto, Dilip Kumar Yadav, and Chandrashekhar Azad. "Image Security Using Hyperchaos and Multidimensional Playfair Cipher." *Security and Privacy: Select Proceedings of ICSP 2020*: 93. **Indexed in Scopus.**
27. Yadav D.K., Dutta S., Azad C. (2020) Study and Analysis of Test Case Prioritization Technique. In: Nath V., Mandal J. (eds) *Nanoelectronics, Circuits and Communication Systems. Lecture Notes in Electrical Engineering*, vol 692. Springer, Singapore. **Indexed in Scopus.**
28. Yadav D.K., Azad C., Bala K., Sharma P. K. (JAN 2021). Genetic Algorithm and Gaussian Radial Basis Function Network (GAGRBFN) Based Diabetes Mellitus Prediction System. The 2nd International Conference on Advances in Distributed Computing and Machine Learning (ICADCML-2021).
29. Dhal, Pradip, Chandrashekhar Azad, A multi-objective feature selection method using Newton's law based PSO with GWO, (2020). *Applied Soft Computing*, Elsevier's, 107, 107394. **SCI, Scopus.**
30. Chandrashekhar Azad, Bhushan B, Sharma R, Shankar A, Singh KK, Khamparia A. Prediction model using SMOTE, genetic algorithm and decision tree (PMSGD) for classification of diabetes mellitus. *Multimedia Systems*. 2021 Jun 6:1-9. **Indexed in SCI, Scopus.**
31. Dhal, Pradip, Chandrashekhar Azad. A comprehensive survey on feature selection in the various fields of machine Learning (**Accepted**), *Applied Intelligence*, Springer (**Accepted**) **Indexed in SCI, Scopus.**
32. Sumit Sharma and Chandrashekhar Azad, A hybrid approach for feature selection based on global and local optimization for email spam detection, 12th International Conference on

Computing Communication and Networking Technologies, IIT Khargpur, West Bengal, India .(**Accepted**).

33. Amardeep Kumar and Chandrashekhar Azad, An approach to detect DDoS Attack in Application Layer using Machine Learning, IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT – 2021), .(**Under Review**).
34. Yadav, Dharmveer, Chandrashekhar Azad, Jagannath Singh, Dibya Ranjan Dash Adhikari. CIAFP- A Change Impact Analysis with Fault Prediction for Object-Oriented Software, International Journal of Software Innovation (IJSI)) **Indexed in ESCI, Scopus. (Communicated)**.

MEMBERSHIP OF PROFESSIONAL BODIES:

1. International Association of Engineers (IAENG).
2. Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST).
3. Association for Computing Machinery (ACM)(Computer Science Teacher Association CSTA)
4. UACEE (Universal Association of Computer and Electronics Engineers).
5. Internet Society (ISOC).

REVIEWERS OF THE INTERNATIONAL JOURNAL/ CONFERENCE

- International Journal of Network Security, ISSN: 18163548, 1816353X.
- International Journal of Knowledge and Systems Science (IJKSS), ISSN: 1947-8208|EISSN:1947-8216.
- The International Arab Journal of Information Technology (IAJIT), ISSN:2309-4524 (Online)
- Indian Journal of Science & Technology, Print ISSN: 0974-6846, (Online ISSN: 0974-5645)
- International Journal of Information System Modeling and Design (IJISMD) (ISSN: 1947-8186)
- Recent Patents on Computer Science, ISSN: 1874-4796 (Online)
- Multimedia Tools and Applications, Springer, (Electronic ISSN1573-7721)
- Obesity Medicine, Elsevier (ISSN: 2451-8476)
- Sādhana, Springer,(Electronic ISSN 0973-7677)
- 5th International Conference on Nanoelectronics, Circuits & Communication Systems (NCCS-2019), ARTTC, BSNL, Ranchi.
- 5th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2020), ARTTC, BSNL, Ranchi.
- 2020 International Conference on Innovative Trends in Information Technology (ICITIIT), 2020 International Conference on Innovative Trends in Information Technology (ICITIIT)
- International conference on Cyber Security in Emerging Digital Era (ICCEDE2020), a Springer CCIS Series at G. L Bajaj Institute of Technology and Management, Gr. Noida.
- 5th IAPR International Conference on Computer Vision & Image Processing, Indian Institute of Information Technology, Allahabad,
- 6th International Conference on Nanoelectronics Circuits & Communication Systems (NCCS-2020), IETE & ISVE Ranchi.
- 5th IAPR INTERNATIONAL CONFERENCE ON COMPUTER VISION & IMAGE PROCESSING at IIIT Allahabad, 2020
- 7th International Conference on Mathematics and Computing, ICMC 2021, Indian Institute of Engineering Science and Technology, Shibpur, India

