DR. CHANDANI SHARMA

D/O Mr. Jagdish Pd. Sharma
DOB: 19 Nov 1983
Faculty Quarter C-11
MM(DU) Campus, Mullana, Ambala, Haryana
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CAREER OBJECTIVE : *To use my knowledge for promoting learning, motivation and team work, to get a reputed challenging position in education sector, so as to contribute in the growth and profitability of the Organization.*

AREA of RESEARCH : Soft Computing, Artificial Intelligence, Big Data, Cloud Computing, Renewable Energy Systems, Image Processing, Process Control, Interdisciplinary Sciences.

TOTAL EXPERIENCE (18 YRS 9 MONTHS)

POST PHD	BEFORE PHD	RESEARCH
8 YRS	6 YRS 8 MONTHS	4 YRS 1 MONTH

ACADEMIC EXPERIENCE (14 YRS 8 MONTHS)

Designation	Employer	Responsibilities and Tasks Assigned
Associate Professor (CSE)	MMICTBM, Maharishi Markandeshwar (Deemed to be) University, Mullana, Ambala, Haryana (16 March 2023 onwards till date)	Academics & Departmental Work, Deputy Suptt. Exam Cell, Semester Head Mentor, Anti Ragging Squad monitoring cell, Member of Research and Development Committee, Guest Lectures conduction, Event Organizer in Technophilia & Universumm (Fest), Technology day, Faculty Mentors for Student Induction Program (SIP) in Orientation, Taking Data Visualization, Android based MAD Course, Cloud Computing, Web designing and AI course, Completed VAC on Data Mining & Big Data Analytics, VAC Coordinator of Department, Guiding 4 PhD scholars, Online MCA, Entrepreurship Cell member, Crieria 1 Coordinator NAAC.
Assistant Professor (CSE) & Coordinator (BTech & Diploma First Year)	Quantum University, Roorkee (July 2019 till 15 March 2023)	Member of Academic Council, Member of Research and Development Committee guided PhD Scholars, SPOC Xebia, Outreach Program, Innovation Ambassador of Institution Innovation Council, Member Women Cell, University Observer in Exams, NAAC Compilation team, Anchoring & Orientation Committee Member, Organizing Secretary @ Conference ICFIRTP 2022, Organizer of Hardware Maintenance Workshop, Electrical & Electronics Workshop AAYAM, Taken specialization courses on AIML and Big Data.
Assistant Professor (ECE)	Graphic Era University, Dehradun (May 2017 - June 2019)	Contributed to Anti Ragging/ NBA/ UGC/ Admission and Departmental works.
Assistant Professor (ECE) & Head of Deptt (BTech & Diploma EC &EE)	DevBhoomi Group of Institutions, Saharanpur (Feb 2010 - Feb 2013)	Set up Labs, Designed students hand-book, Organized technical events like Conference and Techno-Cultural Fest, Anchoring & Orientation, University Evaluator/Practical Examiner, ACS in University exams, helped in Admission campaign, Head of Women Cell.
Lecturer (ECE)	Shobhit Institute of Engg. & Tech., Gangoh-Saharanpur (Aug 2006 - Jan 2010)	Contributed to Academics, Departmental Works, Cultural programmes and Admission Campaign.

RESEARCH EXPERIENCE (4 YRS 1 MONTHS)

Designation	Employer	Responsibilities & Tasks Assigned
PhD Research Scholar	Graphic Era University, Dehradun (Mar 2013 Apr 2017)	Assisted in Project and Tutorials, Research papers and Departmental activities.

PROFESSIONAL QUALIFICATIONS

Degree/ Certificate	University	Duration	Details
Xebia certified "Train the Trainer" 1 week Workshops for instructing AIML Course	Xebia Academy (SPOC @ QU)	August 2019, August 2021, March 2022	Demystifying AI & ML, Computer Vision & Image Processing, Search Algorithms Reinforced Learning, NLP, Agile Practices, MML and Supervised Learning
PhD (Soft Computing & Process Control	Graphic Era University, Dehradun	Regular Feb2013-Apr 2017	Thesis on "Solar MPP & Panel Tracking using Fuzzy Logic Control System" with 72.5% during Course Work. Final viva (17 April 2017) taken by Dr. Bhim Singh (IIT Delhi). PhD awarded 30 May 2017
M. Tech. in Communication Engg. (Image Processing)	Shobhit University (Meerut)	Weekend Mar2007-Aug 2009	Thesis on "Face Detection & Recognition using Gabor Filter Estimation & Neural Networks" with Grade Point: 8.2
Bachelor of Technology (ECE)	U.P.T.U (Lucknow)	July 2003-Jun 2006	Project carried out "Microcontroller operated Remote controlled Digital Clock" from Shobhit Institute of Engg. and Tech. Meerut, securing 73%
Diploma in Electronics	BOTE UP (Lucknow)	July 2000 Jun 2003	Projects undertaken as Stereo Amplifier, Emergency Light and Fire alarm from Govt. Girls' Polytechnic Dehradun securing 84 %

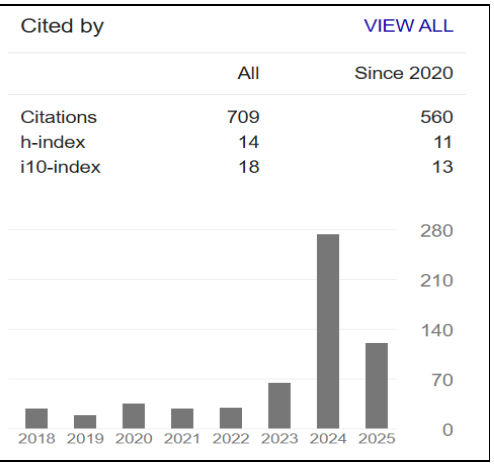
ACADEMIC QUALIFICATIONS

Certificate	Board	Duration	Details
Senior-Secondary	NIOS New Delhi	2000-2002	Children's Academy Dehradun in PCM Computers and English securing 76%
High-School	CBSE New Delhi	-2000	Sophia Girls High School (Eng. Med.) Saharanpur, securing 83 %

Throughout a Meritorious Scholarship holder (Mahindra & Mahindra/ ITC/ NCT/ NICE), and participation in extra-curricular activities including Debate and Sports (Badminton/Throw ball/ Shot-put/Chess).

