**Faculty Profile**

| Faculty Name | Anisha |
|---|---|
| **Designation** | Assistant Professor |
| **Qualification** | M.Tech (CSE), B.Tech(CSE) |
| **Email** | anisha.cse@piet.co.in |
| **Area of Interest** | Artificial Intelligence, Data Science |
| **Work Experience (Total)** | 7.8 Years |
| • Teaching | 7.8 Years |
| • Research | |
| • Industry | |
| • Others | |
| **Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level** | Under Graduate (B.Tech) Data Structure, DBMS |
| **Membership of Professional Bodies** | NO |
| **Research Publications** | **02** |
| • Research Papers UGC-CARE | |
| • Research Papers SCOPUS | **01** |
| • Research Papers WoS/SCI/ABDC | |
| • List of Publications | Channel Selection and Switching in Cognitive Radio Networks: Challenges and Approaches |
| **Book and Chapter Publications** | **01** |
| • Books Authored published by International Publishers | |
| • Books Authored published by National Publishers | |
| • Publication of Chapter in Edited Books | |
| • Editor of Book by International Publishers | |
| • Editor of Book by National Publishers | |

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| • Translation Work of Book | |
| • List of Book and Chapter Publications | An Efficient Best Fit Channel Switching (BFCS) Scheme for Cognitive Radio Networks |
| **Patents** | **01** |
| • Published | |
| • List of published patent(s) | Published a Patent entitled "Intelligent Healthcare Insurance Data Analytics System For Personalized Coverage Assessment" |
| • Filed | |
| • List of filed patent(s) | |
| **PhD Guidance** | **NO** |
| • Degree Awarded | |
| • Thesis Submitted | |
| **M.Tech. Guidance** | **NO** |
| • Degree Awarded | |
| • Thesis Submitted | |
| **Research Project** | **NO** |
| • List of Research project | |
| **Consultancy** | **NO** |
| • List of Consultancy | |
| **Awards & Honours** | **NO** |
| • List of Awards & Honours | |
| **Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference** | |
| • International (Abroad) | |
| • International (Within Country) | |
| • National | |
| • List of published papers | 1. Channel Selection and Switching in Cognitive Radio Networks: Challenges and Approaches<br>**2.** An Efficient Best Fit Channel Switching |

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|---|---|
| | (BFCS) Scheme for Cognitive Radio Networks |
| **Organizing National Conference/ International Conference/ FDP/STTP** | 1 Conference<br>2 FDPs |
| • List of Conference/FDP/STTP committee | 1. Organizing Committee member in International Conference on Intelligent Systems: Approaches, Technologies, and Network -2023 held in PIET, samalkha in Dec 2023.<br>2. Attended FDP on Applications of machine learning techniques in sustainable technologies AMLST-2024<br>3. Attended FDP on Inculcating Universal Human Values in Technical Education organized by AICTE |
| **Social Contributions and Sports** | |
| • **List of Social Contributions and Sports** | |