
Dr. Arti Jain

Personal Information

Assistant Professor (Sr. Grade)
Department of Computer Science & Engineering
Jaypee Institute of Information Technology
Sector 128, Noida 201304, Uttar Pradesh, India



Residence Address---
Flat No. 502, Tower B5
Jaypee Klassic, Jaypee Wish Town
Sector 134, Noida 201304, Uttar Pradesh, India

Contact No.: +91-9313519476
E-mail: arti.jain3010@gmail.com

Date of Birth

October 30, 1977

Education

PhD (Computer Science & Engineering):

Department of Computer Science & Engineering, Jaypee Institute of Information Technology (JIIT), Noida, India, April 2019

Thesis Topic: Named Entity Recognition for Hindi Language Using NLP Techniques

Thesis Supervisors: 1. Prof Devendra K. Tayal, Dean, IGDTUW, New Delhi, India
2. Dr Anuja Arora, Associate Professor, CSE, JIIT, Noida, India

MS (Software Systems):

Department of Computer Science & Information Systems, Birla Institute of Technology and Science, Pilani, India, CGPA: 6.42, June 2009

Topic of the Dissertation: Rough Set Approach towards Improvement of Morphological Classification of Linguistic Text

Master of Computer Applications:

Department of Computer Science & Applications, Panjab University, Chandigarh, India, First Division (70.46%), June 2002

Topic of the Dissertation: Health Care Clinical Updation Using Boyce Codd Normal Forms

Bachelor of Science (Mathematics Honours):

Department of Mathematics, SGTB Khalsa College, University of Delhi, India, First Division (60.89%), July 1998

Senior School:

Science Group, First Division (CBSE Board), Govt. Composite (Model) Co-Ed. Sr. Sec. School, Shankracharya Marg, Delhi, India, June 1995

Secondary School:

First Division (CBSE Board), Govt. Composite (Model) Co-Ed. Sr. Sec. School, Shankracharya Marg, Delhi, India, June 1993

Employment History

S.N.	Name of Employer	Position held	From	To	Nature of Duty
1.	Jaypee Institute of Information Technology, Sector 128, Noida-201304	Assistant Professor (Sr. Grade)	May 01, 2019	Till date	Teaching, Research
2.	Jaypee Institute of Information Technology, Sector 128, Noida-201304	Assistant Professor (Grade II)	Jan 16, 2015	April 30, 2019	Teaching, Research
3.	Jaypee Institute of Information Technology, Sector 62, Noida-201309	Assistant Professor	July 1, 2013	Jan 15, 2015	Teaching, Research
4.	Jaypee Institute of Information Technology, Sector 62, Noida-201309	Senior Lecturer	July 1, 2011	June 30, 2013	Teaching, Research
5.	Jaypee Institute of Information Technology, Sector 62, Noida-201309	Lecturer	July 1, 2009	June 30, 2011	Teaching, Research
6.	Jaypee Institute of Information Technology, Sector 62, Noida-201309	Associate Lecturer	July 2, 2004	June 30, 2009	Teaching
7.	Neev Education Pvt. Ltd., Delhi-110007	Faculty	Aug 16, 2002	June 30, 2004	Teaching
8.	Young Scholars Book Bank, (Affiliated to IGNOU), Delhi-110007	Academic Counsellor (weekends)	Sept 02, 2002	Dec 30, 2003	Counselling, Teaching

Subjects Taught (UG Level)

1. Big Data Ingestion
2. Machine Learning
3. NLP and Semantic Technologies
4. Natural Language Processing
5. Information Retrieval and Data Mining
6. Data Mining and Data Ware Housing
7. Soft Computing
8. Data Structures through C
9. Unix and Shell Programming
10. Theoretical Foundation of Computer Science
11. Software Development Fundamentals- II
12. Software Development Fundamentals- I
13. Introduction to C Programming

Research Interest

Research interest includes Natural Language Processing, Machine Learning, Data Science, Deep Learning, Social Media Analysis, Soft Computing, Big Data and Data Mining

Publications

H-index (Scopus):	04	H-index (Google Scholar):	06
Citations (Scopus):	102	Citations (Google Scholar):	189
Scopus Indexed Publications:	13	Total No. of Publications:	20

Book Chapters:

1. **Arti Jain**, Archana Purwar, and Divakar Yadav, "Credit Card Fraud Detection Using K-Means and Fuzzy C-Means", In Handbook of Research on Innovations and Applications of AI, IoT and Cognitive Technologies, ISBN13: 9781799868705 | ISBN10: 1799868702 | EISBN13: 9781799868729 | ISBN13 Softcover: 9781799868712, pp. 216-240, 2021. **IGI Global**. (Indexed: **SCOPUS, WoS**). DOI: 10.4018/978-1-7998-6870-5.ch016
2. **Arti Jain**, Rashmi Kushwah, and Abhishek Swaroop, "Role of Artificial Intelligence of Things (AIoT) to Combat Pandemic: COVID-19", In Handbook of Research on Innovations and Applications of AI, IoT and Cognitive Technologies, ISBN13: 9781799868705 | ISBN10: 1799868702 | EISBN13: 9781799868729 | ISBN13 Softcover: 9781799868712, pp. 117-128, 2021. **IGI Global**. (Indexed: **SCOPUS, WoS**). DOI: 10.4018/978-1-7998-6870-5.ch008
3. Aayushi Verma, Jorge Morato, **Arti Jain**, and Anuja Arora, "Relevant Subsection Retrieval for Law Domain Question Answer System", Lecture Notes on Data Engineering and Communication Technologies (LNECT), Hemanth et al. (eds.): Data Visualization and Knowledge Engineering- Spotting Data Points with Artificial Intelligence, Print ISBN: 978-3-030-25796-5, Online ISBN: 978-3-030-25797-2, pp. 299-319, 2020. **SPRINGER (Indexed: SCOPUS, WoS, DBLP, Citations: 3)**. DOI: 10.1007/978-3-030-25797-2_13
4. **Arti Jain**, Devendra K. Tayal, Divakar Yadav, and Anuja Arora, "Research Trends for Named Entity Recognition in Hindi Language", Lecture Notes on Data Engineering and Communications Technologies, Hemanth et al. (eds.): Data Visualization and Knowledge Engineering- Spotting Data Points with Artificial Intelligence, Print ISBN: 978-3-030-25796-5, Online ISBN: 978-3-030-25797-2, pp. 223-248, 2020. **SPRINGER (Indexed: SCOPUS, WoS, DBLP, Citations: 5)**. DOI: 10.1007/978-3-030-25797-2_10
5. **Arti Jain**, Reetika Gairola, Shikha Jain, and Anuja Arora, "Thwarting Spam on Facebook: Identifying Spam Posts Using Machine Learning Techniques", In: Social Network Analytics for Contemporary Business Organizations, Print ISBN 978-15-225-5097-6, Online ISBN 978-15-225-5098-3, pp. 51-70, 2018. **IGI Global (Indexed: SCOPUS, WoS, DBLP, Citations: 1)**. DOI: 10.4018/978-1-5225-5097-6.ch004

International Journals:

1. **Arti Jain**, Arun Kumar Yadav, and Divakar Yadav, "Deep Learning Based Forecasting and Analysis of COVID-19 Transmission in India," European Journal of Clinical Microbiology & Infectious Diseases, Springer (**Communicated, Indexed: SCI, SCOPUS, Q1, SJR: 1.154, H-index: 106, H5-index: 49, H5-median: 71, Impact Factor: 3.267**)
2. **Arti Jain**, Vimal Kumar, and Divakar Yadav, "Automatic Text Summarization for Hindi Using Genetic Algorithm", Computer, Speech and Language, ELSEVIER (**Communicated, Indexed: SCOPUS, INSPEC, WEB OF SCIENCE, H-index: 62**)
3. **Arti Jain**, Divakar Yadav, Devendra K. Tayal, and Anuja Arora, "Context Pattern Based Maximum Entropy Framework for Named Entity Recognition in Hindi Language", Computer

Science, AGH University of Science and Technology, Krakow Poland (**Indexed: ESCI Web of Science and SCOPUS, Q4, SJR: 0.15**). (**Accepted**).

