

Name: PoonamJuneja

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Educational Qualifications:

- PhD(Electrical), Delhi Technological University, New Delhi, 2024
- M.E, Punjab Engineering College (PEC) Chandigarh,2003
- B.Tech, Punjab Technical University, Jalandhar,2001



Specialization

- Fuzzy logic, Block chain, Petri nets

Teaching Experiences: 18years

Industry Experiences: 2 Years

Faculty Coordinator

- Project Coordinator for minor and major projects.
- Faculty coordinator of ElectroTech(official society of EEE)
- Editor of Newsletter of EEE department
- Active member in conducting various sports committee

Total number of Publications

- 1.Rajat Choudhary, Poonam Juneja, “Wireless Mobile Charging” , IARJSET-2017, 3297:2007
- 2Lokesh, Devanshu, P. Juneja, S Sharma, “ Electronic Eye For Security System”, The Board Of Latest Tech In Engg, Mgt& App. Science-2017, 2278-2540
- 3.Rajat Anand, Sahil, Shubham Jain, PoonamJuneja, “Travsafe An Electronic Security Monitoring System Using Gps, Gsm&Rf Communication”, The Board Of Journal Of Latest Tech. In Engg, Mgt& App. Science-2017, 2278-2540
- Bidisha, Yashwant, Ashrey, Poonam Juneja, “Smart Helmet For Mining Workers” RTEECE-2K19
- 4.PoonamJuneja, RachanaGarg and Parmod Kumar, “Reliability Of PMU Using Fuzzy-Markov Dynamic Method,” International Conferences on Signals, Machines and Automation(SIGMA-2018), NSUT University, Delhi (India) 2018 DOI: 10.1007/978-981-13-1822-1_5
- 5. PoonamJuneja, RachanaGarg, and Pramod Kumar, “Fuzzy Petri Net Model of Phase Measurement Unit,” IEEE ,2020 7th International Conference on Signal Processingand Integrated Networks (SPIN) DOI: 10.1109/SPIN48934.2020.9070847

- 6. Juneja, Poonam, Garg, Rachana, and Kumar, Parmod. 'Uncertain Data Processing of PMU Modules Using Fuzzy Petri Net'. 1 Jan. 2021 : 1855 – 1867. DOI:10.3233/JIFS-210602
- 7. Ajay Joshi, Aman Ahmad, Arpit Saxena and Poonam Juneja, "RIFD Based Attendances System", International Journal for Modern Trends in Science and Technology, 2021 DOI: [10.46501/ijmtst0701009](https://doi.org/10.46501/ijmtst0701009).
- 8. Poonam Juneja, Rachana Garg & Parmod Kumar (2023), "Tie-Line Power Transferred: Data Security Using Block chain Technology", IETE Journal of Research, DOI: [10.1080/03772063.2023.2181232](https://doi.org/10.1080/03772063.2023.2181232).
- 9. P. Juneja, R. Garg and P. Kumar, "Fuzzy Petri Net Model of Phasor Measurement Unit," 2020 7th International Conference on Signal Processing and Integrated Networks (SPIN), Noida, India, 2020, pp. 154-159, DOI: 10.1109/SPIN48934.2020.9070847.

Seminars / Workshops / FDP's attended

- 1 Week FDP Generative AI in collaboration with Azure Developer community & reskill , 8th – 12th July 2024, Microsoft, Gurgaon
- FDP on Introduction to Matlab & Simulink, MAIT, 7th – 9th May 2024
- Coordinated 5 day FDP on Scilab Programming for scientific Applications by NITTTR, Chandigarh, 11th- 15th March 2024
- Coordinated a workshop on Problem Solving Approach based on Psychological assessment Tool, DRDO, 12th March 2024, MAIT by DRDO
- FDP on NEP Orientation and Sensitization Programme organised by Malviya Mission Teacher Training Center, Central University of Jammu, 23rd January to 31st January, 2024
- Participated in 2 day National seminar on Recent Trends and Challenges in IOT cyber Security by DRDO, 8-9 March 2024
- Participated in ATAL 6 days FDP ON Semiconductor Materials, Devices, design and Applications at MAIT, 18/12 2023 to 23/12/2023
- FDP on Python with Data Analytics, NPTEL, March 2024
- Participated and Awarded Certificate in Faculty Development Program (FDP) on "Network Monitoring Tools" organized by IT, ITE and AI&DS Department of Maharaja Agrasen Institute of Technology, Sector-22, Rohini, New Delhi, on 15th March 2023.
- Participated and Awarded Certificate in One Week National Level Faculty Development Program (FDP) on "Python with Data Analytics" organized by CSE Department of Maharaja Agrasen Institute of Technology, Sector-22, Rohini, New Delhi, during 7 – 13 August, 2023.
- Participated and Awarded Certificate in AICTE Sponsored one-week Short Term Training Program on "Energy Conversion and Storage Devices (ECSD-21)", organized by the Department of Physics, Indian Institute of Technology Hyderabad, during 01-05 July, 2021.

- Participated and Awarded Certificate in Faculty Development Program (FDP) on “Latest Technologies and Their Applications in Electrical Engineering and Future Energy” organized by EEE Department of Maharaja Agrasen Institute of Technology, Sector-22, Rohini, New Delhi, during 16 – 20 August, 2021 (Online mode).
- Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Block Chain Technology: Current Trends and future aspects in Smart Grid" from 2021-7-12 to 2021-7-16 at Gyan Ganga Institute of Technology and Sciences.
- Completed successfully AICTE- ISTE approved refresher program on “Active learning based Visual Computing” from 2022-2-9 to 2022-2-15 at Maharaja Agrasen Institute of Technology.

Accomplishments/Achievements

- Cleared NPTEL course on Python for Data Science(4 week Duration)
- Won best paper publication award in 2017 in SIGMA, NSUT
- Won third prize (Rs 10000/) in **ANVESHANA Delhi NCR-2020**
- Won fifth prize ((Rs 5000/) in ANVESHANA Delhi NCR-2023