Faculty Profile

Name of Faculty : Mrs.Padmavati Shivling Pise	
Designation : Associate Professor	
Qualification : M.Tech. (PhD Pursuing)	
Specialization : Embedded Systems,VLSI	

Official Email ID: pspise.dypcet@dypgroup.edu.in	
Memberships	Life Member –Indian Society for Technical Education(ISTE): (LM 18341)
Courses Taught	- Machine Learning - Digital System Design using Verilog - Microprocessor and Microcontroller - Data Structure and Algorithms - Wireless Sensor Networks - System On Chip (SoC) - Network Analysis - Financial Management
Roles and Responsibilities	- Program Coordinator - Class Coordinator - Timetable Coordinator - Website Coordinator - ERP Coordinator - Lab In Charge- Innovation Lab

Research Contribution	- Book Chapter:1 - International Journals: 7 - International Conferences: 4 (1 Best paper award) - National Conferences: 2 **Book Chapter:** Energy Savings Through Retrofitting Waste Heat Recovery System On Bulk Milk Cooler o Published in Intrnational Book (Theory and Application of Engineering Research work Vol. 5 - Real-Time Drowsiness Detection By Monitoring Eye Aspect Ratio in International Research Journal of Modernization in Engineering Technology and Science (April-2022) - Investigational Study to Relate Number of Blows and Impact Strength of Concrete having Partial Replacement of Natural Sand by manufactured Sand and Cement by Pozzolanic Materials with Respect to Final Crack in Specimen in · International Journal Of Innovative Research In Technology (Jan 2022) - Investigational Study to Relate Number of Blows and Impact Strength of Concrete having Partial Replacement of Natural Sand by Manufactured Sand and Cement by Pozzolanic Materials with Respect to First Crack in Specimens in International Research Journal of Engineering and Technology (IRJET) , Dec 2021
FDP/Workshop Attended	- Total FDP/Workshops attended:- > 45 - "Artificial Intelligence and Generative Models"(15th - Jan 2024 to 19th Jan 2024.) - Introduction to Internet of Things(NPTEL- 12 weeks)(Jul-Oct 2023) - Advanced Research Methodology & Publishing(SUM:FDP-RM23)(1stst -15th Sept 2023) - Innovative Teaching Methodology-A creative Pedagogy (31st July 2023 to 4th August) - Computer Forensics & Cyber Crime (1st Feb to 5th Feb 2023 - "Leadership Skills for Enhancing Personal and

	Organisational d Outcomes"(28/11/2022 to 03/12/2022)
	• Python, Data Science & Machine Learning (22/8/22 to 27/08/22)
	• Hardware Modelling using Verilog(July- Sept 2022)
	• FDP on Industry 4.0 with Emphasis on Robotics and Automation (21 st Feb to 25 th Feb 2022)
	• Advanced Pedagogy (06th February to 17th February, 2023)
	• FDP on Modeling & Simulation Tools for Research (30 th August to 3 rd September 2021)
	• FDP on Robotic Process Automation (13 th July to 17 th July 2021)
Awards	• Best paper award