Date: 02/08/2023

Faculty Profile

Name:	Mr. Girish K A
Current Designation:	Assistant Professor
Date of Current Designation	16-07-2018
Department	Electronics and Communication engineering
University Faculty Reg. No	4MTEC0000498

Qualification:

Degree	Year	College and University
M.Tech	2013	MCE Hassan, Karnataka
B.E	2011	KVG college of engineering, Sullia, D.K, Karnataka

Date of joining to the Institute: 16-07-2018

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Assistant Professor	16-07-2018	Till date	ECE
Assistant Professor	15-07-2013	31-05-2018	ECE

Details of Publication:

No. of papers published in National Conference: | 0

No. of papers published in Inter-national Conference: | 1

Number of International Journal: | 0

Description of the paper and Reference
1. **Cellular automata based brain tumor segmentation on weighted magnetic resonance images**

No of National Workshops attended:1

Workshop Title	Venue	Date
Introduction to Python Programming and Its applications	Centre for Post-graduation studies, VIAT,Chikkaballapur	13th -17th march 2023

Responsibilities taken in college level:

Event	Positions	Year
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Responsibilities taken in Department level:

Committee	Positions	From Duration To	
NBA Coordinator	Member	2021	Till date
Department Placement coordinator	Member	2021	Till date
IUCEE- Indo Universal Collaboration for Engineering Education	Member	2023	Till date

No of student projects carried out as a guide (UG):

Project Name & Descriptions	Year
IoT based health monitoring system: The controller ESP32 is utilized for Wireless data transmission on IOT technique using an android app BLYNK. Visually digitalizing the data on a Blynk Android App. Patient's record of data will be stored over a period of time.	2022-2023
Smart Parking System Using Node MCU: The purpose of this project is to provide a simple automatic parking space allocation system, using basic components such as Arduino, to provide a solution to the parking space allocation problem. If the user is authorized and the parking lot has space available, the parking door will open and allow the user to park the vehicle in the parking lot, otherwise the user will not be allowed to park even if the user is an authorized person	2021-2022
Automated human following trolley: This project proposes an automated human following trolley using the image and video processing. The HSV value of the image taken from the camera will be calculated. If it matches the valid sticker's value, then the trolley will follow that person who has a specific sticker by maintaining a constant distance from that person.	2020-2021
Women's Safety Device with GPS Tracking and Alerts: This Project presents a women safety detection system using GPS and GSM modems. The system can be interconnected with the alarm system and alert the neighbours.	2019-2020

No of subjects taken for UG students:

Subject Title	Year	Semester and branch	No. of students attended	No.of students passed	Pass percentage
Network security(18EC821)	2022-2023	VIII	30	30	100
Embedded systems(18EC62)	2022-2023	VI	38	Yet to be announced	
Embedded systems lab(18ECL66)	2022-2023	VI	38	38	100
Information theory and coding(18EC54)	2022-2023	V	38	34	90
Cryptography(18EC744)	2022-2023	VII	30	30	100
Digital signal processing lab(18ECL57)	2022-2023	V	38	36	95
Network security(18EC821)	2021-2022	VIII	39	39	100
Embedded systems(18EC62)	2021-2022	VI	30	29	97
Embedded systems lab(18ECL66)	2021-2022	VI	30	30	100
Information theory and coding(18EC54)	2021-2022	V	30	30	100
Cryptography(18EC744)	2021-2022	VII	39	38	97
Digital signal processing lab(18ECL57)	2021-2022	V	30	30	100

Network and cyber security	2020-2021	VIII	34	33	97
Arm and Embedded systems	2020-2021	VI	39	37	95
Embedded controller lab	2020-2021	VI	39	39	100
Information theory and coding	2020-2021	V	39	39	100
Digital Image processing	2020-2021	VII	34	33	97
Digital signal processing lab	2020-2021	V	39	39	100
Network and cyber security	2019-2020	VIII	42	42	100
Arm and Embedded systems	2019-2020	VI	34	33	97
Embedded controller lab	2019-2020	VI	34	34	100
Information theory and coding	2019-2020	V	34	32	94
Digital Image processing	2019-2020	VII	42	40	95
Digital signal processing lab	2019-2020	V	34	34	100
Principles of communication systems	2018-2019	IV	34	28	82
Arm and Embedded systems	2018-2019	VI	42	40	95
Embedded controller lab	2018-2019	VI	42	42	100
Electronic instrumentation	2018-2019	III	34	29	85
Information theory and coding	2018-2019	V	42	40	95
Digital signal processing lab	2018-2019	V	42	42	100

Personal Details:

Permanent Address: Galibeedu village and post, Madikeri Taluk.

Date of Birth: 20/04/1990
Blood group: A^+
Father's name: Mr. Ananda K G
Mother' name: Mrs. Gangamma M U
Nationality: Indian