

CURRICULAM VITAE

Dr. Dilip Kumar Choubey
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EDUCATIONAL DEGREES

Ph.D. (August 2018)

Department of Computer Science and Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, India

Specialization: Engineering (Computer Science & Engineering)

Research Areas: Soft Computing, Data Mining, Pattern Recognition, and Machine Learning

Thesis Title: Classification Techniques and Rule based System for Diabetes.

Thesis Description: Diabetes means blood sugar is above desired level on a sustained basis. We have collected the real data of diabetes patients and suffered from some other diseases people or normal people in the hospital who visited to doctor. For this collected real dataset and some existing dataset have used several classification technique and also developed rule based diagnosis system for diabetes as per the suggestions of Diabetologist.

CGPA obtained in course work: 8.25/10

M.Tech. (March 2013)

Department of Computer Science and Engineering, Oriental College of Technology, Bhopal, Madhya Pradesh, India

Specialization: Computer Science and Engineering

Research Areas: Database, and Web Security

Thesis title: Loss Minimization of Web Databases by Fine Grain Approach.

Thesis Description: The secured web database has been created at the application and database layer, minimized the loss of data in the database, and also recovered the lost data. When data has been altered by an unauthorized user, then authorized user is informed by SMS and Email by using fine grain access control.

CGPA obtained: 7.87/10 (78%)

B.E. (May 2010)

Department of Information Technology, Bansal Institute of Science and Technology, Bhopal, Madhya Pradesh, India

Specialization: Information Technology

Marks obtained: 69.94% (2238 out of 3200)

Research Areas of Interests:

- Soft Computing
- Pattern Recognition
- Bioinformatics
- Data Mining
- Database Management Systems
- Machine Learning
- IoT

Teaching Interests:

- Database Management Systems
- Data Structures and Algorithms
- Soft Computing
- Data Science
- Data Visualization
- Introduction to Computing
- Data Mining
- Data Communication
- Computer Network

TEACHING AND RESEARCH EXPERIENCE**Current Position:**

- Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Bhagalpur, Bihar, India since 9th November 2020.

Teaching Experiences:

- Worked as an Assistant Professor (Senior) in School of Computer Science and Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu from 13th May 2019 to 06th November 2020.
- Worked as an Adhoc Faculty in Department of Computer Science & Engineering, National Institute of Technology, Patna, Bihar from 9th August 2018 to 9th May 2019.
- Worked as an Assistant Professor (On Contract) in Department of Computer Science & Engineering, National Institute of Technology, Patna, Bihar from 30th March 2017 to 31st May 2018.
- Worked as an Assistant Professor in Department of Information Technology, Lakshmi Narain College of Technology, Bhopal, Madhya Pradesh from 5th July 2013 to 31st March 2014.
- Worked as an Assistant Professor in Department of Information Technology, Oriental College of Technology, Bhopal from 20th February 2013 to 4th July 2013.

Research Experiences:**Ph.D. Guidance: 00 Nos.**

M.Tech Guidance: 03 Nos.

S. No.	Session	Title of Thesis	Name of Students with Registration Number	University/Institute	Year of Award
1	Fall-2019-2020.	Heart Disease Prediction using Effective Machine Learning and Data Mining Techniques	Keshav Srivastava (18MCS0091)	Vellore Institute of Technology, Vellore, Tamil Nadu	2020
2	Fall-2019-2020.	Implementation and Analysis of Machine Learning Techniques for Classification of Liver Disorder	Sushmit Pahari (18MCS0094)	Vellore Institute of Technology, Vellore, Tamil Nadu	2020
3	Fall-2019-2020.	Breast Cancer Prediction using Machine Learning	Ramik Rawal (18MCS0037)	Vellore Institute of Technology, Vellore, Tamil Nadu	2020

B.Tech/B.E. Guidance: 04 Nos.**LIST OF PUBLICATIONS:****International journals (17)**