ACHIEVEMENTS (QUICK GLANCE):

Recognition (129)	**Publications (95)**
Awards (7)	**SCI (1), Scopus (43)** [Scopus Journal (10), Conferences (33)]
External Appreciation (25)	**Patents (14) Book Chapters Published (8)**
Internal Appreciation (14)	**Others (51)** [International Journals (16), National Journals (7), International Conferences (13), National Conferences (11), National Seminars (4)]
Resource Person (26)	**International Internship Guide (1)**
TPCM/ Reviewer (57)	**Workshops attended (56)**



AWARDS(7):

Awards	@ Details
@ MM(DU) Mullana, Ambala (1)	**1. Best Paper Award** "Time Series Analysis on the Rate of Tuberculosis Cases in Bhutan" at ICCCAI-2024 on 7th-8th March, 2024, Sathyabama Institute of Science and Technology, Chennai, India.
@ Quantum University, Roorkee (3)	2. **INSO Awards, Women Researcher Award in the International Scientist Awards on Engineering, Science and Medicine** on 18-Jun-2022 in Coimbatore, India. 3. **Perficio International Award Best Educational Performer during Covid-19**, 28th – 29th May 2022 at New Delhi. **4. International Research Awards (IRAC 2022), Best Faculty Award in the**

	International Research Awards on Science, Technology and Management, held on 14th –15th May-2022, Chennai, India, Organized by VDGOOD Professional Association.
@ GEU (3)	5. **Outstanding Research Award** (Graphic Era University 2018). 6. **Best Paper Presentation Award** "Performance Analysis of AODV and DYMO Routing protocols in Wi-Mam networks" at ICCE-2018 on December 28th -29th , 2018, KIET Group of Institutions, Ghaziabad, India. 7. **Swarn Jayanti Puruskar** (National Academy of Sciences 2016)

EXTERNAL APPRECIATION (25):

Appreciation	@ Details
Member of Editorial Board (2)	1. **PriMera Scientific Engineering** (ISSN: 2834-2550) April 2025 onwards. https://primerascientific.com/psen/editorialboard. 2. **International Journal of Intelligent Information Systems (http://www.ijiis.net)** 31 Oct 2024 to 31 Oct 2027.
Certificate of Excellence in peer reviewing (Journal) (9)	3. **Journal of Computer Networks and Communication** under Wiley, 31st Mar 2025. 4. **Journal of Advances in Mathematics and Computer Science**, 27th Feb 2025. 5. **Asian Journal of Research in Agriculture and Forestry**, 7th Feb 2025. 6. **Annual Research & Review in Biology by Global Press Hub**, Ireland, 11rd Jan 2025. 7. **International Journal of Plant & Soil Science by Global Press Hub**, Ireland, 3rd Jan 2025. 8. **WSEAS Transactions on Systems,** Nov 20, 2024. 9. **Asian Research Journal of Current Science by Global Press Hub**, Ireland, 7th Oct 2024. 10. **Asian Research Journal of Current Science by Global Press Hub**, Ireland, 19th Aug 2024. 11. **WSEAS Transactions on Environment and Development,** April 11, 2024.
Certificate of Excellence in peer Reviewing (Book Chapter) (3)	12. BP International publications, West Bengal, Head Office London, Dec 2024. 13. BP International publications, West Bengal, Head Office London, 7th May 2024. 14. BP International publications, West Bengal, Head Office London, Feb 2024**.**
Session Chair (4)	15. International Conference on Technology Enabled Economic Changes **(InTech 2025)**, scheduled on 27th and 28th February 2025 at **Amity University, Tashkent**. 16. 4th International Conference on Technological Advancements in Computational Sciences **(ICTACS 2024)** on 13-14 November 2024, organized by **Amity Tashkent Campus.** 17. 5th International Conference on Advances in Information Communication Technology & Computing **(AICTC-2024)** 29th to 30th April – 2024, **South Kazhakistan Pedagogical University, Republic of Kazakhitan**. 18. **ICES 2021** (10th – 12th Dec 2021 at **MGU Kerela**).
Member of BOS & External repute @ other University (4)	19. **Member of the Board of Studies of the programs: B.Tech CSE (AI & ML/Data Analytics), Diploma CSE, M.Tech CCIS, M.Tech SE of the Computer Science & IT Department under School of Engineering & Technology, Suresh Gyan Vihar University, Jaipur for the academic session June, 2024-25.** 20. **Examiner for adjudication of PhD thesis of Sohit Aggarwal, PhD Scholar** in Computer Science, Suresh Gyan Vihar University, Jaipur, June 2023. 21. **Examiner for MTech Thesis Evaluation of two scholars Pratibha and Devashish** in Computer Science, Suresh Gyan Vihar University, Jaipur, June 2023. 22. **Member of the Board of Studies of the programs: B.Tech CSE (AI & ML/Data Analytics), Diploma CSE, M.Tech CCIS, M.Tech SE of the Computer Science & IT Department under School of Engineering & Technology, Suresh Gyan Vihar University, Jaipur for the academic session 2023-24.**
Moderator/ Delegate /Evaluator (3)	23. **Moderator** at **International Scientific Research and Innovation Congress-II,** December 16-18, 2024, Adana, Türkiye. 24. **Delegate at World Environment Summit-2022** held from 15-Oct to 16-Oct, 2022 at Vallabhbhai Patel Chest Institute, Delhi University, Delhi, India. 25. **Primary Evaluator in Toycathon** (AICTE/MOIC 2021)

INTERNAL APPRECIATION @ UNIVERSITY/INSTT (14):

Appreciation	@ Details
Event Organiser/ Coordinator @ MM(DU) Mullana,	1. **Appreciation** as a **Discipline Coordinator in Technical fest TECHNOPHILIA-2K25** organised on 4 and 5 April 2025 by MMICTBM (MCA). 2. **Appreciation as a Faculty Organiser of the Event Fashion Show** in Cultural fest Rhythm-2K25" on 7th February, 2025 by MMICTBM (MCA). 3. **Judge for Intra University Smart India Hackathon (SIH) 2024** held on 07 Sep 2024 by MMEC. 4. **Participation Certificate** in **Awareness Workshop on High Performance Computing** under **AICTE Sankalp** on 8th Aug 2024 by MMICTBM (MCA). 5. **Appreciation Certificate as an Event Organiser** in Technology Day Celebration on 20th May 2024 by MMICTBM (MCA). 6. **Appreciation Certificate as a Faculty Organiser of the Event VLog Safari** in Technical fest TECHNOPHILIA-2K23 organised on 25 and 26 April 2024 by MMICTBM (MCA).

