


Faculty Information				
Personal Information				
Name of the Faculty		Ms. Mandakini Radhu Dhavale		
Designation	Lecturer	Department		Mechatronics
Email				mandakini.dhavale@pravara.in

Qualification Details			
Sr. No.	Exam Passed	Board /University	Year of Passing
01	P.G.(VLSI & Embedded System)	Savitribai Phule Pune University	2014
02	U.G.(Electronics)	Pune University	1994
03	Diploma (Industrial Electronics)	MSBTE Mumbai, Maharashtra	1991
04	HSC	Pune Board	1988
05	SSC	Pune Board	1986

Work Experience		
Teaching Experience: 9 .3Yrs	IndustrialExperience:00	Total Experience:9.3Yrs

Subject Taught till date
<ul style="list-style-type: none"> • Basic Electronics(BEC) • Applied Electronics(AEL) • Industrial Automation(IAU) • PLC Programming & SCADA (PPS) • Microcontroller (MIC) • Basic Power Electronics(BPE) • Electronics Devices & Circuits (EDC) • Advance Communication System (ACS) • Electronic materials & Components

- Industrial Electronics(IE)
- Advance Industrial Electronics (AIE)
- Basic Electronics & Mechatronics (BEM)
- Analog & Digital Electronics (ADE)
- Basic Electrical & Electronics Engineering (BEE)

Membership with Professional Bodies

AMIE – M- 139881-9

Paper Publications

Sr. No.	Title	Published Journal	Year of Publication
1	Minimization of Leakage Power using Process , voltage & Temperature (PVT) Variations.	IJRDET	2014
2	A Review on Wireless Sensor Network” at National Conference NC Meet 2017.	National Conference NC Meet 2017	2017
3	Waste Water Generating Electricity By Using Microcontroller.	IJTSRD	2018
4	Remote Operated Shutter System with Fingerprint Lock.	IJTSRD	2019
5	IOT Based Garbage Monitoring System.	IJTSRD	2022
6	Thyristorized Speed Control of DC Motor Using Semi-Converter”.	International Conference on Advances and Creations in Mechanical Engineering 2022, PREC, Loni	2022
7	PIC Controller Based Temperature Monitoring.	IRJMITS	2023
8	Thyristorized Speed Control of DC Motor Using Semi-Converter.	GIS Science Journal	2023
9	Intelligent Vehicle Speed Checker on Highway with over speed alert.	IRJMITS	2023
10	Intelligent Vehicle Speed Checker on Highway With Over Speed Alert.	GIS Science Journal	2023
11	Obstacle Avoiding Robot.	IRJMETS	2023