4. **Arti Jain**, Anuja Arora, Divakar Yadav, Jorge Morato, and Amanpreet Kaur, "Text Summarization Technique for Punjabi Language Using Neural Networks", International Arab Journal of Information Technology (IAJIT), Zarqa University, ISSN: 16833198, 23094524, vol. 18, no.6m pp. 807-818, 2021. (**Indexed: SCIE, SCOPUS, DBLP, GOOGLE SCHOLAR, H-index: 27**). DOI: <https://doi.org/10.34028/iajit/18/6/8>
5. **Arti Jain**, Divakar Yadav, and Anuja Arora, "Particle Swarm Optimization for Punjabi Text Summarization", International Journal of Operations Research and Information Systems (IJORIS), ISSN: 1947-9328, EISSN: 1947-9336, vol. 12, no. 3, pp. 1-17, 2021. **IGI GLOBAL (Indexed: SCOPUS, WoS, ACM, DBLP, GOOGLE SCHOLAR)**. DOI: 10.4018/IJORIS.20210701.0a1
6. Arun Kumar Yadav, Divakar Yadav, and **Arti Jain**, "An Improvised Feature-Based Method for Sentiment Analysis of Product Reviews", EAI Endorsed Transactions on Scalable Information Systems, vol. 8, no. 29, e5, pp. 1-8, 2021. (**Indexed: ESCI, WEB OF SCIENCE, DBLP, GOOGLE SCHOLAR, H5-index: 9, H5-median: 12, Citations: 2**). DOI: 10.4108/eai.13-7-2018.165670
7. **Arti Jain**, Devendra K. Tayal, and Anuja Arora, "OntoHindi NER – An Ontology Based Novel Approach for Hindi Named Entity Recognition", International Journal of Artificial Intelligence, ISSN: 0974-0635, vol. 16, no. 2, pp. 136-171, 2018. (**Indexed: SCOPUS, INSPEC, H-index: 17, SJR: 0.619, Citations: 5**). <http://www.ceser.in/ceserp/index.php/ijai/article/view/5760>
8. **Arti Jain**, and Anuja Arora, "Named Entity System for Tweets in Hindi Language", International Journal of Intelligent Information Technologies (IJIT), ISSN: 1548-3657, EISSN: 1548-3665, vol. 14, no. 4, pp. 55-76, 2018. **IGI GLOBAL (Indexed: ESCI, SCOPUS, WEB OF SCIENCE, ACM, DBLP, GOOGLE SCHOLAR, H-index: 12, SJR: 0.323, Citations: 6)**. DOI: 10.4018/IJIT.2018100104
9. **Arti Jain**, and Anuja Arora, "Named Entity Recognition in Hindi Using Hyperspace Analogue to Language and Conditional Random Field", Pertanika Journal of Science & Technology, ISSN: 0128-7680, EISSN: 2231-8526, vol. 26, no. 4, pp. 1801-1822, 2018 (**Indexed: ESCI, SCOPUS, DOAJ, GOOGLE SCHOLAR, H-index: 8, H5-index: 7, H5-median: 11, SJR: 0.16, Citations: 5**). [http://www.pertanika.upm.edu.my/resources/files/Pertanika%20PAPERS/JST%20Vol.%2026%20\(4\)%20Oct.%202018/16%20JST-0994-2017.pdf](http://www.pertanika.upm.edu.my/resources/files/Pertanika%20PAPERS/JST%20Vol.%2026%20(4)%20Oct.%202018/16%20JST-0994-2017.pdf)
10. Devendra K. Tayal, **Arti Jain**, A., Surbhi Arora, Surbhi Agarwal, Tushar Gupta, and Nikhil Tyagi, "Crime Detection and Criminal Identification in India Using Data Mining Techniques", AI & SOCIETY, Journal of Knowledge, Culture and Communication, ISSN: 0951-5666, EISSN: 1435-5655, vol. 30, no. 1, pp. 117-127, 2015. **SPRINGER (Indexed: SCOPUS, ACM, INSPEC, DBLP, GOOGLE SCHOLAR, H-index: 23, H5-index: 16, H5-median: 25, SJR: 0.227, Citations: 93)**. DOI: 10.1007/s00146-014-0539-6
11. Jai P. Gupta, Devendra K. Tayal, and **Arti Gupta**, "A TENGRAM Method based Part-of-Speech Tagging of Multi-Category Words in Hindi Language", Expert Systems with Applications, ISSN: 0957-4174, vol. 32, no. 12, pp. 15084-15093, 2011. **ELSEVIER (Indexed: SCI, SCOPUS, ACM, DBLP, GOOGLE SCHOLAR, H-index: 145, H5-index: 111, H5-median: 152, SJR: 1.271, Impact Factor: 3.768, SNIP: 2.449, Citations: 14)**. DOI: 10.1016/j.eswa.2011.05.036

International Conference Proceedings:

1. Arun Kumar Yadav, **Arti Jain**, Jorge Luis Morato Lara, and Divakar Yadav, "Retinal Blood Vessel Segmentation Using Convolutional Neural Networks," In Proceedings of the 13th International Joint Conference on Knowledge Discovery, Knowledge Engineering and

Knowledge Management (IC3K 2021) - ISBN: 978-989-758-533-3; ISSN: 2184-3228, vol. 1: Knowledge Discovery and Information Retrieval (KDIR), Setúbal, Portugal, pp. 292-298, Oct 25-27, 2021. **SCITEPRESS, SPRINGER CCIS (Indexed: SCOPUS, Google Scholar, DBLP)**. DOI: 10.5220/0010719500003064