Ambala (9)	7. Appreciation Certificate as a **Faculty coordinators for conducting Value Added Course on Data Mining & Big Data Analytics** started from 30 Sept 2023 and ended 18 November 2023 at MMICTBM (MCA). 8. Appreciation Certificate as a **Faculty coordinators for both Technical Event of Universumm 2023 Code-Crunchers and Dexter's Lab** organised on 14 October 2023 by MMICTBM (MCA). 9. **Appreciation Certificate** as a **Faculty Organiser in Technical fest TECHNOPHILIA-2K23** organised on 19 and 20 May 2023 by MMICTBM (MCA).
@ Quantum University, Roorkee (4)	10. **Organizing Secretary at International Conference ICFIRTP-2022** held from Nov 23-Nov to 24-Nov, 2022. 11. **Innovation Ambassador** at QU by MoE's Innovation Cell (AICTE/MOIC 2021). 12. **SPOC for BTech (AI-ML)** Program @ Xebia (2019-2022). 13. **Moderator at International Conference ICFIRTP-2020.**
@ DBGI (1)	14. **Coordinator at National Conference GITM-2013** at DevBhoomi Group of Institutions (SRE Campus).

EXPERT TALK DELIVERED/ RESOURCE PERSON (26):

#2025: (5)

1. **Oral/Technical Presentation for Research contribution** at International Yildirim Bayezid Scientific Research and Innovation, Symposium-I, May 09-10, 2025 / Bursa Technical University, Bursa, Türkiye (Harnessing Computational Intelligence For The Future Of Communication Networks).
2. **Invited speaker** for the 7th International Conference on Computational Intelligence and Communication Technologies (CCICT-2025), 11-12 April 2025 in BMIET, Sonipat, Sector 10, Delhi-NCR, India (Next-Generation Computational Intelligence: Opportunities and Challenges for Future Communication Networks).
3. **Oral/Technical Presentation for Research contribution** at **ISARC 6th International Selçuk Scientific Research Congress,** 16-17 march 2025, Konya (A Holistic Approach To Sustainable Development Using Energy, Economy,Planning And Optimization).
4. **Invited Talk** in **Faculty Development Program (FDP)** on "Sensors: Fundamentals and Real-world Applications" on March 10-11, 2025, Amity School of Engineering and Technology, Amity University, Greater Noida Campus(Wearable SMART Devies).
5. **Oral/Technical Presentation for Research contribution** at World Women Studies Conference-VIII, March 7-8, 2025 Antalya, Turkey (The Gig Economy and Women: A new paradigm of Success).

#2024: (12)

6. **Oral/Technical Presentation for Research contribution** at 3rd International Ege Congress on Scientific Research December 20-22, 2024 at Bornova/İzmir (Innovations in Materials Science: Unlocking the Future of Technology and Sustainability).
7. **Oral/Technical Presentation for Research contribution** at International Scientific Research and Innovation Congress-II, December 16-18, 2024, Adana, Türkiye (Integrating Green Technology, Sustainability, and Artificial Intelligence: Pathways to a Sustainable Future).
8. **Webinar Resource person** at Babu Banarsi Das Northern India Institute of Technology, Lucknow, 5 Dec 2024 (AI and machine learning algorithms for SMART wearable devices).
9. **Oral/Technical Presentation for Research contribution** at International Congress on Landscape Architecture, Ege University, Ankara, November 28-29, 2024 (Green Architecture in Building Design)
10. **Oral/Technical Presentation for Research contribution** at 6th International World Health Congress, November 22-23, 2024 at Bayburt University, Türkiye (Design and Optimization Techniques for Wearable Health Devices in Chronic Disease Management).
11. **Invited Speaker Presentation** in International Congress On Advanced Research And Applications September 19-20, 2024 / Sivas, Türkiye Congress Program (Personalised Cosmetics using ML).
12. **Invited Debate Speaker** at Department of Electronics Engineering, DevBhoomi Group of Institutions, Saharanpur Campus, July 20, 2024 (AI for physically challenged people).
13. **Invited Speaker Presentation** in 5th International Conference on Mathematics and Computers in Science and Engineering (MACISE 2024), Ierapetra, Crete Island, Greece, June 6-8, 2024 (House hold Electricity Consumption: Case study).
14. **Invited Speaker Presentation** in European Computing Conference (ECC), Athens, Greece, May 7-9, 2024 (Unemployment State wise COVID Prediction using ARIMA)**.**
15. **Invited Speaker Presentation** in 8th International Conference on Computing in Natural Sciences, Biomedicine and Engineering (CNASBE), Athens, Greece, March 23-25, 2024 (SMART Dustbin).
16. **Oral/Technical Presentation for Research contribution** at Eurasia 3rd International Congress on Scientific Research on January 29-31, 2024 by IKSAD Institute of Economic Development and Social Research of Turkey, Ankara (Comparitive Study of Twitter Responses using ML).
17. **Webinar Resource person** at Babu Banarsi Das Northern India Institute of Technology, Lucknow (Data Mining & Analysis of Big Data), 2 Jan 2024.

#2023: (1)

18. **Delivered Invited Talk** at National Conference on Recent Advances in Theoretical and Experimental Sciences" during September 29–30, 2023 at BD Govt. P.G. College, Jaiharikhal (Pauri Garhwal), Uttarakhand, India (Data Mining & Big Data Analytics).

#2022: (4)

19. **Webinar Resource person** at Quantum University for Admission to B.Tech programs Counseling through "Edumate" Online channel (Promotion of AI-ML/DS and Cyber Security Programmes) in 2022.
20. **Delivered Talk** at International Online Conference on Basic Sciences for Sustainable Development (ICBSSD 2022) held from 16th to 17th December 2022 at Amal Jyothi Engineering College, Kottayam, Kerala, India (Sustainable Development).
21. **Invited Talk Resource person** at Amity University, Greater Noida, (IOT and its Applications) 17 August 2022.
22. **Webinar Resource person** at Babu Banarsi Das Northern India Institute of Technology, Lucknow (Optimization of Maximum Power Point Tracking using Fuzzy Logic) 26 Feb 2022.