- **Dilip Kumar Choubey**, Sanchita Paul, Smita Sandilya, Vinay Kumar Dhandhanian, “Implementation and Analysis of Classification algorithms for Diabetes”, Current Medical Imaging, Bentham Science, ISSN: 1573-4056 (Print), ISSN: 1875-6603 (Online), Vol. 16, Issue 4, pp. 340-354, 2020. IF: 0.812. **DOI: 10.2174/1573405614666180828115813. [SCIE Indexed].**
- Vaibhav Shukla, Prabhat Kumar Patel, **Dilip Kumar Choubey**, Santosh Kumar, “Cascadability analysis of WDM recirculating loop buffer-based switch in optical data networks”, Journal of Optical Communications, De Gruyter, ISSN: 0173-4911, ISSN: 2191-6322 (Online). **DOI: <https://doi.org/10.1515/joc-2020-0100>. [Accepted (In Press), Scopus Indexed]**
- Manish Kumar, S. K. Mishra, Sunil Kumar Jangir, **Dilip Kumar Choubey**, Dinesh Goyal, “Multichannel Heuristic Learning based Single Layer Neural Network Filter for Mixed Noise Suppression from Color Doppler Ultrasound Images, Journal of Real-Time Image Processing, Springer, ISSN: 1861-8200 (Print), ISSN: 1861-8219 (Online). IF: 1.968. **[Accepted, SCIE Indexed]**
- Manish Kumar, S. K. Mishra, Sumit Choubey, S. S. Tripathi, **Dilip Kumar Choubey**, Dinesh Dash, “Cat Swarm Optimization based Functional Link Multilayer Perceptron for Suppression of Gaussian and Impulse Noise from Computed Tomography Images”,

Current Medical Imaging Reviews, Bentham Science, ISSN: 1573-4056 (Print), ISSN: 1875-6603 (Online), Vol. 16, Issue 4, pp. 329-339, 2020. IF: 0.812. **DOI: 10.2174/1573405614666180903115336. [SCIE Indexed].**

- **Dilip Kumar Choubey**, Manish Kumar, Vaibhav Shukla, Sudhakar Tripathi, Vinay Kumar Dhandhanian, “Comparative Analysis of Classification Methods with PCA and LDA for Diabetes”, Current Diabetes Reviews, Bentham Science, ISSN: 1573-3998 (Print), ISSN: 1875-6417 (Online), Vol. 16, Issue 8, pp. 833-850, 2020. **DOI: 10.2174/1573399816666200123124008. [ESCI, Scopus Indexed].**
- Vaibhav Shukla, Nikunj Sharma, **Dilip Kumar Choubey**, “Performance evaluation of a hybrid buffer based optical packet switch router”, Journal of Optical Communications, De Gruyter, ISSN: 0173-4911, ISSN: 2191-6322 (Online), Vol. 44, Issue 1, pp. 1-12, 2020. **DOI: <https://doi.org/10.1515/joc-2019-0230>. [Scopus Indexed].**
- **Dilip Kumar Choubey**, Prabhat Kumar, Sudhakar Tripathi, Santosh Kumar, “Performance Evaluation of Classification Methods with PCA and PSO for Diabetes”, Network Modeling Analysis in Health Informatics and Bioinformatics, Springer, ISSN: 2192-6662 (Print), ISSN: 2192-6670 (Online), Vol. 9, Issue 1, Article 5, pp. 1-30, 2019. **DOI: <https://doi.org/10.1007/s13721-019-0210-8> [ESCI, Scopus Indexed].**
- **Dilip Kumar Choubey**, Sudhakar Tripathi, Prabhat Kumar, Vaibhav Shukla, Vinay Kumar Dhandhanian, “Classification of Diabetes by Kernel based SVM with PSO”, Recent Advances in Computer Science and Communications, Bentham Science, ISSN: 2666-2558 (Print), ISSN: 2666-2566 (Online), Vol. 12, No. 1, pp. 1-14, 2019. **DOI: 10.2174/2213275912666190716094836. [Scopus Indexed].**
- **Dilip Kumar Choubey**, Sanchita Paul, Vinay Kumar Dhandhanian, “Rule Based Diagnosis System for Diabetes”, Biomedical Research, Allied Academies, ISSN: 0970-938X (Print), ISSN: 0976-1683. (Electronic), Vol. 28, Issues 12, pp. 5196-5209, 2017. IF: 0.30. **<http://www.alliedacademies.org/articles/rule-based-diagnosis-system-for-diabetes.pdf>. [SCIE Indexed].**
- **Dilip Kumar Choubey**, Sanchita Paul, “GA_RBF NN: A Classification System for Diabetes”, International Journal of Biomedical Engineering and Technology (IJBET), Inderscience, ISSN: 1752-6418 (Print), ISSN: 1752-6426. (Online), Vol. 23, No. 1, pp. 71-93, 2017. **DOI: <http://dx.doi.org/10.1504/IJBET.2017.082229>. [ESCI, Scopus Indexed].**
- **Dilip Kumar Choubey**, Sanchita Paul, “Classification techniques for diagnosis of diabetes: a review”, International Journal of Biomedical Engineering and Technology (IJBET), Inderscience, ISSN: 1752-6418 (Print), ISSN: 1752-6426. (Online), Vol. 21, No. 1, pp. 15-39, 2016. **DOI: <http://dx.doi.org/10.1504/IJBET.2016.076730>. [ESCI, Scopus Indexed].**
- **Dilip Kumar Choubey**, Sanchita Paul, “GA_MLP NN: A Hybrid Intelligent System for Diabetes Disease Diagnosis”, International Journal of Intelligent Systems and Applications (IJISA), MECS, ISSN: 2074-904X (Print), ISSN: 2074-9058. (Online), Vol. 8, No. 1, pp. 49-59, 2016. **DOI: 10.5815/ijisa.2016.01.06. [Scopus Indexed].**
- **Dilip Kumar Choubey**, Sanchita Paul, “GA_J48graft DT: A Hybrid Intelligent System for Diabetes Disease Diagnosis”, International Journal of Bio-Science and Bio-