2. Neha Bhadrawale, Rajeev Kumar Gupta, and **Arti Jain**, "Semi-Automatic Boundary Detection of Weak Edges for Medical Image Analysis," In Proceedings of the International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020), Gwalior, India, pp. 1-10, Oct. 15-16, 2020. **SPRINGER (Indexed: SCOPUS)**.
3. Rashmi Kushwah, Payal Khurana Batra, and **Arti Jain**, "Internet of Things Architectural Elements, Challenges and Future Directions," In Proceedings of the 6th International Conference on Signal Processing and Communication (ICSC), Noida, India, pp. 51-57, March 5-7, 2020. **IEEE (Indexed: SCOPUS, Citations: 6)**. DOI: 10.1109/ICSC48311.2020.9182773
4. Fahad Siddiqui, Shubham Gupta, Shashwat Dubey, Shariq Murtuza, and **Arti Jain**, "Classification and Diagnosis of Invasive Ductal Carcinoma Using Deep Learning," In Proceedings of the 10th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2020), Noida, India, pp. 242-247, Jan. 29-31, 2020. **IEEE (Indexed: SCOPUS, Citations: 2)**. DOI: 10.1109/Confluence47617.2020.9058077
5. Shaurya Uppal, **Arti Jain**, and Anuja Arora, "Comparative Analysis for Key Terms Extraction Methods for Personalized Search Engines," In Proceedings of the 10th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2020), Noida, India, pp. 358-363, Jan. 29-31, 2020. **IEEE (Indexed: SCOPUS, Citations: 1)**. DOI: 10.1109/Confluence47617.2020.9057810
6. **Arti Jain**, A., Shashank Tripathi, Harsh Dhar Dwivedi, and Pranav Saxena, "Forecasting Price of Cryptocurrencies Using Tweets Sentiment Analysis," In Proceedings of the 11th International Conference on Contemporary Computing (IC3-2018), Noida, India, pp. 1-7, Aug. 2-4, 2018. **IEEE (Indexed: SCOPUS, DBLP, H5-index: 11, H5-median: 18, SJR: 0.127, Citations: 25)**. DOI: 10.1109/IC3.2018.8530659
7. **Arti Jain**, Ashutosh Gupta, Nikhil Sharma, Shubham Joshi, and Divakar Yadav, "Mining Application on Analyzing Users' Interests from Twitter," In Proceedings of the 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT-2018), MNIT Jaipur, India, pp. 20-27, March 26-27, 2018. **ELSEVIER-SSRN (Citations: 9)**. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3166015
8. **Arti Jain**, Divakar Yadav, and Devendra K. Tayal, "NER for Hindi Language Using Association Rules," In Proceedings of the International Conference on Data Mining and Intelligent Computing (ICDMIC-2014), Delhi, India, pp. 1-5, Sept.5-6, 2014. **IEEE (Indexed: SCOPUS, H-index: 5, SJR: 0.13, Citations: 12)**. DOI: 10.1109/ICDMIC.2014.6954253
9. **Arti Jain**, Harendra Kumar, Prakhar Vishnoi, and Shiraz Saad, "Web Advertisement Image Filtration Using Internet Image Advertisement Blocker Tool," In Proceedings of the International Conference on Electronics, Communication and Information Technology, Patiala, India, pp. 1-3, Oct. 4-5, 2013.

Editorial Board, Review Committee and Examiner

International Editorial Board:

1. International Advisory Board Member, International Journal of Innovations in Engineering & Technology (IJJET), online peer reviewed journal, ISSN: 2319-1058. <http://ijjet.com/editorial-board-2/>
2. International Editorial Board Member, Journal of Technological Advancements (JTA), IGI Global, DOI: 10.4018/JTA <https://www.igi-global.com/journal/journal-technological-advancements/269965#editorial-board>

3. International Editorial Board Member, American Journal of Neural Networks and Applications (AJNNA), Science Publishing Group, ISSN: 2469-7400 | EISSN: 2469-7419. <http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=339>
4. International Advisory Committee Member, 4th International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-21), Maldives. <https://icrtmdr.com/international-advisory-committee.php>
5. International Scientific Committee Member, International Conference on Applied Sciences, Engineering, Technology & Management (ICASETEM 2021), Organized by: Crown University College, Ghana, South Africa In Association with Institute For Engineering Research and Publication (IFERP). <https://icasetem.com/scientific-committee-members.php>
6. International Organizing Committee Member, 1st International Conference on Applied Engineering and Natural Sciences (ICAENS 2021), Konya, Turkey. <https://www.icaens.com/com>
7. International Advisory Committee Member, 3rd International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-20), Maldives. <https://icrtmdr.com/international-advisory-committee.php>
8. International Advisory Committee Member, International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM-2020), Dubai, UAE. <https://www.icasetm.com/international-advisory-committee.php>

National Editorial Board:

1. National Advisory Committee Member, International Conference on Artificial Intelligence: Theory & Applications (AITA 2021), Department of Electronics & Communication Engineering, NIT Patna, India. <https://www.aita2021.in/commitee/nadvisory.html>
2. National Advisory Committee Member, International Conference on Futuristic Trends for Sustainable Ecosystem (FTSE-2021), Rai University, Gujarat, India. https://www.raiversity.edu/conference_2021/committee.html
3. National Advisory Committee Member, Atal Advisory Committee, Atal Tinkering Lab, Jaypee Public School Noida, August 2020 - till date. <http://jaypeeschools-jpsnoida.edu.in/content/committees>

Reviewer- International Journals:

1. International Journal of Information Technology and Decision Making (IJITDM), World Scientific, ISSN: 0219-6220, Indexed: SCIE, Scopus
2. CMC-Computers, Materials & Continua, Tech Science Press, ISSN: 1546-2226, Indexed: SCI, Scopus
3. International Journal of Business Analytics (IJBAN), IGI Global, ISSN: 2334-4547, Indexed: ESCI, WoS, Scopus
4. International Journal of E-Business Research (IJEBR), IGI Global, ISSN: 1548-1131, Indexed: ESCI, Scopus
5. Connection Science, Taylor & Francis, ISSN: 0954-0091, Indexed: SCI, Scopus
6. Financial Innovation (FIN), Springer, ISSN: 2199-4730, Indexed: Scopus, WoS
7. Global Research & Development (GRD) Journals, ISSN: 2455-5703, Indexed: Google Scholar
8. Intelligent Systems in Accounting, Finance and Management: An International Journal, John Wiley & Sons, Online ISSN: 2160-0074, Indexed: Scopus, DBLP, WOS

9. International Journal of Statistics and Mathematics, Premier Publishers, ISSN: 2375-0499, Indexed: Google Scholar
10. International Journal of Information Technology and Web Engineering (IJITWE), IGI Global, ISSN: 1554-1045 | EISSN: 1554-1053 | DOI: 10.4018/IJITWE
11. International Journal of Artificial Intelligence and Machine Learning (IJAIML), IGI Global, ISSN: 2642-1577 | EISSN: 2642-1585 | DOI: 10.4018/IJAIML
12. International Journal of Data Mining, Modelling and Management, Inderscience, ISSN: 1759-1171.
13. Computer Reviews Journal, ISSN: 2581-6640, Funded by: PANTH KHALSA, 2018-19.
14. Transactions on Intelligent Systems and Applications (TISA), Indira Gandhi Delhi Technical University for Women, India, 2018-19.
15. International Journal of Computers and Applications, Taylor & Francis, ISSN: 1206-212X | EISSN: 1925-7074, 2018-19.

