




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



FACULTY PROFILE

1. Personal Details

NAME	GUNASAGARI G S	
DEPARTMENT	Electronics & Communication Engineering	
DESIGNATION	Assistant Professor	
PHONE	9480363534	
EMAIL ID	gunasagarigs@jssateb.ac.in	
TEACHING EXPERIENCE	8.6	
INDUSTRY EXPERIENCE	NIL	
RESEARCH EXPERIENCE	NIL	

2. Qualification

COURSES	SPECIALIZATION	INSTITUTION	UNIVERSITY
M.Tech	Digital Electronics and Communication	Sambhram Institute of Technology , Bengaluru	Visvesvaraya Technological University, Belgaum
BE	ECE	Ghousia College of Engineering, Ramanagaram	Visvesvaraya Technological University, Belgaum
PUC	PCMB	Marimallappa PU College, Mysore	PU Board, Karnataka
SSLC	State syllabus	Marimallappa's High School, Mysore	Karnataka Secondary Education Board.

3. Membership of Professional Bodies:

1. **Indian Society of Technical Education- LM 121578 from 8 Aug 2018**

4. Awards

Award Title	Date of receiving the award	Award issuing authority/ Body / Organization
Outstanding Academic Performance in M.Tech.	17.5.2015	Sambhram Institute of Technology , Bengaluru

5. Publications (Journals Conferences)

Conference papers (WOS/Scopus only)

1. Gunasagari, G. S., Poornima, N., Yaji, A., Achuth, M., Dsilva, A. M., & Chethana, R. S. (2021). Review on Text and Speech Conversion Techniques based on Hand Gesture. 2021 5th International Conference on

Intelligent Computing and Control Systems (ICICCS), 1682–1689.

<https://doi.org/10.1109/iciccs51141.2021.9432277>

2. Gunasagari, G. S., Poornima, N., Yaji, A., Achuth, M., Dsilva, A. M., & Chethana, R. S. (2022). Keller: Indian Sign Language based Gesture to Text and Speech Assistant for Covid-19 Protective Quotes. 2022 7th International Conference on Communication and Electronics Systems (ICCES), 241–247.

<https://doi.org/10.1109/icces54183.2022.9835823>

3. N Poornima, Gunasagari, G. S., Bangar, A. S., Sai, P., Pai, P., & Mehta, T. (2023). Patronus: Fire Detection and Extinguisher System using Image Processing. 2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS), 1300–1306. <https://doi.org/10.1109/iciccs56967.2023.10142665>

Other Journal :

1. Gunasagari, G.S., Spandana Shashikumar, Manohar B S (2021). COMPARING PACKET PROCESSING SPEED USING DPDK. INTERNATIONAL JOURNAL of ELECTRICAL ENGINEERING & TECHNOLOGY, 12(7), 32–38. <https://doi.org/10.34218/IJEET.12.7.2021.005>

Journal in WOS and Scopus only

1. P Thejaswini, Sunita Shirahatti, Gunasagari, G. S., Hongal, R. S., & Mattimani, R. S. (2024). Prediction-Enabled Resource Allocation for Air Quality Monitoring using Temporal Convolutional Network-Based PM2.5 Forecasting Model in Cloud Datacenters. Journal of Circuits Systems and Computers. <https://doi.org/10.1142/S0218126625501683>

6. Grants/Funding Received

Grant Amount	Project Name	Date of receiving the Grant	Grant issuing authority/ Body / Organization
RS. 7000/-	KELLER: Indian Sign Language Gesture To Text And Speech Assistant	23.4.2021	KSCST, Bangalore
RS. 6000/-	Saniha: Application To Create Virtual Relationship Between Farmers And Consumers.	11.05.2022	KSCST, Bangalore

6.Others :Workshops / Conference (Orgained/Attended)

6.a. Workshops / Conference organized

Online Webinar IPR and Patent Filing	10th June 2020	JSS Academy Of Technical Education, Bengaluru
5G Technologies	11th June 2020	
Internet Of Things	12th June 2020	
Data Science Innovations	13th June 2020	
Online Webinar Geo-Spatial Technology applications	30th June 2020	
VLSI Standard Cell Design	1st July 2020	
Embedded Skill Development	2nd July 2020	
The world of Circuit Simulation	4th July 2020	
Image and Signal Processing (One - Week Online FDP)	4th to 8th January 2021	

6.b. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

6.c. workshop/ Seminar /Conference Attended (those NOT sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Workshop/Webinar	Date	Venue
Latex(Two week FDP)	17.04.2020 to 30.04.2020	Gopalan College of Engineering with IIT
Fabrication Of Electronic Devices Using Nanomaterial's (Two Week FDP)	24th August -4th September 2020	TEQIP-III, JSSSTU
Contemporary Tools and Techniques for teachers and Researchers in Higher Education (FDP)	9th May 2020	Cambridge Institute of Technology with AICTE
An Introduction to Coding Theory(AICTE FDP)	Sep-Nov 2020 (8week)	IIT, Kanpur
Artificial Intelligence (AICTE Training And Learning (ATAL) Academy online 1-week FDP)	27/1/2021 to 31/1/2021	Sri Jayachamareajendra College of Engineering, Mysuru
Blockchain (AICTE Training And Learning (ATAL) Academy online 1-week FDP)	18/1/2021 to 22/1/2021	JSS Academy Of Technical Education, Bengaluru

6.d. PROJECT / Innovations/Patents

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6.e. Any other information you will like to share about your professional experience

Name of the subject	Organised by	Date of completion / Award
Hardware Modeling using Verilog (NPTEL)	IIT Kharagpur	October 2019
Computer Networks and Internet Protocol (NPTEL)	IIT Kharagpur	April 2020
Fundamentals of MIMO Wireless Communication (NPTEL)	IIT Kharagpur	March 2020
Introduction to TCP/IP (COURSERA)	Yonsei University	18.05.2020
Introduction to Machine Learning (COURSERA)	Duke University	21.05.2020
Professional Mentoring Program (PMP) 2024 as an academic mentee.	IEEE India Council Industry Academia Young Professionals Committee (IAYPC)	20.08.2024 to 20.12. 2024.

SCOPUS id	57852820100
Google scholar id	https://scholar.google.com/citations?hl=en&user=AE6ODoYAAAAJ
Orcid id	https://orcid.org/0000-0002-2770-1742
Publons Link	https://publons.com/researcher/3114549/gunasagari-g-s/