




MAHARAJAINSTITUTE OF TECHNOLOGY THANDAVAPURA
MYSURU - OOTY ROAD, JUST OFF NH 766 NANJANAGUDU
TALUK, THANDAVAPURA, KARNATAKA 571302

Date: 02/08/2023

Faculty Profile

Name:	MADHAN KUMAR G S	
Current Designation:	ASSISTANT PROFESSOR	
Date of Current Designation	16/07/2018	
Department	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	
University Faculty Reg. No	4MNIS0012089	

Qualification:

Degree	Year	College and University
BE (ISE)	2004	THE NATIONAL INSTITUTE OF ENGINEERING (NIE), MYSURU, VTU, BELGAUM
M.Tech (CNE)	2012	THE NATIONAL INSTITUTE OF ENGINEERING (NIE), MYSURU, VTU, BELGAUM
(Ph.d)(CS)		JSS SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU

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	Artificial Intelligence and Data Science

2) Details of Publication:

No. of papers published in National Conference:

No. of papers published in Inter-national Conference:

Number of International Journal:

3
2

Description of the paper and Reference
1. Published a paper titled "Ensemble Method for User Activity classification in Ambient Assisted Living" in International Conference on Innovative Trends in Information Technology 2022, Feb 2022.
2. Published a paper titled "KNN based decision model for Device Argumentation in Ambient Assisted Living" in International Conference on Intelligent Systems and Applications, May 2022.
3. Published a book chapter titled "Classification of emotions in Ambient Assisted Living Environment using Machine Learning Approaches" in Springer Nature Singapore, 2023.

No of National Workshops attended:

4

Workshop Title	Venue	Date
Research Avenues in DS and ML	NIE	Jan 2 nd to 6 th 2023
Information technology workshop	Vaagdevi Engineering college, Hyderabad	July 2020
Neural Networks - Journey From Shallow To Deep Learning	Jain University	June 5 2020
ML and AI Using Covid-19 Virus Data Analysis	Finland Labs	30th & 31st May 2020

Responsibilities taken in college level:

Event	Positions	Year
College Website Maintenance	Web Developer	2022

Responsibilities taken in Department level:

Committee	Positions	From	Duration	To
Time Table	Coordinator	2019		Till date
Academic Seminar	Coordinator and Guide	2019		Till date
Student Monitoring committee	Mentor	2017		Till date
Scholarship	Coordinator	2021		Till date
Health Insurance	Coordinator	2020		Till date
NBA	Coordinator	2022		Till date
Academic Projects	Guide	2019		Till date

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

Project Name & Descriptions	Year
IoT Based Intelligent Agriculture field monitoring System	2019-2020
Detection of Polycysticovarian Syndrome based on Ultrasonographic Images	2019-2020
Handwriting Analysis for Human Behavior	2020-2021
Chironomy to Text	2021-2022
Farmer Friendly English Text to Kannada Speech Application	2022-2023
Multi-Organ Failure Prediction Using Machine Learning	2022-2023

No of subjects taken for UG students:

Subject Title	Year	Semester and branch	No.of students attended	No.of students passed	Pass percentage
Automate Theory and Computability (15CS54)	2018	5 th and ISE	30	29	97%
File Structures (15IS62)	2019	6 th and ISE	30	29	97%
Machine Learning (15CS73)	2019	7 th and ISE	30	30	100%
Big Data Analytics (15CS82)	2020		29	29	100%
Object-Oriented Concepts (17CS45)	2019	4 th and ISE	24	22	91.67%
File Structures (17IS62)	2020	6 th and ISE	23	23	100%
Machine Learning (17CS73)	2021	7 th and ISE	23	21	91.30%
File Structures (18IS61)	2021	6 th and ISE	11	11	100%
Artificial Intelligence and Machine Learning (18CS71)	2022	7 th and ISE	11	11	100%
Object-Oriented Concepts (18CS45)	2020	4 th and ISE	47	47	100%
Automate Theory and Computability	2021	5 th and ISE	47	41	91%

(18CS54)					
File Structures (18IS61)	2021	6 th and ISE	47	44	93.62%
Artificial Intelligence and Machine Learning (18CS71)	2022	7 th and ISE	47	46	97.87%
Object-Oriented Concepts (18CS45)	2021	4 th and ISE	42	42	100%
Automate Theory and Computability (18CS54)	2022	5 th and ISE	42	40	95.24%

Personal Details:

Permanent Address: #89, 4thCross,weavers Colony, Vishweshwara Nagar, Mysuru-570008

Date of Birth:03/05/1982

Father'sname: Siddaramu G

Mother' name:Jaya

Nationality: Indian

Blood group:O+ve