TPC/Reviewer- International Conferences:

1. TPC member, 3rd International Conference on Artificial Intelligence and Machine Learning (CAIML 2022), Toronto, Canada. <https://www.itcse2022.org/caiml/committee>
2. Technical-Scientific Program Committee Member, International Conference on Computational Intelligence for Engineering and Management Applications (CIEMA 2022), India - Serbia, Organizers: European Centre for Operation Research (ECOR), Serbia; Regional Association for Security and Crisis Management (RABEK), Serbia; Mathematical Institute SANU, Serbia; MCKV Institute of Engineering, West Bengal, India; CT Institute of Engineering, Management & Technology, Punjab, India; Adonic Informatics, India; Sultan Moulay Slimane University, Morocco. SPRINGER. https://www.ciema22.rabek.org/?page_id=23
3. TPC member, 3rd International Conference on Advances in Distributed Computing and Machine Learning (ICADCML 2022), NIT Warangal India. SPRINGER. <https://www.icadcml.in/>
4. TPC member, The 2nd International Conference on Modern Management based on Big Data (MMBD 2021), Quanzhou, China. (Gmail)
5. TPC member, 2nd Congress on Intelligent Systems (CIS 2021), Soft Computing Research Society and Christ (Deemed to be University), Bengaluru, India. SPRINGER. (EasyChair)
6. Reviewer, 6th International Conference on Computational Intelligence in Data Mining (ICCIDM 2021), Aditya Institute of Technology and Management, Andhra Pradesh, India. SPRINGER. (EasyChair)
7. TPC member, 3rd International Conference on Soft Computing and its Engineering Applications (icSoftComp2021), Charusat, Changa, Gujarat, India. SPRINGER CCIS. <https://www.charusat.ac.in/icSoftComp2021/committees.php>
8. Reviewer, International Conference on Futuristic Sustainable Energy (ICFSE 2021), Dehradun, Uttarakhand, India. (EasyChair)
9. Reviewer, The International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME 2021), Mauritius. IEEE. (EasyChair)
10. Reviewer, 13th International Conference on Contemporary Computing (IC3-2021), JIIT Noida. IEEE. (EDAS)
11. TPC member, 1st International Conference on Recent Trends in Parallel and Distributed Processing Techniques (RTPDP-2021), Galgotias College of Engineering & Technology, Greater Noida, India. <https://www.rtpdp.com/technical-program-committee>

12. TPC member, 13th International Conference on Knowledge Discovery and Information Retrieval (KDIR-2021), Setúbal, Portugal. <http://www.kdir.ic3k.org/ProgramCommittee.aspx>
13. TPC member, International Conference on Advanced Engineering, Technology and Applications (ICAETA-2021), Istanbul Aydın University, Istanbul, Turkey. <https://icaeta.aiplustech.org/committee.html>
14. TPC member, International Conference on Artificial Intelligence and Machine Vision (AIMV 2021), School of Technology, Pandit Deendayal Energy University, Gandhinagar, Gujarat, India. <https://www.aimv.in/oc.html>
15. TPC member, International Conference on Data Analytics & Management: An Indo-European Conference (ICDAM 2021), Organized Jointly: Jan Wyżykowski University, Poland & Panipat Institute of Engineering and Technology, India & IIS (Deemed to be University), Jaipur, India, 2021. Springer. <https://icdam-conf.com/committe>
16. TPC member, Second International Conference on Smart Technologies for Smart Nations (SmartTechCon 2021), Universiti Putra Malaysia (UPM), Malaysia, 2021. IEEE. <https://smarttech-conference.org/2021/tc.html>
17. TPC member, 5th International Conference on Computing Methodologies and Communication (ICCMC 2021), Surya Engineering College, Erode, Tamil Nadu, India, 2021. IEEE. <http://icocmc.com/2021/committee.html>
18. TPC member, 2nd International Conference on Artificial Intelligence and Machine Learning (CAIML 2021), Sydney, Australia, 2021. <https://itcse2021.org/caiml/committee.html>
19. TPC member, 4th International Conference on Recent Advancements in Engineering and Technology (ICRAET 2021), New Delhi, India, 2021. <https://www.icraet.in/outreach-committee.php>
20. TPC member, Workshop on Computer Methods in Medicine & Health Care (CMMHC), 2021 Autumn Edition of Transdisciplinary Information Sciences Conferences (TDI Conferences), 2021. <http://www.tdiconference.com/CMMHC.html>
21. TPC member, International Conference on Cloud Computing, Networking and Communications (CCNC 2021), Vancouver, Canada, 2021. <http://canada-acee.org/conf/CCCNC/committee.html>
22. TPC member, Multilingual and Interlingual Semantic Representations for Natural Language Processing (MISRNL-2021), New Delhi, India, 2021. Springer. <https://sites.google.com/view/misrnlp-2021/technical-committee>
23. Reviewer, 2nd Doctoral Symposium on Computational Intelligence (DoSCI 2021)- An International Conference, Dr APJ Abdul Kalam Technical University Lucknow, 2021. Springer. (EasyChair)
24. Reviewer, 7th International Conference on Electrical, Electronics and Computer Engineering (UPCON-2020), Uttar Pradesh, India, 2020. IEEE. (MicrosoftCMT)
25. Reviewer, DSAI 2020, 9th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion, online, co-located with TECH-EDU 2020. ACM SIGACCESS.
26. Reviewer, 6th Students' Conference on Engineering & Systems (SCES-2020), MNNIT Allahabad, Uttar Pradesh, India, 2020. IEEE. (EasyChair)
27. TPC member, 10th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2020), Noida, India, 2020. IEEE. <https://www.easychair.org/my/verified?info=101182732.Pu1hVgJ0C0yPzxL>
28. Reviewer, International Conference on Smart Sustainable Intelligent Computing and Applications under ICITETM-2020 (Innovative Trends in Engineering Technology and Management), New Delhi, India, 2020. (EasyChair)

29. Reviewer, 3rd International Conference on Innovative Computing and Communication (ICICC-2020), New Delhi, India, 2020. Springer. (EasyChair)
30. Reviewer, International Conference on Big Data, Machine Learning and Applications (BigDML 2019), NIT Silchar, India, 2019. (EasyChair)
31. Reviewer, 5th Students' Conference on Engineering and Systems (SCES-2019), MNNIT Allahabad, India, 2019. IEEE. (EasyChair)
32. Reviewer, International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (ComITCon-2019), Haryana, India, 2019. IEEE. (EasyChair)
33. Reviewer, 5th International Conference on Electrical, Electronics and Computer Engineering (UPCON-2018), Uttar Pradesh, India, 2018. IEEE. (EasyChair)

Reviewer- International Books:

1. Handbook of Research on New Investigations in Artificial Life, AI, and Machine Learning, IGI Global, 2021.
2. Tools, Languages, Methodologies for Representing Semantics on the Web of Things, WordPress, 2021.

International Examiner:

1. External Examiner for Dissertation, Masters in Science (AI), University of Malta (Europe), 2020.

National Examiner:

1. External Examiner for Minor Project Presentation, CSE - VI Semester, Rabindranath Tagore University (Formerly known as AISECT University), Raisen, Madhya Pradesh, India, July 12, 2021.
2. Judge for the event, "Sustain in Scratch", JPS Socio Fest 2020, Virtual Interschool Competition, Jaypee Public School, Noida, August 6, 2020.
3. Judge for the event, "Director's Cut", JPS Socio Fest 2020, Virtual Interschool Competition, Jaypee Public School, Noida, August 7, 2020.
4. Judge for the event, "Innovate for All", ScienceExploravision-2019, Inter-School Competition, Jaypee Public School, Noida, August 8, 2019.

Editorial Books- Upcoming

1. Rajeev Gupta, **Arti Jain**, John Wang, Ved Prakash Singh, and Santosh Bharti, "Artificial Intelligence of Things for Weather Forecasting and Climatic Behavioral Analysis", IGI Global, Upcoming: 2022.
2. Sailesh Iyer, **Arti Jain**, and John Wang, "Handbook of Research on Lifestyle Sustainability and Management Solutions Using AI, Big Data Analytics, and Visualization," IGI Global, ISBN13: 9781799887867 | ISBN10: 1799887863 | EISBN13: 9781799887881, 2021.

