JSS Mahavidyapeetha

# JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www. Jssateb.ac.in

## FACULTY PROFILE

Department: Information Science & Engineering

### 1. Personal Details

| | |
|---|---|
| NAME | Punitha M |
| DEPARTMENT | Information Science & Engineering |
| DESIGNATION | Assistant Professor |
| PHONE | +91 9620552250 |
| EMAIL ID | punitham@jssateb.ac.in |
| Date of Joining (JSSATEB) | 09-09-2019 |

### 2. Experience

| | | | |
|---|---|---|---|
| Total Experience in Years | Teaching: 06 Years 06 months | Industry: Nil | Research: Nil |

### 3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|---|---|---|---|---|
| B.E. / M.Sc., | Information Science & Engineering | 2013 | Amrutha Institute of Engineering & Management Studies Bengaluru Karnataka INDIA | Visvesvaraya Technological University Belgaum Karnataka |
| M.E. / M.Tech. / M.Sc. | Computer Science & Engineering | 2015 | SJB institute of Engineering Bengaluru Karnataka INDIA | Visvesvaraya Technological University Belgaum Karnataka |
| Ph.D. | Computer Science & Engineering | Pursing | Department of Computer Science, JSSATE, Bengaluru | Visvesvaraya Technological University Belgaum Karnataka |
| Post Doc. | | | | |

### 4. Research & Publications

| | | |
|---|---|---|
| Papers Published in Web of Science indexed Journals | International: 01 | National: Nil |
| Papers Published in SCOPUS indexed Journals | International: 02 | National: Nil |
| Papers Published in other Journals | International: 03 | National: Nil |

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|---|---|---|
| Papers Presented in Conferences / Symposium | International:2 | National: Nil |
| Books / Book chapters Published | Name of the book:<br>Publisher:<br>Year of Publication: | |
| | Name of the book:<br>Publisher:<br>Year of Publication: | |

5. **Research Guidance-Nil**
6. **Grants**

   i. **Funds Received (Projects) -NIL**
   ii. **Patents-NIL**
   iii. **Consultancy-NIL**

7. **Awards Received**

8. **Publications**
   i. **International Journals**

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher |
|---|---|---|---|---|---|---|---|
| 1 | **Potential applications of internet of things: A comprehensive analysis** | **Punitha M, Rekha P M** | **System Research and Information Technologies** | **Issue-1 2024** | **Scopus** | | **IASA** |
| 2 | **Smart irrigation with crop recommendation using machine learning approach** | **Anitha Palakshappa Sowmya Kyathanahalli Nanjappa Punitha M Sinchana** | **Bulletin of Electrical Engineering and Informatics** | **Vol-13 Issue- 3 2024** | **Scopus** | **0.36** | **BEEI** |
| 3 | **Automated Evaluation of covid-19 Risk Factors using CNN** | Mrs. Punitha M, Ravi Kiran P, Nandini, Pavithra A, Prajwal N | International Journal of Engineering Science Invention (IJESI) | 2022 | - | - | IJESI |
| 4 | **Water Moth Search Algorithm-based Deep Training for Intrusion Detection in IoT** | Rekha P. M., Nagamani H Shahapure, Punitha M., Sudha P. R | Journal of Web Engineering | 2021: Vol 20 Iss 6 | WOS | 0.66 | River Publisher |
| 5 | **A REVIEW OF DIFFERENT TECHNIQUES FOR DETECTING ALZHEIMER'S DISEASE USING ANN, SVM AND DEEP LEARNING** | Punitha M,Dayananda P, Shivagobda Patil | International Journal of Electrical Engineering and Technology (IJEET) | Volume-12 Issue-1 Year-2021 | - | 0.5 | IJEET |
| 6 | **SMART AGRICULTURE** | Hemalatha K,Madhu | International Journal of | 2020 Vol. 5, | - | - | IJEAST |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **SYSTEM – A STUDY** | manju,Navyashree N, Bhavana prabhu,Inchara V, Punitha M | Engineering Applied Sciences and Technology | Issue 2 | | | |

**ii. National Journals-NIL**
**iii. Conferences-NIL**

**iv. Workshops /Conferences Attended**

| Sl. No. | Name of the workshop / Conference | Organiser | Date |
|---|---|---|---|
| **1** | **International Conference on Digital Technology and Engineering(ICDTE-2025)** | **R V Institute of Technology and Management, Bengaluru** | **16/10/2025 and 17/10/2025** |
| **2** | Second International Conference on Artificial Intelligence, Computational Electronics and Communication System(AICECS 23) | ***Manipal Institute of Technology Manipal Academy of Higher Education, Manipal-576104*** | **16/02/2023 and 17/02/2023** |

**v. Workshops / Conference (Orgainsed)**

| Sl. No. | Name of the workshop / Conference | Organised by | Date | Role |
|---|---|---|---|---|
| **1** | **National Conference-2020** | **JSSATE, Bengaluru** | **7th August 2020** | **Co-ordinator** |
| **2** | **Three Days Faculty Development Program on "Full Stack Development using Django"** | **JSSATE, Bengaluru** | **1/4/2024 to 3/4/2025** | **Co-ordinator** |
| **3** | **Hands-on Workshop on Power Bi and Tableau** | **JSSATE, Bengaluru** | **5/9/2024** | **Co-ordinator** |
| **4** | **Five Days Faculty Development program on "DevOps and Generative AI"** | **JSSATE, Bengaluru** | **3/2/2025 to 7/2/2025** | **Co-ordinator** |

vi. **Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)-NIL**

**9. Details of NPTEL / COURSERA courses completed**

| Sl. No. | Name of the subject | Organised by | Date of completion / Award | Grade / Marks |
|---|---|---|---|---|
| **1** | **Programming for Everybody(Getting Started with Python)** | **UNIVERSITY OF MICHIGAN,Coursera** | **12th July 2020** | **97.40%** |
| **2** | **Python Data Structures** | **UNIVERSITY OF MICHIGAN , Coursera** | **12th July 2020** | **99.20%** |
| **3** | **Introduction to the Internet of Things and Embedded Systems** | **University of California, Coursera** | **6th July 2021** | **98%** |
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**10. Membership of Professional Bodies: IEEE**
**11. Any other information you will like to share about your professional experience**

**Punitha M**

**Assistant Professor**
**Department of Information Science and Engineering**
**JSS Academy of Technical Education**
**Bangalore 560060**