



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

### Faculty Profile

Date 01/08/2023

Name:	MAHADEVA PRASAD Y N	
Current Designation:	Assistant Professor	
Date of Current Designation	03-07-2017	
Department	Computer Science and Engineering	
University Faculty Reg. No	4MNIS0005680	

Qualification:

Degree	Year	College and University
Pursuing Ph.D	2019	University of Mysore, Mysore
M.Tech	2010	NIE Mysore, VTU Belagavi
B.E	2006	KVGCE Sullia, VTU Belagavi

Date of joining to the Institute: 03-07-2017

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Assistant Professor	03-07-2017	Till date	COMPUTER SCIENCE AND ENGINEERING

Details of Publication:

No. of papers published in National Conference: 03  
No. of papers published in Inter-national Conference: 02  
Number of International Journal: 03

Description of the paper and Reference
<p>1. "Detection and Recognition of Printed Kannada Text in Scene Images using Machine Learning Techniques", International Conference on Advanced Innovative Research in Engineering and Technology (ICAIRET-2024), organized by Mizoram University.</p> <p>NOTE: The above paper selected for published in a special issue of Science and Technology Journal (UGC-Care List) and Journal of Cognitive Human-Computer Interaction (Peer Reviewed journal).</p>
<p>2. "Recognition of Printed Kannada Text in Scene Images using Machine Learning Techniques". International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (IJISAE, Q2-Q3 Journal in 2023), ISSN:2147-67992, Revised: 22/11/2023 and Accepted: 03/12/2023.</p>

3. “Kannada Text Detection in Scene Images Using Feed Forward Neural Network(F2N2)”. International Conference On Engineering Innovation (ICEI 2022), organized by the Jain Institute of Technology, Davanagere, India in association with Technical Institute for Engineers on 3 <sup>rd</sup> June, 2022.
4. “A Novel Scheme for Kannada Character Recognition: Convolutional Neural Networks (CNN) based Approach”. 4 <sup>th</sup> International Conference on Latest Trends in Engineering and Management (ICLTEM-2023) organized by Institute for Engineering Research and Publication (IFERP), held on 23 <sup>rd</sup> and 24 <sup>th</sup> March 2023 in Pune, India. a. -The above Research paper selected for ICLTEM-23 Book chapter.
5. “Sentimental Analysis Based on Deep Learning”
6. “CARDIOVASCULAR DISEASE PREDICTION USING ML”
7. ” Identification Of Diseases for Some Plants And Its Remedial Techniques With Image Processing”
8. “Intrusion Detection in Homogeneous and Heterogeneous Wireless Sensor Network”

**No of National Workshops attended: 20.**

Workshop Title	Venue	Date
1. Potential research directions in blockchain security	VVCE, Mysore	19-02-2024 to 29-02-2024
2. Machine Learning and Computer Vision	Vignans Foundation for Science Technology and Research University.	21-6-2021 to 25-6-2021
3. Deep Learning	Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior	05-7-2021 to 09-7-2021
4. Recent Trends and opportunities for a. Research in Electronics and Computer Science Engineering	Goa College of Engineering	24-05-2021 to 28-05-2021
5. Computer Science & Biology	Malnad College of Engineering	2021-1-19 to 2021-1-23
6. NLP and Related Technologies	NMAM Institute of Technology, Nitte	9-7-2020 to 11-07-2020
7. IBM Bluemix	NIE, Mysuru	24-09-2016
8. PEDAGOGICAL TRAINING	NIE, Mysuru	11-07-2016 to 6-07-2016
9. Cloud Computing Applications for Commerce , Management ,Science and a. Technology	MET, Mysuru	27-11-2016
10. Pedagogy on Student performance a. evaluation	NIE, Mysuru	02-01-2017 to 7-01-2017
11. Cisco Packet Tracer and Networking	NIE, Mysuru	07-03-2015 to 8-03-2015
12. ANDROID IN AND OUT	NIE, Mysuru	06-02-2017 to 10-2-2017
13. Innovative Implementable Ideas for a. Industry Institution Interaction(i3 for i3)	University of Mysuru, Mysuru	28-03-2015 to 9-3-2015
14. IoT in Medical Imaging	NIE, Mysuru	30-11-2015 to 4-12-2015
15. Recent Trends and Challenges in Next a. Generation Computer Networks	NIE, Mysuru	30-05-2014 to 31-5-2014
16. Cloud Computing	NIE, Mysuru	22-07-2013 to 26-7-2013
17. Recent trends and development in Business a. Intelligence and Knowledge Exploration	NIE, Mysuru	27-09-2013 to 28-9-2013

