



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

### Faculty Profile

|                                   |   |  |
|-----------------------------------|---|--|
| <b>Name:</b>                      | <b>Dr. MAHADEVA PRASAD Y N</b>                  |  |
| <b>Current Designation:</b>       | <b>Assistant Professor</b>                      |  |
| <b>Department</b>                 | <b>Artificial Intelligence and Data Science</b> |  |
| <b>University Faculty Reg. No</b> | <b>4MNIS0005680</b>                             |  |

Qualification:

| Degree | Year | College and University       |
|--------|------|------------------------------|
| Ph.D   | 2025 | 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 | <b>03-07-2017</b> | Till date | <b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE</b> |

Details of Publication:

No. of papers published in National Conference: **02**  
No. of papers published in Inter-national Conference: **04**  
Number of International Journal: **04**

| Description of the paper and Reference   |
|--|
| 1. " 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.  |
| 2. "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.   |
| 3. "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. |

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| -The above Research paper selected for ICLTEM-23 Book chapter.                                     |
| 4. “Sentimental Analysis Based on Deep Learning”   |
| 5. “CARDIOVASCULAR DISEASE PREDICTION USING ML”  |
| 6. ” Identification Of Diseases for Some Plants And Its Remedial Techniques With Image Processing” |
| 7. “Intrusion Detection in Homogeneous and Heterogeneous Wireless Sensor Network”                  |

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

| <b>Workshop Title</b>   | <b>Venue</b>   | <b>Date</b>              |
|---|--|--------------------------|
| 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<br>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<br>a. Technology               | MET, Mysuru  | 27-11-2016               |
| 10. Pedagogy on Student performance<br>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<br>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<br>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<br>a. Intelligence and Knowledge Exploration            | NIE, Mysuru  | 27-09-2013 to 28-9-2013  |
| 18. Emerging Trends in Nano-electronics and<br>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): 51**

| 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:**

| Subject Title                          | Year                | Semester and branch | No. of students attended | No. of students passed | Pass percentage |
|--|---------------------|---------------------|--------------------------|------------------------|-----------------|
| OPERATING SYSTEM                       | 2022-23,<br>2021-22 | IV , AI & DS,ISE    | 56,42                    | 42                     | 100%            |
| COMPUTER ORGANIZATION AND ARCHITECTURE | 2022-23,<br>2021-22 | III , AI & DS,ISE   | 56,42                    | 55,42                  | 98%,100%        |
| MOBILE APPLICATION DEVELOPMENT         | 2022-23,<br>2021-22 | VI,                 | 42                       | 42                     | 100%            |
| COMPUTER NETWORKS AND SECURITY         | 2022-23             | V,                  | 42                       | 42                     | 100%            |

|                                       |   |           |                   |       |      |
|---------------------------------------|---|-----------|-------------------|-------|------|
| COMPUTER NETWORKS LABORATORY          | 2022-23                                     | V,        | 42                | 42    | 100% |
| PROJECT WORK                          | 2022-23,<br>2021-22,<br>2020-21,<br>2019-20 | VII, CSE, | 67,47<br>13,23,30 | 67,47 | 100% |
| INTERNET OF THINGS                    | 2021-22                                     | VIII,     | 12                | 12    | 100% |
| INTRODUCTION TO PYTHON<br>PROGRAMMING | 2023-24                                     | I         |                   |       |      |
| INTERNET OF THINGS                    | 2024-25                                     | VII       | 52                | 52    | 100% |

**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

Yours Faithfully,