


FACULTY OF ENGINEERING & TECHNOLOGY (EXCLUSIVELY FOR WOMEN)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Personal Details	
Name: Ratnamala S.Patil	
Designation: Assistant Professor	
Department: Electronics and Communication Engineering	
College Address: Dept. of ECE, FETW, Sharnbasva University Kalaburagi	
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Areas of Interest	Image Processing, Image Processing, Machine learning, Deep learning
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Subjects Taught
UG
Digital Image Processing, Digital Signal Processing, Multimedia Communication, Antenna Wave and Propagation, Microwave and Radar, Optical Fiber Communication, ARM Cortex M3 and Embedded system, Internet of Things, Soft Skills.

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D	Image Processing, Deep learning	PDA College of Engineering, Kalaburagi	VTU	Pursuing
PG (M.tech)	Digital Communication and Networking	Godutai Engineering College for Women, Kalaburagi	VTU	July , 2016
UG (B.E)	Electronics and Communication Engineering	PDA College of Engineering, Kalaburagi	VTU	June , 2014

Work Experience							
Name of the Institution		Position		From		To	
Godutai Engineering College for Women , Kalaburagi		Assistant Professor		1/8/2016		20/09/2021	
Sharnbasva University, Kalaburagi		Assistant Professor		21/09/221		Till dated	
Total Experience	9 years	Teaching	9	Research	-	Administration	-

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Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	1		1	2	04
Recent Publications(Journals)					
1. "Enhanced scene text recognition using deep learning based hybrid attention recognition network". International Journal of Artificial Intelligence" doi:10.11591/ ijai. v13, pp4927-4938 Dec-2024					

Memberships in Professional Bodies	
S.No.	Name of the Professional Body
1.	ISTE
2.	IETE

Programs Organized

Training Programmes Attended				
Sl. No.	Topic	Period		Organizer
		From	TO	
1.	Training program on "Artificial Neural Networks and Fuzzy logic for pattern recognition applications using Matlab"	21/02/2016	23/02/2016	GECW ,KLB
2.	One week STTP on Automation using Internet of Things (IoT)	23/01/2017	28/01/2017	PDACE, KLB
3.	Two weeks AICTE sponsored FDP ON Biomedical Signal Processing and Analysis For Cognitive Neuroscience Study.	1/01/2018	12/01/2018	PDACE, KLB
4.	Research Methodology and Technical Documentation using LaTeX	03/05/2018	05/05/2018	FETW, SUK,KLB
5.	Industry Collaborative One Week Training Program on CYBER SECURITY.	14/03/2019	18/03/2019	PDACE, KLB
6.	Artificial Intelligence and Machine Learning	12/04/2019	13/04/2019	FETW, SUK,KLB
7.	Two days training on " Cloud Computing Architecture and its Applications"	13/08/2019	14/08/2019	PDACE, KLB

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8	Two Days Workshop on “Awareness on Intellectual Property Rights”	12/12/2019	13/12/2019	SUK, KLB
9	One Week FDP on IoT Trends and Strategies with Machine Learning.	30/12/2019	03/01/2020	VTU’s CPGS KLB
1	AICTE sponsored One Week Short Term Training Program on “Medical Signals, Processing and Analysis for Cognitive Research : A Practical Apporach”	27/01/2020	01/02/2020	PDACE, KLB
1	Two week FDP on LaTeX	17/04/2020	30/04/2020	Gopalan college of engineering and management in association with IIT Bombay spoken tutorial.
1	Research Opportunities in Electrical Drives	10/07/2020	10/07/2020	FETW,SUK,KLB
1	One week FDP on LaTeX and its applications for researchers.	20/07/2020	24/07/2020	Vidyavardhaka College of Engineering, Mysuru
1	AICTE sponsored Six days STTP on “Data analytics and machine learning”	3/08/2020	8/08/2020	Amal Jyoti College of Engineering
1	International webinar on “SCI paper and research proposal writing ”	14/08/2020	14/08/2020	Dr. Ambedkar Institute of Technology
1	AICTE sponsored Six days STTP on “ Data analytics and machine learning tools phase-II”	17/08/2020	22/08/2020	Amal Jyoti College of Engineering
1	Open Source Tools for Research and Development	5/02/2022	5/02/2022	SJC Institute of Technology
1	TEQIP III online workshop on “ Advanced Pedagogies: Active Learning and Digital Tools”	5/10/2020	9/10/2020	IIT, Hyderabad
1	ATAL FDP “ Artificial Intelligence”	9/11/2020	13/11/2020	PDACE, Kalaburagi
2	One week FDP on “Cyber Security and Forensic”	7/12/2020	11/12/2020	PDACE, Kalaburagi
2	AICTE sponsored two week FDP on “ Fostering Ethics, Moral Values and Character Building In Technical Eductaion”	23/11/2020	05/12/2020	SVCE, Bengaluru
2	Participated in V.T.U's International Symposium on Technology and Management	16/12/2020	18/12/2020	VTU, Belgavi
2	ATAL FDP “Data Science & Machine Learning with Python”	5/07/2021	9/07/2021	Manipal University Jaipur
2	ATAL FDP “ Next-Generation Applications of artificial Intelligence and machine learning for Smart IoT Applications	18/10/2021	22/10/2021	New Horizon College of Engineering.
2	ATAL FDP "Recent Trends and Challenges in Image Processing and Computer Vision	29/11/2021	03/12/2021	Guru Gobind Singh IP University.

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2	One week international Workshop on “Advanced Technologies in Electrical and ELECTRONIC SYSTEMS”	3/01/2022	7/01/2022	KLS Gogte Institute of Technology
2	One–week AICTE- ISTE Sponsored Refresher Program on “Design Thinking”	07/03/2022	12/03/2022	VTU e-learning center, Mysuru and Vidyavardhaka College of Engineering, Mysuru.
2	Five days international FDP on “ Advanced applications of Robotics and IoT”	29/03/2022	4/04/2022	IEEE Bangalore Section, IETE Bangalore section
2	One day seminar on “ Research Methodology”	7/05/2022	7/05/2022	FETW, SUK
3	Two day workshop on “ Quantum Computing and Communication : New Paradigm”	28/02/2023	1/03/2023	FETW, SUK
3	Five days workshop on "New Age Technologies".	28/03/2023	01/04/2023	SCOPE, VIT-AP University, Amaravati.
3	One week AICTE-VTU joint teachers training programme on “ Introduction to Python Programming and its applications”	19/06/2023	23/06/2023	VTU, CPGS,VIAT, Muddenhalli, Chikkaballapur.
3	Emerging Technologies	11/12/2023	15/12/2023	Vidyavardhaka College of Engineering with TCS
3	Recent Innovations and Trends in Antenna Design	03/01/2024	07/01/2024	SUK
3	IP Awareness/Training program	16/04/2024	16/04/2024	Under NIPAM
3	5- days FDP on “Gen AI & Chat GPT Application in the Industry”	27/01/2025	31/01/2025	At SJC Institute of Technology, Chikkaballapur

Special Lectures Presented

Role & Responsibilities	
1.	Hostel Coordinator
2.	Class Coordinator