- 6th International Conference on Microelectronics, Computing & Communication Systems(MCCS-2021)
- 6th International Conference on Microelectronics, Computing & Communication Systems(MCCS-2021)
- 2021 2nd International Symposium on Automation, Information and Computing (ISAIC 2021) is organized by Beijing Jiaotong University, December 3rd-6th, 2021.

TECHNICAL PROGRAMME COMMITTEE MEMBER IN INTERNATIONAL CONFERENCE

- TPC Members, International Conference Futuristic Trends in Networks and Computing Technologies(FTNCT- 2020) , Southern Federal University, Taganrog, Russia.
- TPC Member, International conference on Cyber Security in Emerging Digital Era (ICCEDE2020), a Springer CCIS Series at G. L Bajaj Institute of Technology and Management, Gr. Noida.
- TPC Member ,International Conference on Artificial Intelligence and Sustainable Engineering (AISE 2020), National Institute of Technology Goa, India.
- TPC Members ,15th INDIACom; 2021 08th International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
- TPC Members ,1st International Conference on Security & Privacy (ICSP 2020), Department of Mathematics, National Institute of Technology Jamshedpur, India
- TPC Members , 5th IAPR International Conference on Computer Vision & Image Processing, Indian Institute of Information Technology, Allahabad
- TPC Members, International Conference on IoT and its Applications (ICIA-2020), Department of CSE, National Institute of Technology Jamshedpur, India
- 7th International Conference on Mathematics and Computing, ICMC 2021, Indian Institute of Engineering Science and Technology, Shibpur, India
- TPC Members ,2nd International Conference on Security & Privacy (ICSP 2021), Department of Mathematics, National Institute of Technology Jamshedpur, India

SESSION CHAIR IN INTERNATIONAL CONFERENCE, ebinar

- 5th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2020), IETE & ISVE Ranchi.12/07/2020
- 6th International Conference on Nanoelectronics Circuits & Communication Systems (NCCS-2020), IETE & ISVE Ranchi. 20/12/2020
- International Conference on IoT and its Applications, (ICIA-2020), Department of CSE, NIT Jamshedpur, 26/12/2020
- Nanoelectronics, Machine Learning, Internert Of Things & Computing Systems (NMIC-2021), March 13th- 14th, 2021

INVITED LECTURES DELIVERED

- At Radha Govind University Ramgarh, Jharkhand on Machine Learning and Information Security, 18th July 2020.
- One week Online Faculty Development Program on “Emerging Trends in Data Science & IoT” organized by Department of Computer Science & Information Technology, ARKA Jain University, Jamshedpur Jharkhand held from 20th to 25th July 2020, Title : Machine Learning Tools & Techniques, 24th July 2020.
- One week FDP on “Computational Intelligence Technique for Machine Learning”, Title: Machine Learning and its Application in Security. 01 September 2020. At JAY PEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT.

- TEQIP-III Sponsored 6 Days (from 01th-06th September)" to be held 2020 National Workshop on "Machine Learning with Python/MATLAB, Title: Neural Network, At: National Institute of Technology Jamshedpur
- 1st International Webinar on Microelectronics, Artificial Intelligence, Machine Learning & Internet of Things (MAMI-2020) on Machine Learning at (IETE & ISVE Ranchi Centre, Jharkhand (India)), Title: Machine Learning, **Date: 13/09/2020.**
- Under Twinning activities conducted by NIT Jamshedpur Faculty Members at WIT Dehradun, on Machine learning and its applications, **Date:22/01/2021.**
- 3-Days TEQIP-III Sponsored Online Workshop on Mathematics and its Applications in Engineering; Technology (February22-24, 2021) at University College of Engineering and Technology (UCET), Vinoba Bhave University Hazaribagh, Jharkhand, on Application of Machine Learning in Engineering, **Date: 24th February 2021**

