FACULTY OF ENGINEERING & TECHNOLOGY (EXCLUSIVELY FOR WOMEN)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Personal Details	
Name: Dr. Shilpa B Shrigiri	
Designation: Professor	
Department: Electronics & CommunicationEngineering	
College Address: Sharnbasva University, Vidya Nagar, Kalaburagi 585103	
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Areasof Interest	Digital VLSI Design, Embedded Systems, IoT.

SubjectsTaught	
UG	**PG**
Basic Electronics, Signals and Systems, Operating Systems, VLSI Design, Embedded System Design, Control Systems, Electronic Circuits, Digital Signal Processing.	Research Methodology, ASIC Design, Advanced Embedded system design, Real time systems, Ad hoc wireless networks.

Academic Background				
Degree	**Specialization**	**Nameofthe Institute**	**University**	**Monthand Year of Passing**
Ph.D	Digital VLSI Design	JNTU, Hyderabad	JNTU, Hyderabad	Oct 2016
PG (M.Tech.)	VLSI Design & Embedded Systems	VTU PG Centre, Belagavi	VTU, Belagavi	Sept 2007
UG (B.E)	Electronics & CommunicationEngineering	PDACE, Kalaburagi	VTU, Belagavi	July 2003

Work Experience			
Name of the Institution	**Position**	**From**	**To**

Faculty of Engineering &Technology (Exclusively for Women), Sharnbasva University, Kalaburagi	Professor	15/05/2020	Tilldate
Hirasugar Institute of Technology, Nidasoshi	Assoc. Prof.	11-11-2017	31-03-2020
SKSVMACET, Laxmeshwar	Professor	01-06-2017	08-11-2017
S G Balekundri Institute of Technology, Belagavi	Assoc. Prof.	04-11-2016	20-05-2017
S G Balekundri Institute of Technology, Belagavi	Asst. Prof.	13-01-2011	03-11-2016
Appa Institute of Engineering &Technology, Kalaburagi	Asst. Prof.	01-03-2007	11-01-2011
Appa Institute of Engineering &Technology, Kalaburagi	Lecturer	08-09-2003	28-02-2007

Total Experience	22	**Teaching**	22	**Research**	18	**Administration**	3

ResearchPublications					
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	15	-	05	02	22
RecentPublications(Journals)					
Shilpa Shrigiri, Smita K, "Study of Topologies, power converters and control techniques for dynamic voltage restorer (DVR)", IEEE Xplore, International conference ICIICS-2023.					
Dr. Shilpa Shrigiri, "A survey Image compression using memristor based hardware accelerator", Strad Research, Vol 7, Issue 9, 2020, pp. 522-529.					

Memberships in ProfessionalBodies	
Sl.No.	**Name of the ProfessionalBody**
1.	LMISTE
2.	IETE

ProgramsOrganized

1.	Technical Talk on "Intel India STEM Skills Program for Women", on 06th February 2024. Resource Person: Mr. Sachin Kumar Pail, Asst. Manager, Technology & Innovation Learning Links Foundation, Bengaluru
2.	Three Days Workshop on "Entrepreneurship and Carrier Opportunities" from 17/11/2023 to 19/11/2023. Resource Persons: Shri Syed Ashfaq Ahmed (Faculty, CEDOK Kalaburagi) Shri Jayaraj, (Unit Head, GTTC Kalaburagi) Dr. Shilpa Shrigiri (Dept. of E&CE, FETW Sharnbasva University Kalaburagi) Smt. Vijaya S R (Belladona Beauty Parlor, Kalaburagi)
3.	One Day Seminar on "Awareness on Govt. Scheme – Amrut Munnade" on 19th August 2022. Resource Person: Mr. Prashant C Haranoor, Placement Officer, GTTC Kalaburagi
4.	One Day Seminar on "Challenges & Opportunities in Manufacturing Industries" on 31st October 2021. Resource Person: Mr. Prashant C Haranoor, Placement Officer, GTTC Kalaburagi
5.	One day webinar on "Course Outcomes for Outcome Based Education (OBE)" on 09/07/2020. Resource Person: Dr. Prashanth C R, Deputy Dean (Examination), Dr. Ambedkar Institute of Technology, Bangalore