Technology (IJBSBT), SERSC, ISSN: 2233-7849, Vol. 7, No. 5, pp. 135–150, 2015. **DOI: 10.14257/ijbsbt.2015.7.5.13. [Scopus Indexed].**

- **Dilip Kumar Choubey**, Sanchita Paul, Joy Bhattacharjee, “Soft Computing Approaches for Diabetes Disease Diagnosis: A Survey”, International Journal of Applied Engineering Research (IJAER), RIP, ISSN: 0973-4562, Vol. 9, No. 21, pp. 11715-11726, 2014. **[Scopus Indexed].**
- Keshav Srivastava, **Dilip Kumar Choubey**, “Heart Disease Prediction using Machine Learning and Data Mining”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878 (Online), Vol. 9, Issue 1, pp. 212-219, 2020. **DOI:10.35940/ijrte.F9199.059120.**
- **Dilip Kumar Choubey**, Joy Bhattacharjee, Roopali Soni, “Loss Minimization of Web Databases by Fine Grain Approach”, International Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622, Vol. 3, Issue 1, pp. 1437-1444, Jan-Feb 2013. **<https://pdfs.semanticscholar.org/9751/6dceabb4ae5b8dd3ffc52d15eabfe7e54fb0.pdf>.**
- **Dilip Kumar Choubey**, Roopali Soni, Joy Bhattacharjee, “A Novel approach for Security of Web Databases”, International Journal of Computer Science and Technology (IJCT), ISSN: 0976-8491 (online) ISSN: 2229-4333(print), Vol. 3, Issue 4, pp. 110-113, Version Oct-Dec 2012. **<http://ijct.com/vol34/1/dilip.pdf>.**

International Conferences (16)