INTERACTION WITH OTHER INSTITUTE/ COLLEGE/UNIVERSITY

- St. Xavier's College Ranchi
- Jharkhand Raksha Shakti University Ranchi
- Kolhan University
- Amity University, Noida
- Katihar Engineering College, Bihar
- Siksha 'O' Anusandhan(Deemed to be University), Bhubaneswar, Odisha, India
- Amity University Noida, India
- Marwari College Ranchi, Jharkhand

PARTICIPATION IN ADMINISTRATIVE WORK

- Faculty Advisor MCA 3rd Year
- Departmental Academic Committee Member
- Member of Stock Verification of DCA and CC
- Member of Web Cast Committee for 8th & 9th Convocation NIT Jamshedpur
- Nodal Officer (Library) for IRINS Instance Implementation
- PI Time Table, DCA
- Member of Admission Committee(2018-19, 2019-2020)
- Member of Unnat Bharat, NIT Jamshedpur
- Member of MIS Committee, NIT Jamshedpur
- Member & Convener Technical Committee for the implementation of SMILE ERP
- Member of purchase committee for Computer Centre, NIT Jamshedpur
- Warden of Hostel F, NIT Jamshedpur Since 09/11/2020
- Member of NIRF -2020 Committee.

JURY MEMBER:

- Smart India Hackathon (Software Edition) -2019
- Internal Hackathon for Smart India Hackathon 2020 by NIT Jamshedpur-2020
- Smart India Hackathon(Software Edition) -2020
- Smart India Hackathon(Hardware Edition) -2020
- ToyCathon 2021, organised by the Innovation Cell, Ministry of India.
- Evaluator of Research Conclave held at NIT Jamshedpur (Day 2) 26 th Feb. 2021
- ToyCathon (Grand Finale) 2021, organised by the Innovation Cell, Ministry of India.22th June 2021 to 24th June 2021.

SUBJECTS TAKEN:

| SUBJECT | SEMESTER | YEAR | CLASS |
|--|-----------------|-----------------|------------------------------|
| COMPUTER FUNDAMENTAL | 1 st | AUTUMN, 2011 | ICS |
| C PROGRAMMING | 1 st | AUTUMN, 2011 | ALL SCIENCE DEPTS. |
| OPERATING SYSTEM | 4 th | SPRING 2012 | M.Sc. (MATHS) |
| C PROGRAMMING | 2 nd | SPRING 2012 | ALL ENGG. DEPTS. |
| JAVA PROGRAMMING | 3 rd | AUTUMN, 2015 | MCA |
| COMPUTER ORGANIZATION AND ARCHITECTURE | 1 st | AUTUMN, 2015 | MCA |
| ARTIFICIAL INTELLIGENCE | 4 th | SPRING, 2016 | MCA |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING | 1 st | AUTUMN, 2016 | MCA |
| ARTIFICIAL INTELLIGENCE | 4 th | SPRING, 2016 | MCA |
| COMPUTER PROGRAMMING | 2 nd | SPRING, 2016 | M.SC. (MATHS) |
| C PROGRAMMING | 4 th | SPRING, 2016 | M.SC. (PHY.) |
| COMPUTER FUNDAMENTAL AND COMPUTER PROGRAMMING | 2 nd | SPRING, 2016 | MECH. ENGG. (DIPLOMA-CEP) |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING | 1 st | AUTUMN, 2017 | MCA |
| INFORMATION SECURITY | 5 th | AUTUMN, 2017 | MCA |
| ARTIFICIAL INTELLIGENCE | 4 th | SPRING, 2018 | MCA |
| DATABASE SECURITY | 2 nd | SPRING, 2018 | M.TECH(ISSE) |
| UNIX & SHELL PROGRAMMING | 4 th | SPRING, 2018 | MCA |
| COMPUTER PROGRAMMING & PROBLEM SOLVING | 1 st | AUTUMN, 2018 | MCA |
| INFORMATION SECURITY | 1 st | AUTUMN, 2018 | M. TECH(ISSE) |
| COMPUTER COMMUNICATION AND NETWORKS | 3 rd | AUTUMN, 2018 | MCA |
| OBJECT ORIENTED ANALYSIS AND DESIGN | 2 nd | SPRING, 2019 | MCA |
| ARTIFICIAL INTELLIGENCE | 2 nd | SPRING, 2019 | MCA |
| DATABAE SECURITY | 2 nd | SPRING, 2019 | M. TECH(ISSE) |
| COMPUTER HARDWARE & NETWORKING | 2 nd | SPRING ,2019 | CEP, ECE |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING | 1 st | AUTUMN, 2019 | MCA |
| COMPUTER COMMUNICATION AND NETWORKS | 3rd | AUTUMN, 2019 | MCA |
| INFORMATION SECURITY | 1st | AUTUMN, 2019 | M. TECH(ISSE) |
| OPERATING SYSTEM | 2 nd | SPRING, 2020 | MCA |
| ARTIFICIAL INTELLIGENCE | 4 th | SPRING, 2020 | MCA |
| DATABASE SECURITY | 2 nd | SPRING, 2020 | M. TECH(ISSE) |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING | 1 st | AUTUMN, 2020 | MCA |