#2021: (3)

23. **Delivered Talk** at International Online Conference on Energy Sciences (ICES 2021) held from 10th to 12th December 2021 at Mahatma Gandhi University, Kottayam, Kerala, India (Green Technology).
24. **Webinar Resource person** at Babu Banarsi Das Northern India Institute of Technology, Lucknow (Buzzing Technologies AI & IOT) 7 June 2021
25. **Invited Talk Resource person** at Amity University, Greater Noida, (Application of Electrical Sensing Instruments in IOT), 10 April 2021.

#2020: (1)

26. **Webinar Resource person** at Babu Banarsi Das Northern India Institute of Technology, Lucknow (AI & 5G Communication Technology) 12 Dec 2020.

TECHNICAL PROGRAM COMITEEE MEMBER/REVIEWER (57):

#2025: (19)

1. **Program Committee Member and Reviewer** in the International Conference on AI and Robotics (AIR) 2025 to be held at The Center of Excellence in Medical Robotics and Research, Nazarbayev University Kazakhstan during May 09-11, 2025.
2. **Program Committee Member and Reviewer** in the 5th International Conference on Computer Vision and Robotics (CVR 2025) held at National Institute of Technology, Goa during April 25 – 26, 2025.
3. **Reviewer** in the International Conference on Smart and Sustainable Computing Technologies (ICSSCT 2K25) held at Lingaya's Vidyapeeth, Faridabad during April 18 – 19, 2025.
4. **Program Committee Member and Reviewer** at Second International Conference on Business Intelligence and Data Analytics (BIDA 2025) organised by RV Institute of Management, Bangalore, India held on April 12-13, 2025.
5. **Certificate of Reviewing** in Journal of Computer Networks and Communications, 31st Mar 2025.
6. **Program Committee Member and Reviewer** at Second International Conference on Computing and Machine Learning (CML 2025) organised by Sikkim Manipal University, India, held on March 22- 23, 2025.
7. **Reviewer** at 2nd International Conference on Communication, Computer Sciences and Engineering (IC3SE 2025), organised by Amity Greater Noida Campus from 19th to 21st March, 2025.
8. **Program Committee Member and Reviewer** at Device Intelligence, Computing, and Communication Technologies (DICCT 2025) organised by Graphic Era (Deemed to be University), India, held on March 21- 22, 2025.
9. **Reviewer** at 2025 IEEE International Conference on Contemporary Computing and Communications (InC4) School of Engineering and Technology, CHRIST (Deemed to be University), Kengeri Campus, Bengaluru, India, held on March 14 - 15, 2025.
10. **Reviewer** at International Conference on Computational Complexity and Intelligent Algorithms (IC3IA 2025), held from March 8th to 9th, 2025, organized by Shri Jain Girls PG College Bikaner, Rajasthan, India.
11. **Technical Program Committee Member and Reviewer** at 3rd International Conference on "Power Engineering & Intelligent Systems (PEIS 2025)", held from March 8th to 9th, 2025, organized by National Institute of Tecnology, Uttrakhand, India.
12. **Reviewer** at First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT-2025) held on February 21-22, 2025, at GEU, Bhimtal Campus.
13. **Technical Program Committee Member and Reviewer** at International Conference on "Recent Advances in Artificial Intelligence, Communication and Electronic Systems (RAICE 2025)", held from February 6th to 8th, 2025, organized by Department of Electronics and Communication Engineering in collaboration with Research & Development Cell at Bharati Vidyapeeth's College of Engineering, New Delhi
14. **Technical Program Committee Member and Reviewer** at WCSC 2025 (2nd World Conference on on Smart Computing held on Feb 22, 2025 – Feb 23, 2025 organized by School of Engineering, Babu Banarsidas University, Lucknow.
15. **Technical Program Committee Member and Reviewer** at ICCCT 2025 (7th International Conference on Cmmunication and Computational Technologies held on Feb 14, 2025 – Feb 15, 2025 organized by National University of Forensic Sciences, Goa Campus, India and Florida International University, Miami, FL, USA.
16. **Technical Program Committee Member and Reviewer** at CRM 2025 (3rd Congress on Control Robotics and Mechatronics) held on Feb 1, 2025 – Feb 2, 2025 organized by SR University, Warangal, India.
17. **Program Committee Member and Reviewer** at ITAI 2025 (International Conference on Information Technology and Artificial Intelligence) held on Jan 24, 2025 – Jan 25, 2025 organized by Gurugram University, Gurgaon, Haryana and Soft Computing Society, India.

18. **Technical Program Committee Member and Reviewer** at PCCDA 2025 (5th International Conference on Paradigms of Communication, Computing & Data Analytics) held on Jan 18, 2025 – Jan 19, 2025 organized by Pt Lalit Mohan Sharma Campus Rishikesh and Sri Dev Suman Uttrakhand University, Uttrakhand, India.
19. **Appreciation Certificate as a Reviewer** in 2nd International Conference on Metaheuristics in Engineering and its Applications, METASOFT 2024 from Jan 10th-11th 2025, organized by the Department of Computer Application, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, India.

#2024: (20)