Special Issues (Guest Editor) - International Journals

1. **Arti Jain**, John J. Wang, Divakar Yadav, Jorge Luis Morato Lara, Dinesh C. S. Bisht, "Concepts, Modelling and Applications of Fast Learning Using Soft Computing," International Journal of Fuzzy System Applications (IJFSA), IGI Global, 2021. ISSN:2156-177X | EISSN: 2156-1761 | DOI: 10.4018/IJFSA (Indexed: SCOPUS, DBLP)
2. Rajeev Kumar Gupta, **Arti Jain**, and Jude Hemanth, Special Issue on "Explainable AI in Healthcare Informatics and Clinical Decision Support," International Journal of Business Analytics (IJBAN), IGI Global, 2021. ISSN: 2334-4547 | EISSN: 2334-4555 | DOI: 10.4018/IJBAN (Indexed: ESCI, SCOPUS, WoS)

Special Sessions - International Conferences

1. Session Chair and Session Organizer, **Arti Jain** and Arun Kumar Yadav, “Development of Digital Solutions Using Big Data and Analytics”, International Conference on Innovative Computing and Communication (ICICC 2022), Organized by: Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, India In Association with National Institute of Technology, Patna & Korea Institute of Digital Convergence, South Korea, Universidad de Valladolid, Spain, February 19-20, 2022. Springer.
2. Session Chair, **Arti Jain**, KDIR-7A: Oral Presentations: Information Extraction, 13th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2021), 13th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K), Setúbal, Portugal, Oct 25-27, 2021.
3. Session Chair, **Arti Jain**, International Conference on Artificial Intelligence and Machine Vision (AIMV 2021), Pandit Deendayal Energy University, Gandhinagar, Gujarat, India, September 24-26, 2021. IEEE.
4. Session Chair and Session Organizer, **Arti Jain** and Rashmi Kushwah, “IoT Enabled Smart Environment Using Innovation in Data Science and Machine Learning Techniques”, Multidisciplinary International Conference on Futuristic Trends for Sustainable Ecosystem (FTSE-2021), Organized by: RAI University, Gujarat, India In Collaboration with Universidad Autonoma de Tamaulipas (UAT), Mexico, August 26-28, 2021. Springer CCIS.
5. Session Chair and Session Organizer, **Arti Jain** and Archana Purwar, “Recent Trends in Big Data, Green Computing, Natural Language Processing using Machine Learning”, 4th International Conference on Innovative Computing and Communication (ICICC 2021), Organized by: Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, India In Association with University of Valladolid, Spain and National Institute of Technology, Patna, India, February 20-21, 2021. Springer.
6. Session Chair and Session Organizer, **Arti Jain** and Anuja Arora, “Societal Issues and Problems Solutions using Artificial Intelligence”, 3rd International Conference on Innovative Computing and Communication, Organized by: Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, India In Association with NIT Patna, India and University of Valladolid Spain, February 21-23, 2020. Springer.

Membership in Professional Societies

1. Senior Member IEEE (SMIEEE), Membership Number: 94257877, since July 2021.
2. Senior Member, Society of Academicians of Fundamental & Applied Sciences- SAFAS Member NO.: 2106, since Feb. 2021.
3. Regular Member, INSTICC, Member Number: #18513, since April, 2020.
4. International Association of Engineers- IAENG Member Number: 242280, since July 2019.
5. Life Time Member, Institute for Engineering Research and Publication (IFERP)- PM25314089, since Aug 2020.
6. Life-Time Member, Teaching and Education Research Association- TERA Membership ID: TERA-M19763, since Feb 2019.

Specialized Short-Term Courses Attended

1. Five days ATAL FDP on “Big Data and Analytics”, BNM Institute of Technology, Bengaluru, Karnataka, Sept 20-24, 2021.
2. Five days AICTE Training and Learning (ATAL) Academy Programmes on “Innovation Management”, Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra, Sept 6-10, 2021.

3. One week FDP, "Current Trends in Machine Learning and Deep Learning: A Hands-on Approach", Bharati Vidyapeeth's College of Engineering, In Association with Techshuttle, New Delhi, July 26-31 2021.
4. One week FDP, "Deep Learning for Natural Language Processing (DL-NLP 2021)", Jaypee Institute of Information Technology, Noida, Uttar Pradesh, June 28-July 3, 2021.
5. Five days AICTE Training and Learning (ATAL) Academy online FDP on "Telemedicine and Digital Healthcare: Opportunities & Threats", Rabindranath Tagore University, Madhya Pradesh, May 17-21, 2021.
6. Two days workshop on "Managing Personal Finances", Department of Humanities & Social Sciences, JIIT Noida, India, April 07-08, 2021.
7. One week International Knowledge Development Program on "Artificial Intelligence: Recent Advances and Future Prospects", Special Minds, India, Feb. 22-28, 2021.
8. Three days webinar on "Next Generation Security and Analytics for Mobile Assisted Remote Healthcare (N-SAMARTH)", Delhi Technical University, Delhi, India, Jan. 12-14, 2021.
9. Five days AICTE Training and Learning (ATAL) Academy online FDP on "Computer Science & Biology", SRM Institute of Science and Technology, Uttar Pradesh, Oct. 19-23, 2020.
10. Two days "International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020)", Amity University Gwalior, MP, India, Oct. 15-16, 2020.
11. One day "Jan Andolan COVID-19 Appropriate Behaviour" pledge, conducted by Government of India, Oct. 13, 2020.
12. Five days AICTE Training and Learning (ATAL) Academy online FDP on "Data Sciences", Central University of Tamil Nadu, Oct. 5-9, 2020.
13. One day webinar on "Learning Path to Data Science", Institute for Engineering Research and Publication (IFERP), Sept. 26, 2020.
14. Five days FDP on "Universal Human Values for DEEKSHARAMBH (Student Induction Program)", organized by NIT Patna, Sept. 21-25, 2020.
15. One day online live training on "Deep Learning Using Medical Data", Finland Labs, Sept. 20, 2020.
16. Three days short-term training program on "Applications on MATLAB in Mathematics, Science and Engineering", St. Vincent Pallotti College of Engineering and Technology in Association with The Institution of Engineers (India), Nagpur, Sept. 15-17, 2020.
17. One week FDP on "Recent Trends in Computer Science and Application (RTCSA-2020)", Vikash School of Business Management, Bargarh, Odisha, Sept. 01-06, 2020.
18. Two days course on "Statistical Analysis Using R", QTanalytics India, Aug. 22-23, 2020.
19. One week National level Faculty Development Program on "Introduction to Artificial Intelligence and Machine Learning", Geethanjali College of Engineering and Technology, Cheeryal, Hyderabad, In Association with CSI-Hyderabad, May 25-30, 2020.
20. One day "Western Sports Quiz", organized by Western College of Commerce & Business Management, Sanpada, Navi Mumbai, Maharashtra, May 24, 2020.
21. One day "COVID-19 Awareness Quiz", conducted by Amity Institute of Biotechnology, Amity University Mumbai, May 23, 2020.
22. Five days FDP on "Research Methodology- Tools and Techniques", IILM College of Engineering & Technology, Gr. Noida, May 18-22, 2020.