TrainingProgrammesAttended				
Sl. No.	Topic	Period		Venue
		From	To	
1.	Workshop on 'Micro and smart systems'	13/03/2006	18/03/2006	Institute for smart structures and systems, Bangalore
2.	Workshop on Cryptography & network security issues	14/03/2012	18/03/2012	VTU, Belagavi
3.	Faculty development program on Nanotechnology	11/04/2012	15/04/2012	VTU, Belagavi
4.	Two-Week ISTE STTP on CMOS, Mixed Signal and Radio Frequency VLSI Design	30/01/2017	04/02/2017	KLECET, Belagavi
5.	One-week FDP on Machine learning & Data Analytics	08/01/2020	11/01/2020	Hirasugar Institute of Technology, Nidasoshi
6.	Contemporary Research Trends Electronics & Communication and Computer Science	06/07/2020	10/07/2020	VTU, Centre for PG Studies, Kalaburagi
7.	FDP on Exemplary Practices in Teaching-Learning and Evaluation of Courses in Computer Science & Information Technology	03/08/2020	07/08/2020	VTU, Centre for PG Studies, Kalaburagi
8.	ATAL FDP on Cyber Security	19/10/2020	23/10/2020	NIT, Nagaland

9.	STTP on Cyber Security & Block chain Technologies	26/10/2020	31/10/2020	Guru Nanak Institutions Technical campus, Hyderabad
10.	ATAL FDP on Internet of Things	02/11/2020	06/11/2020	Govt. engineering college, Rajkot
11.	ATAL FDP on Lab on chip	26/12/2020	30/12/2020	G Pullareddy engineering college, Hyderabad
12.	ATAL FDP on 3D printing & Design	04/01/2021	08/01/2021	IIIT, Kancheepuram.
13.	ATAL FDP on Challenges and Opportunities for Electric vehicle adoption.	19/07/2021	23/07/2021	Erode Sengunthar engineering college.
14.	ATAL FDP on MEMS technology & microsensors	26/07/2021	30/07/2021	NIT, Meghalaya
15.	ATAL FDP on Research & Innovation for growth	23/08/2021	27/08/2021	BNMIT, Bengaluru
16.	ATAL FDP on Challenges and Opportunities for Electric vehicle Adoption	19/07/2021	23/07/2021	Erode Sengunthar Engineering College.
17.	ATAL FDP on MEMS Technology & Microsensors	26/07/2021	30/07/2021	NIT, Meghalaya
18.	ATAL FDP on NEP 2020: Implementation for Quality Education	13/09/2021	17/09/2021	MCNUJC, Bhopal
19.	FDP on Teaching and Learning in Engineering (TALE)	Jan 2022	Feb 2022	NPTEL-AICTE
20.	UGC approved short term professional development programme on Implementation of NEP-2020 for University and College teachers.	13/04/2023	21/04/2023	IGNOU, New Delhi
21.	International FDP on Data Analyst	19/06/2023	23/06/2023	APSSDC &Excelr
22.	FDP on Recent trends in machine learning for Artificial Intelligence	15/07/2023	19/07/2023	Sanmati Engineering College, Washim
23.	FDP on NLP and ChatGPT Applications	14/08/2023	19/08/2023	SECAB Institute of Engg. & Technology, Bijapur
24.	FDP on Emerging trends in Signal Processing, Image Processing & Artificial Intelligence	12/09/2023	16/09/2023	SJMIT, Chitradurga
25.	FDP on Learning for NLP & Computer Vision	23/10/2023	31/10/2023	NIST, Berhampur
26.	FDP on Effective Engineering Teaching in Practice	Jan 2024	Feb 2024	NPTEL-AICTE
27.	FDP on Palo Alto Cloud Security Fundamentals	23/07/2024	27/07/2024	Sharnbasva University, Kalaburagi
28.	FDP on NEP 2020 Orientation & Sensitization Programme	29/07/2024	07/08/2024	IGNOU, New Delhi

| 29. | IEEE International Conference on Integrated Intelligence & Communication Systems (ICIICS) | 24/11/2023 | 25/11/2023 | Sharnbasva University, Kalaburagi |
| 30. | 2nd IEEE International Conference for Women in Innovation, Technology and Entrepreneurship (ICWITE-2024) | 16/02/2024 | 17/02/2024 | Vemana Institute of Technology, Banglore |

Role & Responsibilities	
1.	Member, Board of Examination, Sharnbasva University, Kalaburagi since 2021 to till date.
2.	Member, Board of Studies, Sharnbasva University, Kalaburagi for 2021-22.
3.	Coordinator, IQAC, Sharnbasva University, Kalaburagi since 2022.
4.	NAAC Coordinator, Faculty of Engineering & Technology, (Exclusively for Women), Sharnbasva University, Kalaburagi since 2022
5.	Research Coordinator, ECE & EEE department, Faculty of Engineering & Technology, (Exclusively for Women), Sharnbasva University, Kalaburagi since 2022.
6.	Member Secretary, Women Empowerment Cell at Sharnbasva University, Kalaburagi since 2021.