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|--|-----------------|--------------|---------------|
| COMPUTER COMMUNICATION AND NETWORKS | 3rd | AUTUMN, 2020 | MCA |
| INFORMATION SECURITY | 1st | AUTUMN, 2020 | M. TECH(ISSE) |
| DATABASE SECURITY | 2 nd | SPRING, 2021 | M. TECH(ISSE) |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING | 1 st | Spring 2021 | MCA |

LAB CLASSES TAKEN:

| Subject | Semester | Year | Class |
|--|-----------------|--------------|---------------------------------|
| COMPUTER FUNDAMENTAL LAB | 1 st | AUTUMN, 2011 | ICS |
| C PROGRAMMING LAB | 1 st | AUTUMN, 2011 | ALL SCIENCE DEPTS. |
| DBMS LAB | 4 th | SPRING 2012 | IMBA |
| C PROGRAMMING LAB | 2 nd | SPRING 2012 | ALL ENGG. DEPTS. |
| SYSTEM SIMULATION & MODELING LAB. | 5 th | AUTUMN, 2012 | MCA |
| JAVA PROGRAMMING LAB. | 3 rd | AUTUMN, 2012 | MCA |
| C PROGRAMMING LAB. | 1 st | AUTUMN, 2012 | MCA |
| C++ LAB. | 2 nd | SPRING, 2013 | MCA |
| DESIGN OF COMPUTER ALGORITHMS LAB. | 4 th | SPRING, 2013 | B. TECH (IT) |
| OPERATING SYSTEM LAB. | 4 th | AUTUMN, 2013 | B. TECH (IT) |
| DBMS LAB. | 4 th | AUTUMN, 2013 | B. TECH (IT) |
| DATABASE SECURITY LAB | 2 nd | SPRING, 2014 | M. TECH. |
| RDBMS LAB. | 2 nd | SPRING, 2014 | MCA |
| DATABASE SECURITY LAB | 1 st | AUTUMN, 2014 | M. TECH. |
| OPERATING SYSTEM LAB. | 4 th | AUTUMN, 2014 | B. TECH (IT) |
| DBMS LAB. | 4 th | AUTUMN, 2014 | B. TECH (IT) |
| DATABASE SECURITY LAB | 2 nd | SPRING, 2015 | M. TECH. |
| RDBMS LAB. | 2 nd | SPRING, 2015 | MCA |
| DBMS LAB | 3 rd | AUTUMN, 2015 | B. TECH (CSE) |
| DATABASE SECURITY LAB | 1 st | AUTUMN, 2015 | M. TECH |
| JAVA PROGRAMMING LAB. | 4 th | SPRING, 2015 | B. TECH (CSE) |
| DATABASE SECURITY LAB | 2 nd | SPRING, 2015 | M. TECH |
| COMPUTER GRAPHICS LAB. | 3 rd | AUTUMN, 2015 | MCA |
| C++ LAB. | 4 th | SPRING, 2016 | MCA |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING LAB. | 1 st | AUTUMN, 2016 | MCA |
| OPTIMIZATION TECHNIQUE LAB. | 1 st | AUTUMN, 2016 | MCA |
| COMPUTER PROGRAMMING | 2 nd | SPRING, 2017 | M.SC. (MATHS) |
| C PROGRAMMING | 4 th | SPRING, 2017 | M.SC. (PHY.) |
| COMPUTER FUNDAMENTAL AND COMPUTER PROGRAMMING LAB. | 2 nd | SPRING, 2017 | MECH. ENGG. (DIPLOMA-CEP) |
| COMPUTER FUNDAMENTAL AND COMPUTER PROGRAMMING LAB. | 2 nd | SPRING, 2017 | MME & ELEC. ENGG. (DIPLOMA-CEP) |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING LAB. | 1 st | AUTUMN, 2017 | MCA |