- Disha Agarwal, Rajat Agarwal, **Dilip Kumar Choubey**, “A Study on IoT Based Medicine Dispensary Box”, 5th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2020), during 09-10 May, 2020 at ARTTC, BSNL near Jumar River Bridge, Hazaribag Road, Ranchi. **[In Press, Scopus Indexed].**
- Adweat Mishra, Sambheet Kumar Pradhan, Naman Anand, **Dilip Kumar Choubey**, “Soft Computing Techniques for Dengue Detection: A Review”, 5th International Conference on Microelectronics, Computing & Communication Systems (MCCS-2020), during 09-10 May, 2020 at ARTTC, BSNL near Jumar River Bridge, Hazaribag Road, Ranchi. **[In Press, Scopus Indexed].**
- Keshav Srivastava, **Dilip Kumar Choubey**, “Soft Computing, Data Mining, and Machine Learning approaches in Detection of Heart Disease: A Review”, 19th International Conference on Hybrid Intelligent Systems, Advances in Intelligent Systems and Computing (AISC), Springer, VIT Bhopal University, India during 10-12 December, 2019, ISBN: 978-3-030-49335-6 (Print), ISBN: 978-3-030-49336-3 (Online), Vol. 1179, pp. 165-175, 2021. **DOI: https://doi.org/10.1007/978-3-030-49336-3_17. [Scopus Indexed].**
- Divyue Sharma, Parva Jain, **Dilip Kumar Choubey**, “A Comparative Study of Computational Intelligence for Identification of Breast Cancer”, 2nd International Conference on Machine Learning, Image Processing, Network Security and Data Science (MIND-2020), during 23-24 April 2020 at National Institute of Technology, Silchar, India, Communications in Computer and Information Science, ISBN: 978-981-15-6364-0, Vol. 1240, pp. 209-216, 2020. **DOI: https://doi.org/10.1007/978-981-15-6315-7_17. [Scopus Indexed].**

- Advika Parthvi, Kartik Rawal, **Dilip Kumar Choubey**, “A Comparative Study using Machine Learning and Data Mining Approach for Leukemia”, 9th International Conference on Communication and Signal Processing, during 9-11 April, 2020 at Adhiparasakthi Engineering College, Melmaruvathur, Kanchipuram, Tamil Nadu, India. ISBN: 978-1-7281-4988-2 (Electronic), ISBN: 978-1-7281-4989-9 (Print), pp. 0672-0677, 2020. **DOI:10.1109/ICCSP48568.2020.9182142. [Scopus Indexed].**
- Santosh Kumar, Bharat Bhushan, Debabrata Singh, **Dilip Kumar Choubey**, “Classification of Diabetes using Deep Learning”, 9th International Conference on Communication and Signal Processing, during 9-11 April, 2020 at Adhiparasakthi Engineering College, Melmaruvathur, Kanchipuram, Tamil Nadu, India. ISBN: 978-1-7281-4988-2 (Electronic), ISBN: 978-1-7281-4989-9 (Print), pp. 0651-0655, 2020. **DOI: 10.1109/ICCSP48568.2020.9182293. [Scopus Indexed].**
- Sushmit Pahari, **Dilip Kumar Choubey**, “Analysis of Liver Disorder using Classification Techniques: A Survey”, International Conference on Emerging Trends in Information Technology and Engineering, IEEE Xplorer Digital Library, during 24-25 February, 2020 at Vellore Institute of Technology, Vellore, India. ISBN: 978-1-7281-4142-8, pp. 1-4, 2020. **DOI: <https://doi.org/10.1109/ic-ETITE47903.2020.300>. [Scopus Indexed].**
- **Dilip Kumar Choubey**, Ashwini Kumar, Kesav Srivastava, Sushmit Pahari, “Notification and Image Analysis in Cloud”, International Conference on Emerging Trends in Information Technology and Engineering, IEEE Xplorer Digital Library, during 24-25 February, 2020 at Vellore Institute of Technology, Vellore, India. ISBN: 978-1-7281-4142-8, pp. 1-5, 2020. **DOI: <https://doi.org/10.1109/ic-ETITE47903.2020.296>. [Scopus Indexed].**
- Manish Kumar, Sunil Kumar Jangir, Sudhanshu Kumar Mishra, Sumit Kumar Choubey, **Dilip Kumar Choubey**, “Multi-Channel FLANN Adaptive Filter for Speckle & Impulse Noise Elimination from Color Doppler Ultrasound images” International Conference on Emerging Trends in Communication, Control and Computing (ICONC3), IEEE Xplorer Digital Library, Mody University of Science and Technology, Lakshmanagarh, Rajasthan during 21-22 February, 2020, ISBN: 978-1-7281-1420-0, pp. 1-4, 2020. **DOI: 10.1109/ICONC345789.2020.9117288. [Scopus Indexed].**
- Santosh Kumar, Usha Manasi Mohapatra, Debabrata Singh, **Dilip Kumar Choubey**, “EAC: Efficient Associative Classifier for Classification”, International Conference on Applied Machine Learning (ICAML-2019), IEEE Xplorer Digital Library, Organized by Siksha ‘O’ Anusandhan Deemed to be University Bhubaneswar, Odisha, India during 25-26 October, 2019. ISBN 978-1-7281-3908-1, pp. 15-20, 2019. **DOI: 10.1109/ICAML48257.2019.00011. [Scopus Indexed].**
- Santosh Kumar, Usha Manasi Mohapatra, Debabrata Singh, **Dilip Kumar Choubey**, “IoT Based Cardiac Arrest Prediction through Heart Variability Analysis”, 3rd International Conference on Advanced Computing & Intelligent Engineering (ICACIE 2018), Advances in Intelligent Systems and Computing(AISC), Springer, Organized by Siksha ‘O’ Anusandhan Deemed to be University Bhubaneswar, Odisha, India during 22-24 December, 2018, Proceedings of ICACIE 2018, Advances in Intelligent Systems and Computing 1089 (AISC), Springer, Vol. 2, pp. 353-363, 2020. **DOI: https://doi.org/10.1007/978-981-15-1483-8_30. [Scopus Indexed].**