20. **Technical Program Committee Member and Reviewer** at ICCI 2024 (5th International Conference on Computational Intelligence) held on Dec 24, 2024 – Dec 26, 2024 organized by Sardar Vallabhbhai National Institute of Technology, Surat, India.
21. **Appreciation Mail as a Reviewer** 17th IEEE MCSoC 2024, International Symposium held from Dec. 16-19, 2024, Kuala Lumpur, Malaysia.
22. **Appreciation Certificate as a** Reviewer for the 2024 IEEE International Conference on Data and Decision Systems (ICDDS-2024) jointly organized by PES University, Bangalore and IEEE Computer Society Bangalore Chapter during 5th, 6th and 7th December 2024.
23. **Appreciation Certificate as a Reviewer** in (ICTACS-2024) 4th International Conference on Technological Advancements in Computational Sciences at Amity University in Tashkent held from 13th to 15th November 2024.
24. **Technical Program Committee Member and Reviewer** at ICCIS 2024 (6th International Conference on Communication and Information Systems) held on Nov 8, 2024 – Nov 9, 2024 organized by MANIT, Bhopal.
25. **Technical Program Committee Member and Reviewer** at ADCIS 2024 (3rd International Conference on Advances in Data-driven Computing and Intelligent Systems) held on Sept 20, 2024 – Sept 21, 2024 organized by BITS, Pilani and National Forensic Sciences University, Goa.
26. **Reviewer** in SPARC-2024 (IEEE International Conference on Signal Processing and Advance Research in Computing), held on 12th and 13th September 2024, at Amity University, Lucknow Campus.
27. **Technical Program Committee Member and Reviewer** at CIS 2024 (5th Congress on Intelligent Systems) held on Sept 4, 2024 – Sept 5, 2024 organized by CHRIST University, Bangalore, India and Liverpool Hope University, U K.
28. **Reviewer** at ICEECT 2024 (International Conference on Electrical, Electronics and Computing Technology) held on Aug 29, 2024 – Aug 31, 2024 organized by SHARDA University, Greater Noida, India.
29. **Technical Program Committee Member and Reviewer** at AITA 2024 (2nd International Conference on Artificial Intelligence : Theory and Applications) held on Aug 9, 2024 – Aug 10, 2024 organized by ICFAI Business School (IBS) Bangalore, India.
30. **Reviewer** in the IEEE-Sponsored 2024 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC), July 23, 2024 – July 24, 2024, UNESCO Chair, Namibia University of Science & Technology.
31. **Technical Program Committee Member and Reviewer** at CVR 2024 (4th International Conference on Computer Vision and Robotics) held on May 25, 2024 – May 26, 2024 organized by Symbiosis Skills and Professional University, Pune, India.
32. **Technical Program Committee Member and Reviewer** at PCCDA 2024 (4th International Conference on Paradigms of Communication, Computing and Data Analytics) held on Apr 20, 2024 – Apr 21, 2024 organized by Pt Lalit Mohan Sharma Campus, Rishikesh, Sri Dev Suman Uttarakhand University, Uttarakhand, India.
33. **Technical Program Committee Member and Reviewer** at BIDA 2024 (International Conference on Business Intelligence and Data Analytics) held on Apr 6, 2024 – Apr 7, 2024 organized by RV Institute of Management, Bangalore, India.
34. **Reviewer** at Springer Nature for evaluating article in Fuzzy Optimization and Decision Making Journal, April 2024.
35. **Technical Program Committee Member and Reviewer** at CML 2024 (International Conference on Computing and Machine Learning) held on Mar 29, 2024 – Mar 30, 2024 organized by Sikkim Manipal Institute of Technology, Sikkim Manipal University, India.
36. **Technical Program Committee Member** at InC4 2024 (IEEE International Conference on Contemporary Computing and Communications) held on Mar 15, 2024 – Mar 16, 2024 organized by CHRIST University, Bangalore, India.
37. **Reviewer** at InC4 2024 (IEEE International Conference on Contemporary Computing and Communications) held on Mar 15, 2023 – Mar 16, 2024 organized by CHRIST University, Bangalore, India.
38. **Technical Program Committee Member and Reviewer** at PEIS-2024 (2nd International Conference on Power Engineering and Intelligent Systems held on Mar 16, 2024 – March 17, 2024 organized by National Institute of Technology, Uttrakhand, India.
39. **Technical Program Committee Member and Reviewer** at ICCCT-2024 (6th International Conference on Communication and Computational Technologies) held on Jan 8, 2024 – Jan 9, 2024 organized by Rajasthan Institute of Engineering and Technology, Jaipur, India.

#2023: (15)

40. **Technical Program Committee Member and Reviewer** at ICCIS2023 (Congress on Smart Computing Technologies) held on Dec 16, 2023 – Dec 17, 2023 organized by Malviya National Institute of Technology, Jaipur, India.
41. **Technical Program Committee Member and Reviewer** at CSCT2023 (Congress on Smart Computing Technologies) held on Dec 2, 2023 – Dec 3, 2023 organized by SCRIL, South Asian University, India.
42. **Appreciation Certificate as a Reviewer** in AECE-2023 (Technically Co-Sponsored by IEEE UP Section) held on November 23, 2023 – November 24, 2023 being organized by Department of ECE and CSE, R.K.G.I.T, Ghaziabad, U.P., India.

43. **Appreciation Certificate as a Reviewer** in (ICTACS-2023) 3rd International Conference on Technological Advancements in Computational Sciences at Amity University in Tashkent held from 1st to 3rd November 2023.
44. **Technical Program Committee Member and Reviewer** at ADCIS2023 (2nd International Conference on Advances in Data-driven Computing and Intelligent Systems) held on Sept 21, 2023 – Sept 23, 2023 organized by BITS, Pilani Goa Campus, India.
45. **Technical Program Committee Member and Reviewer** at CIS2023 (4th Congress on Intelligent Systems) held on Sept 4, 2023 – Sept 5, 2023 organized by CHRIST University, Bangalore, India.
46. **Technical Committee Member and Reviewer** in AITA (Artificial Intelligence: Theory and Applications held on Aug 11, 2023 – Aug 12, 2023 organized by ICFAI Business School, Bangalore, India.
47. **Technical Committee Member and Reviewer** in AIC (World Conference on Applied Intelligence & Computing held on July 29, 2023 – July 30, 2023 organized by Rajkiya Engg College, Sonbhadre and Ashoka Instt of Tech Varanasi, India.
48. **Technical Committee Member and Reviewer** in ICDSA (4TH International Conference on Data Science and Applications held on July 14, 2023 – July 15, 2023 organized by Malviya National Institute of Technology, Jaipur, India.
49. IFERP gratitude for being **Committee Member** in ICRAECA (International Conference on Recent Advances in Engineering and Computer Applications) held on July 14, 2023 – July 15, 2023 organized by LJ School of Computer Applications, LJ University, Ahmedabad, India.
50. **Technical Committee Member and Reviewer** in PEIS (International Conference on Power Engineering and Intelligent Systems held on June 24, 2023 – June 25, 2023 organized by National Institute of Technology, Delhi, India.
51. **Advisory Committee Member** at InC4 2023 (IEEE International Conference on Contemporary Computing and Communications) held on Apr 21, 2023 – Apr 23, 2023 organized by CHRIST University, Bangalore, India.
52. **Reviewer** at InC4 2023 (IEEE International Conference on Contemporary Computing and Communications) held on Apr 21, 2023 – Apr 23, 2023 organized by CHRIST University, Bangalore, India.
53. **Technical Program Committee Member and Reviewer** at CRM 2023(Congress on Control, Robotics & Management) held on Mar 25, 2023 – Mar 26, 2023 organized by MIT, Kota, India.
54. **Technical Program Committee Member and Reviewer** at WCAIIAA-2023 (World Conference on Artificial Intelligence: Advances and Applications held on Mar 18, 2023 – Mar 19, 2023 organized Sir Padampat Singhania University technically sponsored by Soft Computing Research Society, India.

