




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

Date:01-02-2024

Faculty Profile

| | | |
|------------------------------------|----------------------------------|---|
| Name: | Mr. Bharath Bharadwaj B S |  |
| Current Designation: | Assistant Professor | |
| Date of Current Designation | 03-07-2017 | |
| Department | Computer Science and Engineering | |
| University Faculty Reg. No | 4MNCS0005671 | |

Qualification:

| Degree | Year | College and University |
|--------|------|-------------------------------|
| M.Tech | 2016 | SJCE, Mysore and VTU Belagavi |
| B.E. | 2011 | MIT Mysore and 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 | CS&E |

Details of Publication:

| | |
|---|----|
| No. of papers published in National Conference: | 0 |
| No. of papers published in Inter-national Conference: | 0 |
| Number of International Journal: | 07 |

| Description of the paper and Reference |
|--|
| 1. "Detection of Skin Cancer Based on Skin Lesion Images Using Deep Learning", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 10 Issue: 05 May 2023 pp.448-453. |
| 2. "Automated Railway Monitoring System", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 10 Issue: 05 May 2023 pp.276-282. |

3. “A Deep Learning Approach to Classify Drones and Birds”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 10 Issue: 04 Apr 2023 pp.1754-1760.
4. “Earlier Detection of Forest Fire Using IoT”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 10 Issue: 04 Apr 2023 pp.1708-1711.
5. “Smart Music Player Based on Emotion Detection”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 09 Issue: 06 Jun 2022 pp.3483-3488.
6. “Real Time Drowsiness Detection”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 09 Issue: 07, July 2022 pp.1819-1823.
7. “A novel approach for person identification in digital images”, International Journal of Current Trends in Engineering and Research (IJCTER), e-ISSN 2455–1392 Volume 2 Issue 4, April 2016 pp. 390 – 396.

No of National Workshops attended: 14

| Workshop Title | Venue | Date |
|--|--|--|
| One Week (10 hours) live online industrial training on “Deep Learning” | Online | 25 th to 29 th December, 2023 |
| Industry Interaction with Advi group of Companies | Novel MSR Building, Subbaiah Reddy Colony, Marathahalli Village, Marathahalli, Bengaluru, Karnataka 560037 | 22 nd November, 2023 |
| Online FDP on “Cloud Infrastructure (AWS)” | NIE Mysore in Collaboration with Brainovision Solutions India Pvt. Ltd. | 21 st to 25 th August, 2023 Five Days |
| Online FDP on “Python with Data Analytics” | Ramanujan College, University of Delhi | 07 th to 13 th August, 2023 One-Week |
| FDP on “VLSI Design” | NIE, Mysore in collaboration with Proxelera | 15 th to 17 th May, 2023. Three Days |
| Online Inter-Disciplinary refresher course on “Managing Online Classes and Co-Creating MOOCs 23.0” | Ramanujan College, University of Delhi | 07 th to 21 st February, 2023 Two-Weeks |
| Online FDP on “NoSQL Database” | SJBIT, Bengaluru | 28 th March 2022 to 02 nd April 2022 SixDays |
| Online FDP on “Mean Stack Technologies” | Sree Vidyanikethan Engineering College (Autonomous) | 21 st to 25 th September, 2021. Five days |

| Workshop Title | Venue | Date |
|---|---|---|
| Online webinar on “Real Time Application on Speech and Natural Language Processing” | Dept. of IS&E and CS&E, SJCE, JSS S&TU, Mysuru | 24 th and 25 th September, 2020 Two days |
| Online webinar on “Big Data Architecture and Ecosystem” | East Point College of Engineering and Technology, Bengaluru | 11 th July, 2020 One day |
| Online webinar on “Evolution on Big-Data” | Dept. of IS&E, MVJCE, Bengaluru | 27 th June, 2020 One day |
| Workshop on “ <i>Virtual Labs</i> ” | IIT, Bombay organized by VTU, Belagavi in co-ordination with ATME, Mysuru | 16 th November, 2019 One day |
| Workshop on “ <i>Introduction to Python</i> ” | IIT, Bombay in co-ordination with MIT Mysore | 20 th July, 2019 One day |
| Workshop on “ <i>Android Development Fundamentals Faculty Training</i> ” | Google organized by VTU, Belagavi in co-ordination with VVCE, Mysuru | 28 th , 29 th of August, 2017 and 1 st September, 2017 Three days |

Responsibilities taken in college level:

| Event | Positions | Year |
|---|--------------|-----------|
| Online CBT Exams | Co-Ordinator | Currently |
| VTU QPDS | Co-Ordinator | Currently |
| Hackmitten 1.0 | Co-Ordinator | 2023 |
| Five days FDP on Mobile Application Development | Co-Ordinator | 2022 |
| CodeSmitten 2.0 | Co-Ordinator | 2022 |
| CodeSmitten 1.0 | Co-Ordinator | 2021 |
| CSI Region V Student Convention | Co-Ordinator | 2020 |

Responsibilities taken in Department level:

| Committee | Positions | Duration | |
|------------------------|-------------------------|----------|-----------|
| | | From | To |
| ISO | Co-Ordinator | 2019 | Till Date |
| NBA | Criteria 6 Co-Ordinator | 2019 | Till Date |
| Class Teacher | Member | 2017 | Till Date |
| Student Mentorship | Member | 2017 | Till Date |
| Department Maintenance | Member | 2017 | Till Date |

