JSS Mahavidyapeetha
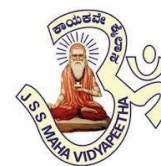## JSS Academy of Technical Education, Bengaluru
Department of Electronics & Communication Engineering

FACULTY PROFILE

1. Personal Details

NAME	Yashaswini B M	
DEPARTMENT	**Electronics & Communication Engineering**	
DESIGNATION	**Assistant Professor**	
PHONE	**8970560159**	
EMAIL ID	**yashaswinibm@jssateb.ac.in**	
TEACHING EXPERIENCE	**3 Years**	
INDUSTRY EXPERIENCE	**6 months**	
RESEARCH EXPERIENCE	**2 years**	

2. Qualification

COURSES	SPECIALIZATION	INSTITUTION	UNIVERSITY
M.Tech	**Signal Processing & Instrumentation**	**RV College of Engineering**	**Autonomous under VTU**
BE	**Electronics & Communication Engineering**	**Sri Jayachamarajendra College of Engineering**	**JSS Science & Technological University**
PUC	**PCMB**	**Citizen PU College**	
SSLC		**Carmel Girls High School**	

3. Awards

Award Title	Date of receiving the award	Award issuing authority/ Body / Organization
1st Rank in M.Tech	02/10/2020	RV College of Engineering

3. Publications (Journals / Conferences)

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	A fast half-subtractor using 8T static random access memory for in-memory computation	Yashaswini B M, Deepika Prabhakar, Nagaraja Shylashree,	International Journal of Reconfigurable and Embedded Systems (IJRES)	Vol. 14, No. 1, 2024	Scopus	**7.52**	Institute of Advanced Engineering & Science.

		Sunitha Yariyur Narasimhaiah					
2	Energy efficient greedy tree based algorithm for data aggregation in wireless sensor network	Yashaswini B M, G. Adiline Macriga, K. Malarvizhi.	Measurement: Sensors	Volume 30, December 2023, 100910	Scopus	**5.2**	Elsevier Ltd.

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conferences	Published Year	WOS / Scopus / Both
1	Jellyfish Search Optimizer with Deep Learning Driven Cervical Cancer Recognition and Classification Model on Biomedical Images	Yashaswini B M, M. Suresh Anand, S.Venkatramulu; Sesha Vidhya S; W T Chembian	Second International Conference on Advances in Information Technology	**24 July 2024**	Scopus

5.Others : Workshops / Conference (Orgainsed/Attended)

5.a. Workshops / Conference Attended

1.	AI Computation on Embedded
2.	Python Programming
4.	Cryptography for information security

5.b. Any other information you will like to share about your professional experience

1. Remarkable experience in DRDO R&D projects with hands-on experience in the area of Embedded systems and AI.

2. Worked in IISC-TCS-Innovation lab.