18. Emerging Trends in Nano-electronics and a. Device Packaging	NIE, Mysuru	30-09-2013 to 1-10-2013
19. Storage Virtualization	SIT, Mangalore	10-11-2008
20. Network Simulator-2	NIE, Mysuru	11-03-2013

**Responsibilities taken in college level:**

Event	Positions	Year
CSI	Coordinator	2018
IQAC	Member	2020
College Website Maintenance	Web Developer	2022
Marketing	Member	2017

**Responsibilities taken in Department level:**

Committee	Positions	From	Duration	To
Academic Projects	Coordinator	2019		Till Date
Student Monitoring	Mentor	2017		Till Date
Academic Seminar	Guide	2019		Till Date
NBA	Criterion 9 Coordinator	2018		Till Date

**No of student projects carried out as a guide (PG): 49**

Project Name & Descriptions	Year
1. CRYPTCLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUDSTORAGE	2019-20
2. AUTOMATED SMART SERICULTURE SYSTEM AND SEX IDENTIFICATION OF SILKWORMS	2019-20
3. MEDICAL IMAGE PROTECTION USING GENETIC ALGORITHM OPERATIONS	2019-20
4. CLASSIFYING DIABETIC RETINOPATHY USING DEEP LEARNING ARCHITECTURE	2020-21
5. CLASSIFICATION OF BLOOD CELL USING CNN	2020-21
6. SEMI-SUPERVISED MACHINE LEARNING APPROACH FOR DDOS DETECTION	2020-21
7. JANSEV	2020-21
8. IOT BASED SEMI AUTOMATED IRRIGATION USING ANDROID AND AURDUINO	2020-21
9. HANDWRITING ANALYSIS FOR HUMAN BEHAVIOR PREDICTION	2020-21
10. BETEL LEAF DISEASE PREDICTION USING MACHINE LEARNING TECHNIQUES	2020-21
11. AUTOMATIC KANNADA NUMBER PLATE RECOGNITION USING MACHINE LEARNING	2021-22
12. CROP YIELD PREDICTION USING MACHINE LEARNING	2021-22
13. "SENTIMENTAL ANALYSIS BASED ON DEEP LEARNING"	2022-23
14. "CARDIOVASCULAR DISEASE PREDICTION USING ML"	2022-23

**No of subjects taken for UG students:**

<b>Subject Title</b>	<b>Year</b>	<b>Semester and branch</b>	<b>No. of students attended</b>	<b>No. of students passed</b>	<b>Pass percentage</b>
AI&ML LABORATORY	2021-22	VII	56	56	100%
COMPUTER ORGANIZATION AND ARCHITECTURE	2022-23, 2021-22	III ,	66,65	65,63	98%,96%
MOBILE APPLICATION DEVELOPMENT	2022-23, 2021-22	VI,	64	64	100%
COMPUTER NETWORKS AND SECURITY,MS LAB WEB TECHNOLOGY AND APPLICATIONS	2022-23, 2021-22	V,III,VI V	65,56,64	65,56,64	100%,100%,100%
COMPUTER NETWORKS LABORATORY	2022-23	V,	42	42	100%
PROJECT WORK	2023-24, 2022-23, 2021-22, 2020-21, 2019-20	VII, CSE,	63 67 49 45 46	63 67 49 45 46	100% 100% 100% 100% 100%
INTERNET OF THINGS	2021-22	VIII,	12	12	100%
INTRODUCTION TO PYTHON PROGRAMMING	2023-24	I	60	55	92%
PLACEMENT TRAINING	2022-23, 2021-22	VIII			

**Personal Details:**

Blood group: **B+**  
Date of Birth: **18-12-1981**  
Father's name: **S Nagappa**  
Mother' name: **S Bhagyamma**  
Nationality: **INDIAN**

**Permanent Address:**

#2334 , 2<sup>nd</sup> B main D Block  
Kanakadasa Nagara, Mysore