23. Two days workshop on “ML and AI Using Covid 19 Virus Data Analysis”, Organizer Finland Labs in Association with National Social Summit IIT Roorkee, May 16-17, 2020.
24. One day “National Technology Day 2020” Awareness Program & Quiz Challenge conducted by Bio Design Innovation Centre, RDVV Jabalpur, Madhya Pradesh, May 13, 2020.
25. Five days online summer Training Program/FDP on “Artificial Intelligence and Machine Learning Using Python”, Organizer Finland Labs In Association with National Social Summit IIT Roorkee, May 11-15, 2020.
26. One day “A Workshop on Improving Research Planning & Writing Skills at Technical Institutes”, Conducted by AICTE, Department of Higher Education, MHRD, April 28, 2020.
27. One day forum on “Artificial Intelligence for COVID-19 Forum 2020”, Conducted by GR Foundation, India, April 5, 2020.
28. Three days “6th International Conference on Signal Processing and Communication (ICSC)”, IIIT Noida, March 5-7, 2020.
29. Three days “3rd International Conference on Innovative Computing and Communication (ICICC)”, Organizers- Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi, India, In Association with NIT Patna, India and University of Valladolid Spain, Feb. 21-23, 2020.
30. One day workshop on “Arduino, A Course in the IoT Series”, Conducted by IIT Bombay (PMMMNMIT, MHRD Project), held at IIIT Noida, Feb. 8, 2020.
31. Three days “10th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2020)”, Amity University, Noida, Jan. 29-31, 2020.
32. One day “Workshop on R”, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India, Teaching Learning Centre (ICT), FOSSEE & Spoken Tutorials, IIT Bombay, held at IIIT Noida, Dec. 17, 2019.
33. One week FDP on “Innovative Teaching Learning Methodologies”, IIIT Noida, Dec. 9-14, 2019.
34. Two days workshop on “IPR and Patenting in India”, IIIT Noida, Nov. 29-30, 2019.
35. One week faculty development program on “Advances in Network Modelling and Optimization Techniques”, IIIT Noida, June 3-8, 2019.
36. One day “Workshop on Scilab”, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India, Teaching Learning Centre (ICT), FOSSEE & Spoken Tutorials, IIT Bombay, held at IIIT Noida, May 04, 2019.
37. Two days workshop on “Emerging Computational Methods for Science and Engineering Applications”, IIIT Noida, March 15-16, 2019.
38. Three days National Symposium on “Intelligent Systems – Techniques and Research Applications”, IIIT Noida, Dec. 20-22, 2018.
39. Three days “National Workshop on Data Science and Visualization Tools”, IIIT Noida, Nov. 15-17, 2018.
40. Two weeks short-term course on “Summer School on Security in Computing (SSSIC-2018)”, IIIT Noida, June 25-July 7, 2018.
41. Two days National Workshop on “Soft Computing and Language Processing”, IIIT Noida, April 27-28, 2018.
42. Two days “International Conference on Internet of Things and Connected Technologies (ICIoTCT-2018)”, MNIT Jaipur, India, March 26-27, 2018.

43. One day workshop on “GST: Concept and Application”, IIIT Noida, Dec. 9, 2017.
44. Two days “National Workshop on Computational Intelligence (NWCi-2017)”, IIIT Noida, Dec. 1-2, 2017.
45. One week workshop on “Data Mining and Business Intelligence through ICT”, Sponsored by NITTR, held at IIIT Noida, Sep. 4-8, 2017.
46. One week Faculty Development Program on “Information Systems Frontiers (ISF-2017)”, IIIT Noida, June 5-10, 2017.
47. Three days “National Workshop on Big Data Analytics and Visualization”, IIIT Noida, Sep. 5-7, 2016.
48. One week Faculty Development Program on “Intelligent Systems & Automation Technology”, IIIT Noida, June 20-25, 2016.
49. Three days “National Workshop on Computational Intelligence (NWCi-2016)”, IIIT Noida, May 26-28, 2016.
50. Two days workshop on “Numerical Methods Using Scilab”, IIIT Noida, April 8-9, 2016.
51. Two days National Workshop on “Mobile Technology”, IIIT Noida, March 17-18, 2016.
52. Three days National Workshop on “Information Security”, IIIT Noida, Dec. 22-24, 2015.
53. One week Faculty Development Program on “Mobile Technology”, IIIT Noida, July 13-18, 2015.
54. One week “International Workshop on Data and Text Analytics”, Joint Organizers- South Asian University, New Delhi, Uttar Pradesh Technical University, Lucknow, and JSS Academy of Technical Education, Noida, held at JSS Noida Campus, India, Dec. 8-13, 2014.
55. Two days “International Conference on Data Mining and Intelligent Computing (ICDMIC-2014)”, Indira Gandhi Delhi Technical University for Women, Delhi, India, Sept. 5-6, 2014.
56. Three days “International Conference on Contemporary Computing”, Joint Organizers- Jaypee Institute of Information Technology, and University of Florida, held at IIIT Noida, Aug. 7-9, 2014.
57. One week Faculty Development Program on “Effective Teaching”, IIIT Noida, July 28 - Aug. 2, 2014.
58. Two days symposium “Microsoft Faculty Connect Summer Symposium”, Microsoft Corporation, DLF Cyber City, Gurgaon, Haryana, India, June 26-27, 2014.
59. One week “International Workshop on Machine Learning and Text Analytics”, South Asian University, New Delhi, India, Dec. 15-23, 2013.
60. Two days “International Conference on Electronics, Communication and Information Technology, Thapar University, Patiala, India, Oct. 4-5, 2013.
61. One day workshop on “How to Write for and Get Published in Journals and Publish Manuscripts”, Joint Organizers- School of Computers & Information Sciences IGNOU and SPRINGER, New Delhi, India, Jan. 25, 2013.
62. Three days “International Conference on Contemporary Computing (IC3)”, Joint Organizers- IIIT Noida and University of Florida, held at IIIT Noida, Aug. 6-8, 2012.
63. One day workshop on “AnglaBharti Machine Translation Paradigm”, JSS Academy of Technical Education, Noida, Uttar Pradesh, India, Nov. 25, 2011.
64. Two days Faculty Development Program on “Natural Language Processing”, JSS Academy of Technical Education, Noida, Uttar Pradesh, India, Nov. 23-24, 2011.