No of student projects carried out as a guide (UG):10

| Project Name & Descriptions | Year |
|--|---------|
| Detection of Skin Cancer Based on Skin Lesion Images Using Deep Learning | 2022-23 |
| Automated Railway Monitoring System | 2022-23 |
| A Deep Learning Approach to Classify Drones and Birds | 2022-23 |

| | |
|--|---------|
| Earlier Detection of Forest Fire Using IoT | 2022-23 |
| Real Time Drowsiness Detection | 2021-22 |
| Smart Music Player Based on Emotion Detection | 2021-22 |
| Secure Distributed De-Duplication System in Reliable Cloud Storage | 2020-21 |
| Removal of noise and blur from the image using convolutional neural network | 2020-21 |
| A novel approach for prediction of crop and market price with assistive information towards weather, nearby fertilizer outlets and FAQs on crops | 2019-20 |
| Mining Online Social Data for Detecting Social Network Mental Disorders | 2019-20 |

No of subjects taken for UG students:14

| Subject Title | Year | Semester and branch | No. of students attended | No. of students passed | Pass percentage |
|--|---------|---------------------|--------------------------|------------------------|-----------------|
| Data Structures and its Applications | 2023-24 | SEM 3, CSE | - | - | - |
| Data Structures Laboratory | 2023-24 | SEM 3, CSE | - | - | - |
| Computer Graphics and Visualization | 2022-23 | SEM 6, CSE | 64 | 64 | 100% |
| Computer Graphics Lab with Mini-Project | 2022-23 | SEM 6, CSE | 64 | 64 | 100% |
| Data Structures and Applications | 2022-23 | SEM 3, CSE | 66 | 59 | 89.39% |
| User Interface Design | 2022-23 | SEM 7, CSE | 67 | 67 | 100% |
| Computer Graphics and Visualization | 2021-22 | SEM 6, CSE | 67 | 67 | 100% |
| Computer Graphics Lab with Mini-Project | 2021-22 | SEM 6, CSE | 67 | 67 | 100% |
| NoSQL Database | 2021-22 | SEM 8, CSE | 51 | 51 | 100% |
| User Interface Design | 2021-22 | SEM 8, CSE | 2 | 2 | 100% |
| User Interface Design | 2021-22 | SEM 7, CSE | 51 | 51 | 100% |
| Data Structures and Applications | 2021-22 | SEM 3, CSE | 68 | 66 | 97% |
| Data Structures Laboratory | 2021-22 | SEM 3, CSE | 68 | 66 | 97% |
| Modern Interface Design | 2020-21 | SEM 8, CSE | 1 | 1 | 100% |
| User Interface Design | 2020-21 | SEM 8, CSE | 45 | 45 | 100% |
| Computer Graphics and Visualization | 2020-21 | SEM 6, CSE | 49 | 49 | 100% |
| Computer Graphics Lab with Mini-Project | 2020-21 | SEM 6, CSE | 49 | 49 | 100% |
| Dotnet Framework for Application Development | 2020-21 | SEM 5, CSE | 2 | 1 | 50% |
| C Programming for Problem Solving | 2020-21 | SEM 1, CSE | 43 | 40 | 93.65% |
| C Programming Lab. | 2020-21 | SEM 1, CSE | 43 | 43 | 100% |
| Data Structures and Applications | 2020-21 | SEM 3, CSE | 68 | 61 | 89.71% |
| Data Structures Laboratory | 2020-21 | SEM 3, CSE | 68 | 68 | 100% |
| Object Oriented Concepts | 2019-20 | SEM 4, CSE | 49 | 49 | 100% |
| Computer Graphics and Visualization | 2019-20 | SEM 6, CSE | 45 | 45 | 100% |
| Computer Graphics Lab with Mini-Project | 2019-20 | SEM 6, CSE | 45 | 45 | 100% |
| Cloud Computing and its Applications | 2019-20 | SEM 7, CSE | 46 | 46 | 100% |
| Data Structures and Applications | 2019-20 | SEM 3, CSE | 49 | 47 | 95.92% |
| Data Structures Laboratory | 2019-20 | SEM 3, CSE | 49 | 48 | 97.95% |
| Object Oriented Concepts | 2018-19 | SEM 4, CSE | 46 | 42 | 91.30% |

| Subject Title | Year | Semester and branch | No. of students attended | No. of students passed | Pass percentage |
|--|---------|---------------------|--------------------------|------------------------|-----------------|
| Computer Graphics and Visualization | 2018-19 | SEM 6, CSE | 46 | 42 | 91.30% |
| Computer Graphics Lab with Mini-Project | 2018-19 | SEM 6, CSE | 46 | 46 | 100% |
| Dotnet Framework for Application Development | 2018-19 | SEM 5, CSE | 46 | 44 | 95.65% |
| Data Structures and Applications | 2018-19 | SEM 3, CSE | 46 | 41 | 89.13% |
| Data Structures Laboratory | 2018-19 | SEM 3, CSE | 46 | 44 | 95.65% |
| Software Engineering | 2017-18 | SEM 4, CSE | 46 | 40 | 86.95% |
| Computer Programming Lab. | 2017-18 | SEM 2, All Branch | 94 | 94 | 100% |
| UNIX and Shell Programming | 2017-18 | SEM 3, CSE | 47 | 42 | 89.36% |
| Computer Programming Lab. | 2017-18 | SEM 1, All Branch | 91 | 91 | 100% |

Personal Details

Present Address: No. 670, 4th Cross, 10th Main, 'E' Block, J.P.Nagar, Mysuru – 570031
Date of Birth: 02nd November, 1989
Father's name: B G Sridhar
Mother Name: B S Sudhamani
Nationality Indian
Blood Group AB+