- **Dilip Kumar Choubey**, Sanchita Paul, Vinay Kumar Dhandhanian, “GA_NN: An intelligent Classification System for Diabetes”, Springer Proceedings AISC Series, 7th International Conference on Soft Computing for Problem Solving-SocProS 2017, Indian Institute of Technology, Bhubaneswar, India, December 23-24, 2017. ISBN 978-981-13-1595-4, Chapter 2, Soft Computing for Problem Solving, Advances in Intelligent Systems and Computing 817, Springer, Vol. 2, pp. 11-23, 2019. **DOI: https://doi.org/10.1007/978-981-13-1595-4_2**. [Scopus Indexed].
- Kanchan Bala, **Dilip Kumar Choubey**, Sanchita Paul, “Soft Computing and Data Mining Techniques for Thunderstorms and Lightning Prediction: A Survey”, International Conference of Electronics, Communication and Aerospace Technology (ICECA 2017), IEEE Xplorer Digital Library, during 20-22 April, 2017, ISBN 978-1-5090-5686-6, RVS Technical Campus, Coimbatore, Tamilnadu, India, Vol. 1, pp. 42-46, 2017. **DOI: 10.1109/ICECA.2017.8203729**. [Scopus Indexed].
- **Dilip Kumar Choubey**, Sanchita Paul, Santosh Kumar, Shankar Kumar, “Classification of Pima Indian Diabetes Dataset using Naive Bayes with Genetic Algorithm as an Attribute Selection”, CRC Press Taylor Francis, Communication and Computing Systems: Proceedings of the International Conference on Communication and Computing System (ICCCS 2016), Organized by Dronacharya College of Engineering, Gurgaon, India on September 9 -11, ISBN 978-1-138-02952-1, pp. 451-455, 2017. **DOI: 10.1201/9781315364094-82**. [Scopus Indexed].
- Kesav Srivastava, **Dilip Kumar Choubey**, Jitendra Kumar, “Implementation of Inventory Management System”, 3rd International Conference on Innovative Computing and Communication (ICICC-2020), Elsevier, Organized by: Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi in Association with National Institute of Technology Patna (NIT Patna) & University of Valladolid Spain 21-23rd February, 2020. Available at SSRN: <https://ssrn.com/abstract=3563375>.
- **Dilip Kumar Choubey**, Joy Bhattacharjee, Roopali Soni, “Privacy protection and Fine Grained Access Control to Web Databases”, International Conference on Computer Science and Engineering held at Mysore, ISBN 978-93-82208-00-6, organized by IOAJ on 5th August, 2012.