#2022: (3)

55. **Technical Program Committee Member and Reviewer** at CSCT 2022 (Congress on Smart Computing Technologies) held on Dec 11, 2022 – Dec 12, 2022 organized by SCRIL, South Asian University, India.
56. **Reviewer** at AECE-2022 (International Conference sponsored by AICTE) held on July 14, 2022 – July 15, 2022 organized by Department of ECE, R.K.G.I.T, Ghaziabad, U.P., India.
57. **TPC member and reviewer** at 2022 IEEE World Conference on Applied Intelligence and Computing AIC 2022 17th-19th June, Rajkiya Engg College Sonbhdre, India.

PATENTS PUBLISHED/GRANTED (14):

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11. Chandani Sharma, Anamika Jain, “PV based Green Computing System For ICT Sustainable Development” IEEE Sponsored International Conference on Advances in Computing and Communication Engineering (ICACCE- 2015), proceedings pp. 240-244, held at Tulas Institute Dehradun, India, 1st and 2nd May 2015.
12. Chandani Sharma, Anamika Jain, “Hybrid Fuzzy Implementation for control in basis weight” 1st International Online Conference on Research in Science, Engineering and Management (IOCRSEM-2014) conducted by Women Institute of Technology (UTU) on 20th August 2014. Proceedings pp.181-185.
13. Chandani Sharma, Anamika Jain, “Conventional Controllers for gain control in basis weight” IEEE Sponsored International Conference on Soft Computing Techniques for Engineering and Technology-2014 (ICSCTET-2014) conducted by Graphic Era Hill University Bhimtal Campus on 7th and 8th August 2014.

NATIONAL CONFERENCES (11): 2012-2019

1. Chandani Sharma, Madan Pal Singh, Sushma Chaudhary “Reactive and Proactive Type Protocols for Wimax Networks with Item Size variation”, National Conference on Recent Innovation in Emerging Technology and Science (NCRIETS-2019) from 9th to 10th August 2019 at J B Institute of Technology, Dehradun (UK), India.
2. Chandani Sharma, Madan Pal Singh, “Exploring Gabor Filters and Neural Networks in Face Detection and Recognition” National Conference on Recent Innovation in Emerging Technology and Science (NCRIETS-2018) from 6th to 7th April 2018 at J B Institute of Technology, Dehradun (UK), India.
3. Chandani Sharma, “Current Trends in Solar Technology for developing entrepreneurship in hilly areas” National Conference on Intellectual Property and Entrepreneurship (NCIPE-2018) on 19th March 2018 at Indian Institute of Technology, Roorkee (UK), India.
4. Chandani Sharma, Madan Pal Singh, “Emerging needs of sustainable technology- Solar PV development in India” National Conference on Recent Innovation in Emerging Technology and Science (NCRIETS-2017) from 2nd to 4th March 2017 at J B Institute of Technology, Dehradun (UK), India.
5. Chandani Sharma, “Advances in Sustainable Technology-Solar PV Development in India” 4th National Conference on Role of Technology and Management in Technocracy (RTMT-2015) on 5th April, 2015 at Dev Bhoomi Group of Institutions, Saharanpur (UP), India.

6. Chandani Sharma, “Digital Modeling and Simulation of Solar Cells” and Chandani Sharma, Anamika Jain, “Solar Cells, Present State and Future Challenges” 2nd National Conference on Emerging Trends in Engineering and Technology (ETET-2014) on 7th to 8th November, 2014 at Dev Bhoomi Group of Institutions, Dehradun (UK), India.
7. Chandani Sharma, “Comparative Studies on Control Issues of Photovoltaics” 3rd National Conference on Emerging Trends in Technology and Management (ETMT-2014) on 30th March, 2014 at Dev Bhoomi Group of Institutions, Saharanpur (UP), India.
8. Chandani Sharma, Garima Gupta, “Novel Face Detection Technique” National Conference on Electronics and Communication Systems (NCECS-2013) on 5th and 6th April, 2013 at Indraprastha Engineering College, Ghaziabad (UP), India.
9. Chandani Sharma, Versha Varshney, “Morphological Shared Neural Nets For Face Detection” 2nd National Conference on Global Innovation in Technology & Management (GITM-2013) on 28th April, 2013 at Dev Bhoomi Group of Institutions, Saharanpur (UP), India.
10. Chandani Sharma, Jai Singh, “Human Face Visualization Using Gabor Filters and Neural Nets” and “Potential To Convert Non Conventional Energy Resources Into Electric Power In Remote Areas” 1st National Conference on Current Challenges & Opportunities in Technology & Management (CCOTM-2012) on 17th March, 2012 at Dev Bhoomi Group of Institutions, Saharanpur (UP), India.
11. Chandani Sharma, Madan Pal Singh, Pooja Sharma, “Audio Data Security Algorithm Using Watermarking Technique” and “ Dragon Curve Fractal Antenna for UHF / VHF Applications – YFFABB” 1st National Conference on Computer Electronics Technology (CET-2012) on 28th & 29th March, 2012 at Shobhit Institute of Engg. & Tech, Gangoh, Saharanpur (UP), India.

