

FACULTY PROFILE

PERSONAL DETAILS	
Name	**Dr. M. Sasikala**
Designation	**Professor**
Department	**Electrical and Electronics Engineering**
Qualification	**B.E (Electrical Engineering), M.E.(Power Systems), Ph.D. (Electrical and Electronics Engineering)**
Date of Joining	**01-07-2019**
Nature of Association	**Regular**
Contact No.	**8105883506**
Email id	**msasikala@suk.edu.in**

ACADEMIC DETAILS				
Sl.No.	**Name of the Degree**	**University/Board**	**Part Time/Full Time**	**Year of Graduation/Award**
01	**Ph.D.**	**JNTUH, Hyderabad.**	**Part Time**	**2008**
02	**M.E.**	**Osmania University, Hyderabad.**	**Full Time**	**1987**
03	**B.E.**	**Osmania University, Hyderabad.**	**Full Time**	**1985**

PROFESSIONAL DETAILS					
Sl.No.	**Post Held**	**Organization**	**Period**		**Total Experience**
01	**Professor**	**Sharnbasva University, KLB**	**2019**	**Till date**	**33 years**
02	**Principal/Professor**	**GECW, KLB**	**2014**	**2019**	

Citation Metrics		
h-Index	**i10 Index**	**Total Citations**
10	**10**	**316**

RESEARCH PUBLICATIONS					
National Journals	**International Journals**	**National Conferences**	**International Conferences**	**Scopus/Web of Science Publications**	**Total**
	56	**06**	**10**	**50**	**56**

BOOK PUBLISHED		
SL. No.	**Book Title with ISBN**	**Publisher**
01	Intelligent manufacturing and energy sustainability (Chapter)	A. N. R Reddy et al.(eds), Intelligent Manufacturing and Energy Sustainability, smart Innovation, systems and technologies 265

RESEARCH WORK FOR PATENTS			
SL. No.	**Patent No.**	**Title**	**Status with Date**
01	202241011081	Artificial Intelligent, IOT based Detection and Prevention of diseased Tissues in Brain, Kidney, Lungs and Heart Using Machine Learning for Health Care Management	Published
02	202341003253	An Accurate Vehicular Movement Understanding System in Aerial Images Using Convolution Network Architecture	Published

PROFESSIONAL BODY MEMBERSHIP	
Sl. No.	**Name of the Professional Body**
01	Life Member of- The Institution of Electronics and Telecommunication Engineers (IETE)-F-506892
03	ISTE LM 70878

RESEARCH SUPERVISION DETAILS				
Sl. No.	**Name of the Scholar**	**Title**	**Year of Registration**	**Status**
1	Dr Basavaraj Khened- Professor and Head, Dept of Electrical and Electronics Engineering, Bellary Institute of Engineering and Management-Bellary, Karnataka, awarded Ph.D under my guidance at JNTUH, Hyderabad in March 2018.	Design of Gas Sensor Using Electrical Characterization of Conducting Polymer Composites	2009	Awarded
2	Dr M. Sharanya Associate Professor, Department of Electrical and Electronics Engineering, Malla reddy Engineering college, Hyderabad, Telangana awarded Ph.D under my guidance at JNTUH, Hyderabad in January 2021	Power Quality Improvement Using Custom Power Devices	2011	Awarded
3	Dr Krishna D- Assistant Professor, Dept of Electrical and Electronics Engineering, CVSR college of Engineering and Technology, Hyderabad, Telangana, awarded Ph.D under my guidance at JNTUA, Ananthpur in September 2022.	Intelligent Controller Based UPQC for Improvement of Dynamic Performance of Distribution Power System	2016	Awarded

4	Dr Pushpa latha, Assistant Professor, Dept. of Computer science and Engineering, Godutai Engineering College for Women, Kalaburagi, awarded Ph.D under my guidance at Vishweshwariah Technological University (VTU), Belagavi, Karnataka, in December 2023.	Intelligent Transportation System for Multiple Vehicles Detection and Tracking Using Multi Variant Feature and machine Learning Technique	2016	Awarded
5	Dr Chandrakala, Assistant Professor, Dept. of Computer science and Engineering, Shetty Institute of Technology, Kalaburagi, awarded Ph.D under my guidance at Vishweshwariah Technological University (VTU), Belagavi, Karnataka, in December 2023.	An Investigation Approach for Image Forgery Detection using Fuzzy Logic	2016	Awarded
6	Dr Savitha, Assistant Professor, Dept. of Computer science and Engineering, Appa Institute of Engineering and Technology, Kalaburagi, awarded Ph.D under my guidance at Vishweshwariah Technological University (VTU), Belagavi, Karnataka, in February 2024.	Medical Plant Species Identification Using Multi-Feature Extraction And Identification of Medicinal Property Using Machine Learning Technique	2016	Awarded
7	Dr B Nagaveni, Assistant Professor, Dept. of Electronics and Communication Engineering, Godutai Engineering College for Women, Sharnbasva University, Kalaburagi, awarded Ph.D under my guidance at Vishweshwariah Technological University(VTU),Belagavi, Karnataka,	Human Brain Tumor Disease Detection of MRI scan images by using Image Processing	2016	Awarded
8	Mr Prashant, Assistant Professor, Dept. of Electrical and Electronics Engineering, Appa Institute of Engineering and Technology, Sharnbasva University, awarded under my guidance at Sharnbasva University ,Kalaburagi,	Control of permanent magnet synchronous generator for maximum power generation	2016	Awarded
9	Mr Jagdeesh Assistant Professor, Dept. of Electrical and Electronics Engineering, Appa Institute of Engineering and Technology, Sharnbasva University, registered under my guidance at Sharnbasva University ,Kalaburagi,with	Design and Development of Converter for Electric Vehicle	2019	Pursuing
10	Mrs Savitri, Assistant Professor, Dept. of Electrical and Electronics Engineering, Godutai Engineering College for Women registered under Sharnbasva University ,Kalaburagi, Karnataka	Design and Development of Smart Electric vehicle for Agricultural Applications Using Renewable Energy Source	2022	Pursuing

11	Mrs Ashwini , Assistant Professor, Dept. of Electrical and Electronics Engineering, Godutai Engineering College for Women registered under Sharnbasva University ,Kalaburagi, Karnataka with the title	Intelligent controller-based BLDC Motor Drive for Electric tractor Application.	2022	Pursuing

AREA OF INTEREST
Fuzzy Logic, Sensors

SUBJECTS TAUGHT
UG 1. Basic Electrical Engineering 2. Electrical and Electronic Measurements 3. Electric Circuit Analysis 4. Power Electronics

Sl. No.	**ADDITIONAL INFORMATION**
01	https://scholar.google.co.in/citations?user=uJaufMkAAAAJ&hl=en
02	https://orcid.org/ 0009-0002-0746-1224