| | | | |
|--|-----------------|--------------|------------------|
| COMPUTER PROGRAMMING | 2 nd | SPRING, 2018 | CEP, (ME) |
| COMPUTER PROGRAMMING AND PROBLEM SOLVING LAB | 1 st | AUTUMN,2018 | MCA |
| DATABASE MANAGEMENT SYSTEM LAB | 3 rd | AUTUMN,2018 | MCA |
| DATA STRUCTURE LAB. | 2 nd | SPRING, 2019 | MCA |
| C PROGRAMMING LAB. | 2 nd | SPRING, 2019 | M.SC. (MATHS) |
| COMPUTER PROGRAMMING LAB | 2 nd | SPRING, 2019 | CEP, (ME,MME,EE) |
| COMPUTER PROGRAMMING IN C LAB | 1 st | AUTUMN 2019 | MCA |
| DATABASE MANAGEMENT SYSTEM LAB | 3 rd | AUTUMN,2019 | MCA |
| DATA STRUCTURE LAB. | 2 nd | SPRING, 2020 | MCA |
| DBMS Lab | 3 rd | AUTUMN 2020 | MCA |
| COMPUTER PROGRAMMING IN C LAB | 1 st | Spring 2021 | MCA |
| Data Structure Lab. | 2 nd | Spring 2021 | MCA |

MASTERS PROJECTS / THESIS SUPERVISED:

MCA, 2016

1. Ajitesh Kumar Pandey(2013PGMCA081), Team Event – Budget Management System, 2016
2. Atul Mayura(2013PGMCA082) , Event Scheduler, 2016
3. Satya Prakash(2013PGMCA083) , Enerzyzer Vizion, 2016
4. Niraj Kumar (2013PGMCA084), Online Banking System, 2016
5. Pathikrit Banerjee (2013PGMCA085), Market Analyzer, 2016
6. Shambhu Kumar(2013PGMCA086) , E-movie Ticket, 2016
7. Ranvijay Kumar(2013PGMCA087), Online Boutique store, 2016

MCA, 2017

8. Prashant Bangilwar (2014PGMCA074), Online Course Management System, 2017
9. Piyush Deogan (2014PGMCA076), Stake Holder Management System. 2017
10. Saurav Yadav (2014PGMCA077), Data Tracking System, 2017
11. Tapeswar Kumar Paswan (2014PGMCA078), Employee Attendance System, 2017
12. Rajneesh Gupta (2014PGMCA081), Fico Origination Manager , 2017
13. Lisha Kumari (2014PGMCA082), Enrichment Of Product For Converting Code From Cobol To C, 2017
14. Asit Bhakat (2014PGMCA084) , Vendor Portal Management System, 2017

M.Tech. (ISSE) 2017

15. Avinash Dubey, A Novel Approach for HDFS Data Security in Hadoop, 2017

MCA, 2018

16. Sumit Kumar Das, (2015PGCACA36), Capital Markets Customer Identification File, 2018
17. Abhishek Sandil, (2015PGCACA46), Intellect Payment Services Hub(IPSH), 2018
18. Baby Purty, (2015PGCACA47), Online Shopping Portal, 2018
19. Raj Ratan Munda, (2015PGCACA48), Tourism Management System, 2018
20. Ankita, (2015PGCACA49), Blood Donation Management System, 2018
21. Simmi Srivastava(2015PGCACA52), Tarkuli Solutions Management Information Tool,2018
22. Shivangi Asthana,(2015PGCACA53),Health Care Policy, 2018
23. Mukesh Kumar, (2015PGCACA54), JVM Log Analyser System,2018