Book/Edited Books (02)

- Anand Sharma, Sunil Kumar Jangir, Manish Kumar, Tarun Shrivastava, **Dilip Kumar Choubey**, S. Balamurgan, “Industrial Internet of Things: Technologies and Research Directions”, CRC Press (Taylor & Francis Group). [In Progress, WoS, and Scopus Indexed].
- **Dilip Kumar Choubey**, Joy Bhattacharjee, “Loss Minimization of Web Databases by Fine Grain Approach”, LAP Lambert Academic Publishing, Germany, ISBN: 978-3-659-97524-0, 2016. <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-975240/loss-minimization-of-web-databases-by-fine-grain-approach>.

International Book Chapters (06)

- Kartik Rawal, Advika Parthvi, **Dilip Kumar Choubey**, Vaibhav Shukla, “Chapter 23: Prediction of Leukemia by Classification and Clustering Techniques”, Machine Learning,

Big Data and IoT for Medical Informatics, Intelligent Data-Centric Systems: Sensor Collected Intelligence Series, Elsevier. [**Accepted, Scopus Indexed**].

- Vaibhav Shukla, **Dilip Kumar Choubey**, “Design and analysis of AWG and FDL based optical switch in data centre network”, Chapter 68, Encyclopedia of Organizational Knowledge, Administration, and Technology, Fifth Edition, IGI Global, ISBN 978-1-7998-3479-3, Vol. 5, pp. 980-1001, 2021. **DOI: 10.4018/978-1-7998-3479-3.ch068** [**Scopus Indexed**].
- Vaibhav Shukla, Rajiv Srivastava, **Dilip Kumar Choubey**, “Optical Switching in Next-Generation Data Centers: Architectures Based on Optical Switching”, Contemporary Developments in High-Frequency Photonic Devices, IGI Global, ISBN 978-1-5225-8531-2, pp. 164-193, 2019. **DOI: 10.4018/978-1-5225-8531-2.ch008**. [**Scopus Indexed**].
- **Dilip Kumar Choubey**, Sanchita Paul, Kanchan Bala, Manish Kumar, Uday Pratap Singh, “Implementation of a Hybrid Classification Method for Diabetes”, Innovations in Multimedia Data Engineering and Management, IGI Global, ISBN 978-1-5225-7107-0, pp. 201-240, 2019. **DOI: 10.4018/978-1-5225-7107-0.ch009**. [**Scopus Indexed**].
- Kanchan Bala, **Dilip Kumar Choubey**, Sanchita Paul, Mili Ghosh Nee Lala, “Classification Techniques for Thunderstorms and Lightning Prediction- A Survey”, Soft Computing-Based Nonlinear Control Systems Design, IGI Global, ISBN 978-1-5225-3531-7, pp. 1-17, 2018. **DOI: 10.4018/978-1-5225-3531-7.ch001**. [**Scopus Indexed**].
- **Dilip Kumar Choubey**, Sanchita Paul, “GA_SVM-A Classification System for Diagnosis of Diabetes”, Handbook of Research on Nature Inspired Soft Computing and Algorithms, IGI Global, ISBN 978-1-5225-2128-0, pp. 359-397, 2017. **DOI: 10.4018/978-1-5225-2128-0.ch012**. [**ESCI, Scopus Indexed**].

