Faculty Profile

Faculty Name	Pooja Dahiya
Designation	Assistant Professor
Qualification	Ph.D (Pursuing), M.Tech, B.Tech
Email	Poojadahiya.cse@piet.co.in
Area of Interest	Artificial Intelligence and Machine learning
Work Experience (Total)	8.5 Years
• Teaching	8.5 Years
• Research	nil
• Industry	nil
• Others	nil
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate
Membership of Professional Bodies	
Research Publications	
• Research Papers UGC-CARE	1
• Research Papers SCOPUS	**Nil**
• Research Papers WoS/SCI/ABDC	**Nil**
• List of Publications	• Paper entitled Smart Businesses and Industrial competitiveness are driver of AI in International Journal of Engineering Applied and management science in 2023 • paper entitled proposing an enhanced approach in Digital image watermarking using DCT-DWT Viterbi method in International Journal of Engineering, Applied and

	management Sciences Paradigms in 2014
	• paper entitled Comparative analysis of hyperspectral image classification algorithms in International Conference on Intelligent Systems: Approaches, Technologies, and Network organized by PIET Samalkha, Panipat in December,2023
Book and Chapter Publications	
• Books Authored published by International Publishers	
• Books Authored published by National Publishers	
• Publication of Chapter in Edited Books	**1**
• Editor of Book by International Publishers	
• Editor of Book by National Publishers	
• Translation Work of Book	
• List of Book and Chapter Publications	• Book chapter on Introduction to Remote Sensing: Principles, techniques, and applications in Futuristic Trends in Artificial Intelligence IIP series in 2023.
Patents	
• Published	**1**
• List of published patent(s)	• Dr.Sunil kumar, Dr.A.Jayanthila Devi, Mr.Alok Kapil, Ms.Pooja Dahiya,

	Mr.Prateek Mishra Application no.3900069001,Internet of Things Based Air Quality Monitoring Device. Date of filling 11/07/2023,Date of Publication 22/09/2023
• Filed	
• List of filed patent(s)	
PhD Guidance	
• Degree Awarded	
• Thesis Submitted	
M.Tech. Guidance	
• Degree Awarded	Yes
• Thesis Submitted	Yes
Research Project	
• List of Research project	**nil**
Consultancy	
• List of Consultancy	**nil**
Awards & Honours	
• List of Awards & Honours	**nil**
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
• International (Abroad)	
• International (Within Country)	**1**
• National	
• List of published papers	
Organizing National Conference/ International Conference/ FDP/STTP	
• List of Conference/FDP/STTP	**Nil**

committee	
Social Contributions and Sports	**Nil**
• **List of Social Contributions and Sports**	