

FACULTY PROFILE

PERSONAL DETAILS	
Name	**Dr. Sushma Patil**
Designation	**Associate Professor and Chairperson**
Department	**Electrical and Electronics Engineering**
Qualification	**B.E (EEE), M. Tech.(Power Electronics)**
Date of Joining	**01-08-2018**
Nature of Association	**Regular**
Contact No.	**+91-9538754306**
Email id	chairpersoneeew@suk.edu.in

ACADEMIC DETAILS				
Sl.No.	**Name of the Degree**	**University/Board**	**Part Time/Full Time**	**Year of Graduation/Award**
01	**Ph.D.**	**VTU, Belagavi**	**Part Time**	**2023**
02	**M.Tech.**	**VTU, Belagavi**	**Full Time**	**2012**
03	**B.E**	**VTU, Belagavi**	**Full Time**	**2009**

PROFESSIONAL DETAILS					
Sl.No.	**Post Held**	**Organization**	**Period**		**Total Experience**
01	**Associate Professor**	**Sharnbasva University, KLB**	**2023**	**Till date**	**14 years**
02	**Assistant Professor**	**Sharnbasva University, KLB**	**2018**	**2023**	
03	**Assistant Professor**	**GECW, KLB**	**2014**	**2018**	
04	**Assistant Professor**	**AIET. KLB**	**2012**	**2014**	
Area of Interest					
Power Electronics, Electric Drives , Multilevel inverters					

RESEARCH PUBLICATIONS					
National Journals	**International Journals**	**National Conferences**	**International Conferences**	**Scopus/Web of Science Publications**	**Total**
00	**04**	**01**	**02**		**07**

BOOK PUBLISHED		
SL. No.	**Book Title with ISBN**	**Publisher**
01	**Digital Electronics - 978-93-7196-936-9**	**Scientific International Publishing House**

RESEARCH WORK FOR PATENTS			
SL. No.	**Patent No.**	**Title**	**Status with Date**
01	**202241000264 A**	**Deep Learning for Optimization of Power & Energy Management System in Hybrid Electric Vehicles**	**Published**

PROFESSIONAL BODY MEMBERSHIP	
Sl. No.	**Name of the Professional Body**
01	**Life Member of- The Institution of Electronics and Telecommunication Engineers (IETE)**
02	**ISTE**
03	**IEEE**

RESEARCH SUPERVISION DETAILS				
Sl. No.	**Name of the Scholar**	**Title**	**Year of Registration**	**Status**
01	**Archana**	**AI- Driven Optimal Placement and sizing of Battery Energy Storage Systems in Smart Grid**	**2026**	**Pursuing**

SUBJECTS TAUGHT

UG

1. Introduction to Electrical Engineering
2. Basic Electrical Engineering
3. Industrial Drives and Applications
4. Computer techniques in power system
5. Power Electronics
6. Management and Entrepreneurship
7. Transformers and Induction Machines
8. Electrical Power Utilization