Publications Homepage:

- Google scholar: (<https://scholar.google.co.in/citations?user=I2BzXaUAAAJ&hl=en>)
- Scopus Author ID: 56459851500
(<https://www.scopus.com/authid/detail.uri?authorId=56459851500>)
- Researcher ID: D-2497-2018 (<http://www.researcherid.com/rid/D-2497-2018>)
- ORCID ID: 0000-0002-1233-7159 (<http://orcid.org/0000-0002-1233-7159>)
- Microsoft Academic ID: 2908530108
- ResearchGate: (https://www.researchgate.net/profile/Dilip_Choubey3)
- LinkedIn: (<https://in.linkedin.com/in/dr-dilip-kumar-choubey-52108079>)

CURRENT SPONSORED PROJECTS:

Funded Research Project

Title: “IoT Based Precision Farming for Unstable Indian Environment”

Funded By: “TEQIP Collaborative Research Scheme”

Role: Co-Principal Investigator

Duration: 18th June 2019-30th Sept 2020

Status: Ongoing

Budget: RS 767000/- (Rupees Seven Lakh Sixty Seven Thousand Only)

CONDUCTED/ORGANIZED WORKSHOP'S/SEMINAR'S/CONFERENCE'S/STC

- Conducted one week Faculty Development Program (FDP) as a **Coordinator** in associations with Electronics and ICT Academy, National Institute of Technology Patna on title “Machine Learning and Deep Learning Techniques with its Applications” from 10-12-2019 to 14-12-2019 at Vellore Institute of Technology, Vellore.
- Technical Program Committee of “3rd International Conference Futuristic Trends in Networks and Computing Technologies (FTNCT - 2020)” during 14-16 October, 2020 at Southern Federal University, Taganrog, Russia.
- Technical Program Committee of “International Conference on Machine Intelligence & Data Science Applications (MIDAS 2020) in association with “Next Generation Computing Technologies” (NGCT – Society) during September 4-5, 2020 at University of Petroleum and Energy Studies, Dehradun, India.
- Conducted Half day Faculty Development Program (FDP) in associations with Academic Staff College (ASC) on title “Reinforcement Learning (Introduction, Q-Learning, and SARSA algorithm) and hands on session” held on 09-12-2019 from 10.00 AM to 13.00 PM at Vellore Institute of Technology, Vellore.
- Organizing Committee Member of National Conference on “Emerging Trends in Information Technology” held on 17th August 2013, organized by the Department of Information Technology, Lakshmi Narain College of Technology, Bhopal.

INVITED TALK IN WORKSHOP'S/SEMINAR'S/CONFERENCE'S/STC'S

- Delivered a talk (Hands on Sessions) on “Machine Learning by using WEKA” at Vellore Institute of Technology, Vellore in one Week FDP associations with E&ICT Academy, National Institute of Technology, Patna during 10-12-2019 to 14-12-2019.
- Delivered a talk (Hands on Sessions) on “Building a Collaborative Recommendation” at Vellore Institute of Technology, Vellore in one Week FDP associations with E&ICT Academy, National Institute of Technology, Patna during 10-12-2019 to 14-12-2019.
- Delivered a talk on “Cloud Computing” in National Conference on “Emerging Trends in Information Technology” held on 17th August 2013, organized by the Department of Information Technology, Lakshmi Narain College of Technology, Bhopal.

REVIEWED IN JOURNALS/CONFERENCES/BOOK/BOOK CHAPTERS

- Network Modeling Analysis in Health Informatics and Bioinformatics, Springer
- IETE Journal of Research, Taylor Francis
- International Journal for Numerical Methods in Biomedical Engineering, Wiley
- IEEE Access
- Current Bioinformatics, Bentham Science
- Reviewer of 5th International Conference on Soft Computing: Theories and Applications, 25-27 December 2020, (SoCTA 2020), <http://socta.in/>

- Reviewer of 25th International Symposium on Frontiers of Research in Speech and Music (FRSM 2020), October 8-9, 2020, organized by National Institute of Technology Silchar. <http://frsm2020.nits.ac.in/>
- Review Chapters in Edited Book, “Encyclopedia of Organizational Knowledge, Administration, and Technology, Fifth Edition, IGI Global.
- Review Chapters in Edited Book, “Machine Learning and Deep Learning in Real – Time Applications”, IGI Global. ISBN: 978-1-7998-3095-5. DOI: 10.4018/978-1-7998-3095-5.
- Review Chapters in Edited Book, “Handbook of Research on Advancements of Artificial Intelligence in Healthcare Engineering”, IGI Global. ISBN: 978-1-7998-2120-5. DOI: 10.4018/978-1-7998-2120-5

