

Faculty Profile

Faculty Name	Ms. Hemlata
Designation	Assistant Professor
Qualification	M.Tech, B.Tech
Email	hemlata.cse-et@piet.co.in
Area of Interest	Artificial Intelligence
Work Experience (Total)	11 years
<ul style="list-style-type: none"> • Teaching 	11 years
<ul style="list-style-type: none"> • Research 	
<ul style="list-style-type: none"> • Industry 	
<ul style="list-style-type: none"> • Others 	
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma (Polytechnic) Under Graduate (B. Tech, BCA, BBA) Post Graduate (MTech)
Membership of Professional Bodies	
Research Publications	5
<ul style="list-style-type: none"> • Research Papers UGC-CARE 	
<ul style="list-style-type: none"> • Research Papers SCOPUS 	
<ul style="list-style-type: none"> • Research Papers WoS/SCI/ABDC 	
<ul style="list-style-type: none"> • List of Publications 	<ol style="list-style-type: none"> 1. Performance Enhancement of Wireless Sensor Network Using GWO Algorithm 2. Performance Enhancement of Wireless Sensor Network Using GWO Algorithm 3. Kidney Stone Detection Using Fast Fuzzy Technique 4. Performance Analysis of Lung Cancer Detection Using Machine Learning 5. Stock Prediction Using Machine Learning Algorithms
Book and Chapter Publications	NO

• 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	
• Translation Work of Book	
• List of Book and Chapter Publications	
Patents	NO
• Published	
• List of published patent(s)	
• Filed	
• List of filed patent(s)	
PhD Guidance	NO
• Degree Awarded	
• Thesis Submitted	
M.Tech. Guidance	
• Degree Awarded	6
• Thesis Submitted	6
Research Project	
• List of Research project	
Consultancy	
• List of Consultancy	
Awards & Honours	
• List of Awards & Honours	
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full	1.International Conference

paper in Conference	
<ul style="list-style-type: none"> • International (Abroad) 	
<ul style="list-style-type: none"> • International (Within Country) 	
<ul style="list-style-type: none"> • National 	
<ul style="list-style-type: none"> • List of published papers 	1. Analytical study of Digital Watermarking Techniques by using Survey Method
Organizing National Conference/ International Conference/ FDP/STTP	1. Conference 3. FDPs
<ul style="list-style-type: none"> • List of Conference/FDP/STTP committee 	<p>1. Organizing Committee member in International Conference on Intelligent Systems: Approaches, Technologies, and Network -2023 held in PIET, samalkha in Dec 2023.</p> <p>2. Attended FDP on Applications of machine learning techniques in sustainable technologies AMLST-2024</p> <p>3. Attended FDP on Inculcating Universal Human Values-I in Technical Education organized by AICTE</p> <p>4. Attended FDP on Inculcating Universal Human Values-II in Technical Education organized by AICTE</p>
Social Contributions and Sports	
<ul style="list-style-type: none"> • List of Social Contributions and Sports 	