65. Three days “International Conference on Contemporary Computing (IC3-2011), Joint Organizers: IIIT Noida and University of Florida, held at IIIT Noida, Aug. 8-10, 2011.
66. One week workshop on “Data Mining & Data Warehousing”, Indo US Collaboration for Engineering Education (IUCEE) Faculty Leadership Institutes (FLI), Guru Nanak Engineering College, Ibrahimpatnam, Hyderabad, Andhra Pradesh, India, June 27-July 1, 2011.
67. Two days “Workshop on Data Mining- Research Issues, Recent Trends & PASW® Modeler 12.0 Based Implementation”, Indira Gandhi Institute of Technology (IGIT), GGSIP University, Delhi, India, March 4-5, 2011.
68. One day workshop on “Challenges and Evolving Approaches for Teaching AI and Related Courses”, IIIT Noida, Nov. 13, 2010.
69. One day workshop on “Research Methodology for Computer Science”, IIIT Noida, Nov. 12, 2010.
70. One day “Mini Conference on Contemporary Intelligent Systems (CCIS-2010)”, IIIT Noida, Nov. 11, 2010.
71. One day workshop on “Advanced Computing and Software Tools”, IIIT Noida, Oct. 30, 2010.
72. One day workshop on “Conducting Design Science Research in Information Technology”, IIIT Noida, Oct. 19, 2010.
73. Three days “International Conference on Contemporary Computing (IC3-2010), Joint Organizers- Jaypee Institute of Information Technology, India and University of Florida, Gainesville, USA, held at IIIT Noida, Aug. 9-11, 2010.
74. Three days “International Conference on Contemporary Computing (IC3-2009), Joint Organizers- IIIT Noida and University of Florida, Gainesville, USA, held at IIIT Noida, Aug. 17-19, 2009.
75. Two days workshop on “Faculty Development Program”, Accenture, DLF Cyber City, Gurgaon, Haryana, India, Feb. 9-10, 2009.
76. Three days “International Conference on Contemporary Computing (IC3-2008), Joint Organizers- Jaypee Institute of Information Technology, India and University of Florida, Gainesville, USA, held at IIIT Noida, Aug. 7-9, 2008.
77. One day workshop on “Linux and Open Source”, Joint Organizers- Computer Society of India (CSI)-Ghaziabad Chapter and Indian Linux User’s Group- Delhi (ILUG-D), Inderaprashta Engineering College, Ghaziabad, UP, India, June 7, 2008.
78. One day seminar on “Model Driven Development Using Telelogic Rhapsody”, Intercontinental Park Royal, Nehru Place, Delhi, India, March 15, 2007.
79. Two days conference on “Global Issues in Higher and Technical Education”, IIIT Noida, March 2006.
80. One-week “Faculty Development Programme”, IIIT Noida, July 11-15, 2005.
81. One-week workshop on “Faculty Development Program”, Jaypee University of Information Technology (JUIT), Wagnaghat, Solan, Himachal Pradesh, India, July 8-16, 2004.

Papers Presented- International Conferences

1. Presented a paper titled “Retinal Blood Vessel Segmentation Using Convolutional Neural Networks,” In Proceedings of the 13th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2021), 13th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K), Setúbal, Portugal, Oct 25-27, 2021.

2. Presented a paper titled "Semi-Automatic Boundary Detection of Weak Edges for Medical Image Analysis", In Proceedings of the International Conference on Recent Advances in Design, Materials and Manufacturing (ICRADMM 2020), Amity University Gwalior, Madhya Pradesh, India, Oct. 15-16, 2020.
3. Presented a paper titled "Internet of Things Architectural Elements, Challenges and Future Directions," In Proceedings of the 6th International Conference on Signal Processing and Communication (ICSC), Noida (India), March 5-7, 2020.
4. Presented a paper titled "Classification and Diagnosis of Invasive Ductal Carcinoma Using Deep Learning," In Proceedings of the 10th International Conference on Cloud Computing, Data Science & Engineering (CONFLUENCE-2020), Amity University, Noida (India), Jan. 29-31, 2020.
5. Presented a paper titled "Mining Application on Analyzing Users' Interests from Twitter", In Proceedings of the 3rd International Conference on Internet of Things and Connected Technologies (ICloCT-2018), Malaviya National Institute of Technology (MNIT), Jaipur (India), March 26-27, 2018.
6. Presented a paper titled "NER for Hindi Language Using Association Rules", In Proceedings of the International Conference on Data Mining and Intelligent Computing (ICDMIC-2014), Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi (India), Sept. 5-6, 2014.
7. Presented a paper titled "Web Advertisement Image Filtration Using Internet Image Advertisement Blocker Tool", In 1st International Conference on Electronics, Communication and Information Technology, Thapar University, Patiala (India), Oct. 4-5, 2013.

Invited Talks Delivered

International Talks:

1. Invited Speech, "Named Entity Recognition for Hindi Language Using Health Corpora", 2021 Workshop on Computer Methods in Medicine & Health Care, Transdisciplinary Information Sciences Conferences (TDI), China, Sept 26, 2021.
2. Keynote Speaker, "Telemedicine- Present and Future Aspects of Big Data Analytics", 2nd International Webinar on Big Data Analytics and Data Science, Coalesce Research Group, Greenville, South Carolina, USA, Sept 6, 2021.

National Talks:

1. Delivered expert lecture on "Fundamentals of Deep Learning", National Workshop on Deep Learning, Rabindranath Tagore University, Bhopal, Madhya Pradesh, India, September 25, 2021.
2. Delivered expert lecture on "Road Map of Deep Learning in NER Task", FDP on Deep Learning for Natural Language Processing, IIIT Noida, India, July 03, 2021.
3. Delivered expert lecture on "Machine Learning for Predictive Analysis", FDP on Applications of Machine Learning, Shri Vishnu Engineering College for Women (A), Bhimavaram, West Godavari, Andhra Pradesh, India, June 17, 2021.
4. Delivered expert lecture on "Big Data and AI Landscape", Artificial Intelligence: Recent Advances and Future Prospects, 1-Week International Knowledge Development Program (KDP), Organizer: Special Minds, India, February 25, 2021.
5. Delivered expert lecture on "POS Tagger and Machine Translation Approaches for Indian Languages", National Workshop on Soft Computing and Language Processing, IIIT Noida, April 28, 2018.

Additional Post held in Parent University

1. Team member of “Integrated MTech Data Verification”, NAAC, Oct - till date 2021, IIIT Noida
2. Team member of “Supplementary Examination of Even Semester 2021”, August 2021, IIIT Noida
3. Team member of “Training of IIIT Faculty Members on Latest Softwares”, July 2021 - till date, IIIT Noida
4. Team member of “Integrated MTech Data Compilation”, NBA, July - till date 2021, IIIT Noida
5. Team member of “Summer Internship”, June-August 2021, IIIT Noida
6. Team member of Reviewer and Audience committee “13th International Conference on Contemporary Computing”, 2021, June-Aug 2021, IIIT Noida
7. Team member of “Fast Track Students Evaluation”, June 2021, IIIT Noida
8. Team member of “Special Semester: TFCS, Data Structures”, June-July 2021, IIIT Noida
9. Team member of “Special Batch: SDF-I”, Oct 2020- Jan 2021, IIIT Noida
10. Team member of “Academic Activities Report Compilation at IIIT”, Dec 2020, IIIT Noida
11. Team member of “Summer Internship of Final Year Students”, March-April 2020, IIIT Noida
12. Team member of “Conduction of Entrance Test for Lateral Admission-2020 in B.Tech programs”, May-July, 2020, IIIT Noida
13. Team member of new elective course design – “Fundamentals of Machine Learning”, B.Tech (CSE, V Sem), May 2020, IIIT Noida
14. Organizing member of upcoming International Conference on “Frontiers in Information and Computer Security (FICS)”, 2021, IIIT Noida
15. Nominated as CSE Faculty from IIIT-128 for “IIIT Counselling Duty- Document Management Group”, July 2019, IIIT Noida
16. Nominated as “Mentor of Students (CSE, F4 Batch)”, July 2019 – till Date
17. Organizing member of “Design, Maintenance and Analysis of Student Exit Feedback Forms”, 2019, IIIT Noida
18. Organizing member of “Compilation of Even and Odd Semesters, CSE Programme Course Files”, 2019, IIIT Noida
19. Organizing member of “Summer School on Security in Computing (SSSIC)”, 2018, IIIT Noida
20. Team member of “NAAC”, “NBA”, “UGC” and other ranking committees, 2015- till Date, IIIT Noida
21. Team member of “IC3 Conference”, 2008-2014, IIIT Noida
22. Team member of “Web Kiosk Tagging”, 2013-14, IIIT Noida
23. Team member of “LRC Stock Management”, 2013, IIIT Noida
24. Team member of “Student Counselling”, 2004-2011, IIIT Noida
25. Team member of “Major Projects and Minor Projects”, 2004 to Till Date, IIIT Noida
26. Team member of “Anti Ragging Squad”, 2004 to Till Date, IIIT Noida