NATIONAL SYMPOSIUM/SEMINARS (4): 2012-2018

1. Chandani Sharma, Anamika Jain, Vivek Chamoli, “ Micro Power Generation Plants for In Accessible Areas in Uttrakhand” accepted for 12th Uttarakhand State Science and Technology Congress 2017-18 from 7th to 8th March 2018 at Uttarakhand State Council for Science and Technology, Dehradun (UK), India.
2. Chandani Sharma, Anamika Jain, “Solar sustainability for electricity generation and distribution applications” 11th Uttarakhand State Science and Technology Congress 2016-17 from 2nd to 4th March 2017 at Uttarakhand State Council for Science and Technology, Dehradun (UK), India.
3. Chandani Sharma, Anamika Jain, “Photovoltaic systems in power generation for developing entrepreneurship in hilly areas” 86th Annual Session and Symposium on Science, Technology and Entrepreneurship for Human Welfare in the Himalayan Region from 2nd to 4th December 2016 at Uttarakhand State Council for Science and Technology, Dehradun (UK), India.
4. Chandani Sharma, Jai Singh , “Development of Micro Power Generation Plants for in Accessible Areas” and “ Electronic Sensors And Automation To Reduce Wastage And Improve Quality In Food Industries” National Seminar on Current Trends in Electronics & Electrical Design & Technology (EEDT-2012) on 4th February 2012 at Dev Bhoomi Group of Institutions, Dehradun (UK), India.

FACULTY DEVELOPMENT PROGRAMS/ WORKSHOPS (56):

#2025: (4)

1. Microsoft India & SAP India led Faculty Development Program on “Applied AI: Practical Implementations" under TechSaksham Program from “7th Apr 2025 - 11th Apr 2025”.
2. FDP on NEP-2020: Orientation & Sensitization under Malaviya Mission – Teacher Training Programme (MM-TTP) of University Grants Commission (UGC), MoE, GoI, organized by UGC- MMTTC, JNV University, Jodhpur, Rajasthan, from 19 to 28 March 2025
3. Faculty Development Program on Flexible and Plant-Wearable Sensor Design for Smart and Precision Pharming at National Institute of Technology Agartala under AICTE Training And Learning (ATAL) Academy from 03/02/2025 to 08/02/2025.
4. Faculty Development Program (FDP) on “Data Visualization with Power BI” organised by Learn & Build and BBDNIIT Luknow from 7th to 11th January 2025.

#2024: (8)

5. FDP on “Significance of Emerging Technologies & Intellectual Property Rights (IPR)” organized by The Department of Computer Applications, Mangalmay Institute of Management & Technology, Gr. Noida from 16th December – 20th December 2024.
6. Microsoft, SAP and AICTE Led Faculty Development Program: Applied AI: Practical Implementations under TechSaksham from 18/11/2024 to 22/11/2024.
7. Faculty Development Program on “AI for Engineering Applications" Conducted by Education and Educational Management Department NITTR, from 04/11/2024 to 08/11/2024 (One Week) at Maharishi Markandeshwar

Electronics and Communication Engineering, Mullana , Ambala, Haryana.

8. Faculty Training by ICT Academy for the Cyber security Training for Educators and Students of Higher Education - Phase 2 - A CSR Initiative of Microsoft Philanthropies from 23 Sept 2024 to 4 Oct 2024.
9. Faculty Development Program (FDP) on "Intellectual Property Rights in the age of AI, ML, Cyber Security and Block chain" organized by The Department of Computer Applications, Mangalmay Institute of Management & Technology, Gr. Noida from 24th June – 28th June 2024.
10. Faculty Development Program on "Generative AI"' Conducted by BBDNIIT Lucknow from 29/03/2024 to 03/04/2024 (One Week) in association with Learn and Build.
11. Faculty Development Program on "Digital Tools for Teaching and Learning" Conducted by Education and Educational Management Department NITTR, from 11/03/2024 to 15/03/2024 (One Week) at Maharishi Markandeshwar Institute of Computer Technology and Business Management, Mullana , Ambala, Haryana.
12. Microsoft, SAP and AICTE Led Faculty Development Program: AI Evolution: From Foundations to Generative AI under TechSaksham from 29th January 2024 to 2nd Feb 2024.

#2023: (7)

13. Faculty Development Program on "Deep Learning" Conducted by Education and Educational Management Department NITTR, from 11th Sept 2023 to 15th Sept 2023 at Maharishi Markandeshwar Institute of Computer Technology and Business Management, Mullana , Ambala, Haryana.
14. Microsoft, SAP and AICTE Led Faculty Development Program: AI & Cloud: Workshop on responsive AI in the cloud: Leveraging Generative power in the Cloud under TechSaksham from 21st August 2023 to 25th August 2023.
15. Faculty Development Program on "'Enabling Entrepreneurship, Start-up, Incubation & Innovation Mindset'." Held between 12th June to 16th June conducted by AIU-GGSIPU-AADC.
16. International Faculty Development Program on "Futuristic Trends in Computer Science and Information Technology" Held between 16th May to 20th May 2023 in Hybrid mode at Graphic Era Hill University, Dehradun.
17. International Faculty Development Program on "Smart Future Technologies in AI/ML & Data Analytics" Conducted by Amity University in Tashkent (Uzbekistan), from 03/04/2023 to 07/04/2023.
18. Faculty Development Program on "Online Learning and Online Evaluation" Conducted by Education and Educational Management Department NITTR, from 20/03/2023 to 24/03/2023 (One Week) at Maharishi Markandeshwar Institute of Computer Technology and Business Management, Mullana , Ambala, Haryana.
19. Faculty Development Program on "Artificial Intelligence, Machine Learning & Interdisciplinary Approach for Natural Language Processing" organized by Roorkee Institute of Technology from 9th -14th February, 2023.

#2022: (7)

20. Faculty Development Program on "Cutting Edge Technology in Day-to-Day Life" organized under AURA 2022, held at Amity University Greater Noida from 5th -9th December, 2022.
21. Short term Course on "Zero to Hero in Assembly Programming" jointly organized by CERT-In and Cybervidyapeeth Foundation between 9TH November to 15TH November as a part of the Cybersecurity Training Initiatives.
22. National IP Awareness Program conducted by National Intellectual Property Awareness Mission on 5th April 2022.
23. Faculty Development Program on "Train the Trainer (T3) Workshop on NLP and Agile Practices and Design Thinking" held in February to March 2022 conducted by Xebia Academic Team at Quantum University Roorkee (U.K.).
24. Faculty Development Program on "Train the Trainer (T3) Workshop on Reinforcement Learning" held in January to February 2022 conducted by Xebia Academic Team at Quantum University Roorkee (U.K.).
25. Faculty Development Program on "Train the Trainer (T3) Workshop on Mathematics for ML and Supervised Learning" held in January to February 2022 conducted by Xebia Academic Team at Quantum University Roorkee (U.K.).
26. Faculty Development Program "Boot camp on Block chain Technology" held from 11th Feb to 12th Feb 2022 by Blockchain for Productivity Forum.