COMPLETED/ ATTENDED CERTIFICATION’S/ WORKSHOP’S/SEMINAR’S/ CONFERENCE’S/STC

- Successfully Completed a course of 7 Weeks on title “Machine Learning: Classification”, Coursera by a MOOC from the University of Washington on July 2, 2020.
- Attended Faculty Orientation Program (FOP) conducted by Academic Staff College of Vellore Institute of Technology, Vellore, India, during 13 May 2019 – 31 May 2019.
- Attended Two Weeks Course on Introduction to Data Structures and Programming in C jointly organized by the E&ICT Academies, National Institute of Technology Patna from 1st July-10th July, 2017.
- Attended in a three-day International Workshop on Pattern Analysis and Applications organized by Computer Vision and Pattern Recognition Unit, Indian Statistical Institute, 18-20 January, 2017 at Indian Statistical Institute, Kolkata.
- Attended in a one-week National Workshop on Wireless Network Simulation Using NS2/NS3 (WNS 2016) Organized by Department of Computer Science Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand Sponsored by TEQIP II during October 13-18, 2016.
- Attended in a one-week National Workshop on Evolutionary Optimization for Engineering and Scientific Applications (EOESA 2016) Organized by Department of Computer Science Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand Sponsored by TEQIP II during October 03-07, 2016.
- Attended in a one-week National Workshop on Intelligent Computational Technique Applications Organized by Department of Electrical & Electronics Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand & Sponsored by Jharkhand Council of Science & Technology, Ranchi during November 23-27, 2015.
- Attended in a one week course on Fundamentals of Soft Computing and Its Applications organized by the Indian School of Mines, Dhanbad during 09-09-2015 to 13-09-2015.
- Attended TEQIP II Sponsored one-week Faculty Development Programme on Optimization Techniques using Nature Inspired Algorithms for Engineering Applications (19-23 Jan. 2015) Organized by Department of Computer Engineering Rajasthan Technical University, Kota, Rajasthan.
- Attended in a Workshop on Soft Computing and Applications (SCA’14) jointly organized by the Centre for Soft Computing Research (CSCR), ISI, Kolkata and JSS Academy of Technical Education, Noida during September 02-04, 2014.

- Attended “International Conference on Cloud, Big Data and Trust” (ICCBTD-2013) supported by TEQIP-II, November 13-15, 2013 at Rajiv Gandhi Pradyogiki Vishwavidyalaya (State Technological University of MP) Bhopal, India.
- Attended in a Two Week ISTE Workshop on Database Management Systems Conducted by Indian Institute of Technology Bombay from 21-31 May, 2013.

MEMBERSHIP OF PROFESSIONAL BODIES

- The International Association of Engineers (IAENG), Member (Life Time), Member Number: 170186.
- The Internet Society Switzerland (ISOC), Member (Life Time), Member Number: 132337.
- The Society of Digital Information and Wireless Communications (SDIWC), Member (Life Time), Member Id: 16400.
- The Indian Science Congress Association, Annual Member, 2019-20, Membership No.: A3621.

PAST ADMINISTRATIVE RESPONSIBILITY:

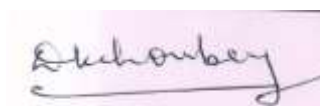
M.Tech (Computer Science and Engineering – Specialisation in AI & ML), SCOPE, Year Coordinator at Vellore Institute of Technology, Vellore, Tamil Nadu.

PERSONAL DOSSIER:

Date of Birth : 26-01-1988.
Father's Name : MR. P. N. Choubey.
Hobbies / Area of Interest : Watching & Playing Cricket, Writing diary, Internet Surfing.
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DECLARATIONS:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.



Place : Bhagalpur

(Dr. DILIP KUMAR CHOUBEY)