Ph.D. Supervisor:

1. Shambhu Kumar (Enrollment No. 20403026), Area: Social Network Analysis, ongoing since Jan 2021, IIIT Noida
2. Arti Pandey (Enrollment No. POP10025), Area: Deep Learning, ongoing since Sept 2021, IIIT Noida

M.Tech. Supervisor:

1. Reetika Gairola (Enrollment No. 9915314004), "Spam Detection on Facebook", June 2017, IIIT Noida

B.Tech. Projects Guided:

1. Shubham Tak (Enrollment No. 9917103031), "COVID-19 Trend Analysis and Forecasting", May 2021, IIIT Noida
2. Himanshi Yadav (Enrollment No. 9918103261), "Fake News Detection System", May 2021, IIIT Noida
3. Ishika Agarwal (Enrollment No. 9918103239), "Analysing Tech Workspace Factors Responsible for Deteriorating Mental Health", December 2020, IIIT Noida
4. Sanya Attri (Enrollment No. 9917103101), "Pix2Pokemon- Conversion of 2D Sketches into 3D-colored images", December 2020, IIIT Noida
5. Gaurav Parihar (Enrollment No. 9917103015), "COVID-19 Detection Using X-Ray Images", December 2020, IIIT Noida
6. Pranjal Das (Enrollment No. 9917103244), "Stock Market Prediction Using LSTM based RNN", December 2020, IIIT Noida
7. Paras Agarwal (Enrollment No. 9917103162), "LDA and RNN Network Efficiency in Sentiment Analysis", June 2020, IIIT Noida
8. Saurabh Kumar Gupta (Enrollment No. 9917103236), "Credit Card Fraud Detection", June 2020, IIIT Noida
9. Dhiraj Wadhwa (Enrollment No. 9917103154), "Conversion of Noise to Electrical Energy", December 2019, IIIT Noida
10. Aastha Juneja (Enrollment No. 9917103239), "Housing Price Prediction Using Machine Learning Techniques", December 2019, IIIT Noida
11. Tarundeep Singh (Enrollment No. 9916103203), "Efficient Data Clustering Using Quantum Computing", December 2018, IIIT Noida
12. Sahil Jagotra (Enrollment No. 9916103133), "Word Alignment from English to Other Languages", December 2018, IIIT Noida
13. Ankur Kesharwani (Enrollment No. 9916103095), "Neural Chatbot with Personality", December 2018, IIIT Noida
14. Saksham Raj Seth (Enrollment No. 9915103270), "Health Care Based Twitter Analysis", June 2018, IIIT Noida
15. Pranav Saxena (Enrollment No. 9915103227), "Determination of Cryptocurrency Exchange Rate Using Social Factors", June 2018, IIIT Noida
16. Alankrita Sarkar (Enrollment No. 9915103174), "Hybrid Approach to Twitter Data Using Computational Linguistic Analysis", June 2018, IIIT Noida
17. Ashutosh Gupta (Enrollment No. 9914103201), "Automatic Punjabi Text Summarization", December 2017, IIIT Noida

18. Nikhil Sharma (Enrollment No. 9913103677), "Mining Application on Analyzing User Interests from Social Media", June 2017, IIIT Noida
19. Manvi Anand (Enrollment No. 9912103506), "Credit Card Fraud Analysis System", June 2016, IIIT Noida
20. Narender Singh Nanda (Enrollment No. 9912103606), "Predicting Movie Box Office Success Using IMDB Data", June 2016, IIIT Noida
21. Mohit Anand (Enrollment No. 9912103453), "Location Based Social Media and Utility Application", June 2016, IIIT Noida
22. Anushka Rustagi (Enrollment No. 9914103242), "E-Shopping Database Management System", 2015, IIIT Noida
23. Divyam Arora (Enrollment No. 9914102108), "Snakes and Ladders Through C Programming", 2015, IIIT Noida
24. Neela Sood (Enrollment No. 11103510), "Sentiment Analysis in Natural Language Processing", 2014, IIIT Noida
25. Shiraz Saad (Enrollment No. 10104732), "Internet Advertisement Blocker Tool", 2013, IIIT Noida
26. Priyanka Sodhia (Enrollment No. 10103587), "Sentiment Classification of Educational Reviews Using ML Techniques", 2013, IIIT Noida
27. Neha Ramdeo (Enrollment No. 09103583), "Weather Forecasting Using Data Mining Techniques", 2013, IIIT Noida
28. Sagar Pandey (Enrollment No. 09503853), "Mining Projected Clusters in High Dimensional Spaces", 2013, IIIT Noida
29. Aanchal Goel (Enrollment No. 10609001), "Application of Data Mining Techniques in Decision Support System", 2012, IIIT Noida
30. Shraddha Singh (Enrollment No. 08103532), "Mining E-Business to Enhance the Market Strategies", 2012, IIIT Noida
31. Abha (Enrollment No. 07103567), "Design and Development of Course Evaluation System", 2011, IIIT Noida
32. Agastya Nanda (Enrollment No. 07103579), "Intelligence in Wikipedia", 2011, IIIT Noida
33. Neha Gupta (Enrollment No. 05103509), "Wireless Based Vehicle Space Tracking System", 2009, IIIT Noida
34. Sonam Dargay (Enrollment No. 05104676), "Enhancing University Competitiveness through Information and Communication Technology (ICT) Based Knowledge Management System", 2009, IIIT Noida

Course Coordinator:

1. BTech CSE (VII Sem.), Elective Course- "Machine Learning and Natural Language Processing", ODD 2021, IIIT Noida
2. BTech CSE (VI Sem.), Elective Course- "Big Data Ingestion", EVEN 2021, IIIT Noida
3. BTech CSE (VII Sem.), Elective Course- "Machine Learning", ODD 2020, IIIT Noida
4. BTech CSE (II Sem.), Core Course- "Software Development Fundamentals-II", EVEN 2020, IIIT Noida
5. BTech CSE (VIII Sem.), Elective Course- "NLP and Semantic Technologies", 2018-19, IIIT Noida

6. BTech CSE (VII Sem.), Elective Course- "Natural Language Processing", 2017-19, IIIT Noida
 7. BTech CSE (VII Sem.), Elective Course- "Soft Computing", 2016, IIIT Noida
 8. BTech CSE (II Sem.), Core Course- "Software Development Fundamentals Lab-II", 2016, IIIT Noida
 9. BTech CSE (III Sem.), Core Course- "Data Structures", 2015, IIIT Noida
 10. BTech CSE (I Sem.), Core Course- "Software Development Fundamentals Lab-I", 2015, IIIT Noida
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