M.Tech. (ISSE) 2018

24. Parminder Singh, (2016PGCAIS04), Aalysis and Design of Classification System for Detection of Malicious IP Addresses., 2018

MCA, 2019

25. Pooja Raj (2016PGCACA55),AdroCafe Inventory and Order
26. Reshma xalxo(2016PGCACA53),EZEE Wallet
27. RAMDU ALDA(2016PGCACA56),SMART CITY
28. Bipul kumar(2016PGCACA62),Quikmile(Online Transport Managment System)
29. Sfurti Shukla(2016PGCACA57),Personal Financial management
30. Kamal Dev(2016PGCACA54),Klean Homz
31. sudhir kumar(2016PGCACA64),Thermal imaging module
32. Vishal Kumar(2016PGCACA65),Selenium Webdriver Testing

M.Tech. (ISSE) 2019

33. DEBRAJ BANERJEE (2017PGCAIS08), Email Spam Filtering using Support Vector Machine

MCA, 2020

34. SUBHRADEEP RAY(2017PGCACA46), Multi Software Management System
35. PIYUSH RANJAN(2017PGCACA48), Time Tracking System
36. PRASHANT GODWIN KERKETA(2017PGCACA49), AR-SHOP (E-SHOPPING CONCEPT USING WEB-AR)
37. SURYAMUKHI MAHALI(2017PGCACA50), STUDENT ATTENDANCE MANAGEMENT SYSTEM
38. PRASANNA KUMAR (2017PGCACA51),Tok2Dok (Doctor Appointment Management)
39. ASHISH GUPTA (2017PGCACA52), Free-2-Ad Online Classified Management System
40. AKANKSHA(2017PGCACA53), Self - Knowledge Stimulator
41. AGAM GUPTA(2017PGCACA54), SMART FACTORY
42. KRISHNA KUMAR(2017PGCACA55), Virtual Shopping mall
43. PALLAVI RANI(2017PGCACA57), NCTC ASSET MANAGEMENT SYSTEM

M.Tech. (ISSE) 2020

44. Neeraj Kohli, (2018PGCAIS13)An Analysis of SVM Kernel Functions Performance for Spam Email Classification, 2020

M.Tech. (ISSE) 2021

45. Amardeep Kumar Singh(2019PGCAIS10), An Approach to Detect DDoS Attack in Application Layer using Machine Learning
46. Sumit Sharma(2019PGCAIS12), A hybrid approach for feature selection based on global and local optimization for email spam detection

MCA, 2021

47. AJAY TIWARI, (2018PGCACA42), Alzheimer's Disease Prediction
48. Akash Saxena ,(2018PGCACA43), Monitor Service
49. Yuktima Chaurasiya, (2018PGCACA44), Predictor Of Mental Health Illness"
50. Shikha, (2018PGCACA45), Loan Processing Web Application
51. Nisha Sharma,(2018PGCACA46), Scrum One Tool
52. Arun Suryan ,(2018PGCACA47), Syncing Of Foreign Key Dependent Databases
53. NITU NIVEDITA CHORE,(2018PGCACA48), Loan Processing Application

54. Anju Kumari hembrom, (2018PGCACA49), Project based on reality augmentation
55. Raj Kumar Verma ,(2018PGCACA50), Intelligent Dustbin For Smart City
56. SWETA KUMARI,(2018PGCACA51), FACE MASK DETECTION ALERT SYSTEM

Ph.D. Scholars

57. Pradip Dhal (2019RSCA001), Desogn and Analysis of Analytic Enhancement Technique in Classification and Summarization of Text. **(Ongoing)**
58. Rahul Kumar(2020RSCA008), **Course Work (On-going)**

PERSONAL DETAILS:

Father's name : Late Shree Chaitanya Mahto (Ex- Army)
Mother's name : Smt. Meena Devi
Date of Birth : July 15th, 1987
Sex : Male
Marital Status : Unmarried
Languages Known : Hindi, English, Kurmali, and Panchpargania
Nationality : Indian
Hobbies : Reading, Teaching, and listening to music.
Present Address : NIT Staff Quarter No. - CF-06, NIT Jamshedpur, PO-
NIT, PS-Adityapur, Jamsedpur (India)-831014

Date:

Place: Jamshedpur

(Dr. Chandrashekhar Azad)