#2021: (9)

27. Participated in SAMBHAV-e National Level Awareness Program organized by the Ministry of Micro, Small & Medium Enterprises, Govt. of India in October-November 2021.
28. MoE's Innovation Cell & AICTE sponsored Innovation Ambassador Training program under Institution Innovation Council from the period from 5th August - 31st August 2021 in online mode.
29. AICTE Sponsored Online FDP on "Augmented Reality and Virtual Reality" held from 9th to 13th August 2021 at Maulana Azad National Urdu University, Hyderabad.
30. Faculty Development Program on "Train the Trainer (T3) Workshop on "Search Algorithms" held from 29th July to 4th August 2021 conducted by Xebia Academic Team at Quantum University Roorkee (U.K.).
31. Faculty Development Program on "Train the Trainer (T3) Workshop on "Computer Vision & Image

Processing" held from 26th July to 29th July 2021 conducted by Xebia Academic Team at Quantum University Roorkee (U.K.).

32. AICTE Sponsored Online FDP on "Predictive Intelligence Models and its Applications" held from 12th to 16th July 2021 at National Engineering College, Kovilpatti.
33. AICTE Sponsored Online FDP on "AI Solution for Optimum Utilization of Power and Energy" held from 5th to 9th July 2021 at NIT Srinagar.
34. Online webinar on "Fake News Detection on social networks and machine learning approaches" held on 21 April, 2021 conducted M.E.A Engineering College, Kerala.
35. Attended and acted as Moderator in IEEE, NSERB and TEQIP-3 Sponsored "Fourth Industrial Revolution based Technology and Practices (ICFIRTP) 2020, Quantum University Roorkee held from 26th to 27th March 2021.

#2020: (14)

36. AICTE Sponsored Online FDP on "Sustainability Energy and Smart Grid" held from 7th to 17th December 2020 (Phase I) and 18th to 29th December 2020 (Phase II) conducted by Gandhi Institute for Technology, Bhubaneswar.
37. AICTE Sponsored Online FDP on "Sustainability Energy and Smart Grid" held from 18th to 29th December 2020 conducted by Gandhi Institute for Technology, Bhubaneswar.
38. AICTE-ATAL (AICTE Training & Learning Academy) sponsored Online FDP on "Data Sciences" held from 14th to 18th December 2020 conducted by Central University of Punjab.
39. AICTE-ATAL (AICTE Training & Learning Academy) sponsored Online FDP on "Data Sciences" held from 7th to 11th December 2020 conducted by Sri Krishna College of Engineering and Technology (Coimbatore).
40. AICTE-ATAL (AICTE Training & Learning Academy) sponsored Online FDP on "Data Sciences" held from 1st to 5th December 2020 conducted by Meerut Institute of Engineering and Technology (Meerut).
41. AICTE-ATAL (AICTE Training & Learning Academy) sponsored Online FDP on "Neural Network and Deep Learning" held from 23rd to 27th November 2020 conducted by Guru Gobind Singh Indraprastha University (New Delhi).
42. AICTE-ATAL (AICTE Training & Learning Academy) sponsored Off Campus Online FDP on "Green Technology & Sustainaible Engineering" held from 16th to 20th November 2020 conducted by Ghandhi Institute of Technology and Management GITM (Bangluru).
43. AICTE-ATAL (AICTE Training & Learning Academy) sponsored Online FDP on "Soft Computing Techniques" held from 2nd to 6th November 2020 conducted by Dr. S. & S. S. Ghandhy Government Engineering College (Gujarat).
44. Online Faculty Development Program on "Outcomes based Education" held from 4th to 6th November 2020 conducted by Inpods Ed-Tech, India.
45. Short Term Training Programme (Online) on "Artificial Intelligence & 5G Communication Technology" held from 5th to 10th October 2020 sponsored by AICTE-AQIS, New Delhi conducted by Poornima College of Engineering, Jaipur (Rajasthan).
46. Faculty Development Program on "Future Tech 2020 Workshop" held from 18th to 22nd May 2020 conducted by Season 6 Sky campus, ICT Academy India online.
47. Online webinar on "Online Teaching & Learning Demo" and "NAAC Accreditation Management system Demo" held on 27 May 2020 conducted by Inpods Ed-Tech, India.
48. Faculty Development Program on "Future Tech 2020 Workshop" held from 18th to 22nd May 2020 conducted by Season 6 Sky campus, ICT Academy, India.
49. Online webinar on "Big Data and Analytics" held on 9 May 2020 conducted by Oxford University Press, India.

#2019: (4)

50. Faculty Development Program on "AI and Machine Learning" held from 23rd to 27th Dec 2019 conducted by MeitY Govt. of India and Electronics & ICT Academy IIT Roorkee at IIT Roorkee (U.K.).
51. Leadership Development Program on "Art of Leadership and Higher Education in India Challenges and Opportunities" held on 25th September 2019 conducted by Minerva Leadership Academy (UK) at Quantum University, Roorkee (U.K.).
52. Faculty Development Program on "Train the Trainer (T3) Workshop on Demystifying AI and ML" held from 1st to 3rd Aug 2019 conducted by Xebia Academic Team at Quantum University Roorkee (U.K.).
53. Faculty Development Program on "Internet of Things (IOT) with Cloud applications" held from 8th to 12th Jan 2019 conducted by Electronics & ICT Academy IIT Roorkee at Graphic Era University Dehradun (U.K.).

#2018: (1)

54. National-Level Workshop on "Nonlinear Functional Analysis and its Applications" held from 19th to 24th Feb 2018 conducted by Department of Mathematics, Graphic Era University Dehradun (U.K.).

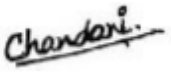
PHD DURATION (2)

55. National-Level Workshop on "Popularisation of Remote Sensing-based Maps and Geospatial Information" on August 11, 2017 jointly organised by ISRS and ISRO Dehradun.

56. National-Level Workshop on “Soft Computing Techniques” from 11th to 15th Nov 2013 conducted by NITTTR Chandigarh at Graphic Era University Dehradun (U.K.).

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Dated: May 11, 2025



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