

## **PROFORMA FOR BIO-DATA**

**JEYAKANI.P**

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Contact No. : 91- 98943 61064

### **OBJECTIVES**

Experienced Assistant Professor with a solid background in instructing undergraduate courses in Information Technology, boasting two years of valuable teaching experience. Possesses in-depth expertise in areas such as Machine Learning, Deep Learning and Natural Language Processing. Actively engages in ongoing professional development by attending conferences and Faculty Development Programs within the field. Passionately dedicated to fostering meaningful connections between students and their subject matter, with a commitment to making a positive impact on their lives.

### **WORK EXPERIENCE**

<b>College</b>	<b>: St. Joseph's Institute of Technology</b>
<b>Designation</b>	: Assistant Professor (Department of IT).
<b>Period</b>	: June 2025 to Till Date.
<b>College</b>	<b>: SRM Valliammai Engineering College</b>
<b>Designation</b>	: Assistant Professor (Department of AI&DS).
<b>Period</b>	: June 2024 to May 2025.
<b>College</b>	<b>: SRM Valliammai Engineering College</b>
<b>Designation</b>	: Teaching Research Associate (Department of AI&DS).
<b>Period</b>	: Jan 2024 to June 2024.
<b>College</b>	<b>: New Prince Shri Bhavani College of Engineering &amp; Technology</b>
<b>Designation</b>	: Assistant Professor (Department of IT).
<b>Period</b>	: November 2021 to December 2023.

### **SCHOLASTIC CREDENTIALS**

2024 – Pursuing	<b>Ph.D (ICE) - SRM Valliammai Engineering College,</b> Affiliated to Anna University, Chennai. <i>(Completed Provisional Confirmation)</i>
2011 – 2014	<b>M.E Computer Science &amp; Engineering (PT) [78%] - Aarupadai Veedu Institute of Technology, OMR, Chennai.</b> Affiliated to Vinayaka Missions University, Chennai.
2006 – 2010	<b>B.Tech. Information Technology [71%] - K.L.N. College of Information Technology, Madurai.</b> Affiliated to Anna University, Chennai.

### **Journal**

1.Anitha B, **Jeyakani P**, Mahalakshmi V, S Shalini & Senthil Kumar R "Design and

Implementation of a Smart Solar Irrigation System Using IOT and Machine Learning" - E3S Web of Conferences 387, 05012 (2023), ICSERET-2023 - [https://doi.org/10.1051/e3sconf/2023387\\_05012](https://doi.org/10.1051/e3sconf/2023387_05012), **ISSN: 25550403 (SCOPUS)**.

2.A.H.Alkhhayat,S.Mahaboob Basha,Sandeep Pandey, **Jeyakani.P**, S.Ramani,Anumula Swarnalatha A P “Numerical Simulation and Analysis of Structural Dynamic Response of Solid Rocket Motor under Oscillating Internal Pressure”2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon), <https://ieeexplore.ieee.org/document/10391599/> **ISBN:979-8-3503-0542-5(SCOPUS)**.

3. 1Ahmed H. R. Abbas, 2M.Rajeswari, 3Deepti Sharma, 4Rahul Singh, **5Ms.P. Jeyakani**, and 6 Dharmesh Dhablya “Optimization of Nanogrids for Remote Off-Grid Communities” - E3S Web of Conferences (2024)-ICPES 2023,<https://doi.org/10.1051/e3sconf/202454001014> Volume:540, 010, **ISSN: 2267-1242 (SCOPUS)**.

4. Muthusenthil B, **Jeyakani P**, Dhanakoti V and B Aditya Bharathi ” Mental Health Assistance and Early Detection of Alzheimer and Parkinson diseases using Deep Learning” IEEE-International Conference on Computer Engineering, Network, and Intelligent Multimedia CENIM Nov 2024, <https://ieeexplore.ieee.org/document/10882693>, **ISBN: 979-835036880-2,(SCOPUS)**.

**5. Ms. P. Jeyakani**<sup>1</sup> , S Krithik Aditya<sup>2</sup> , A Somesh Varman<sup>3</sup> , S Shyam Ganesh<sup>4</sup> “Enhanced Depression Detection on Social Media Using AI with Custom Visualizations” © April 2025| IJIRT | Volume 11 Issue 11 | ISSN: 2349-6002, <https://ijirt.org/Article?manuscript=175598>

**6. P.Jeyakani**, B.Muthusenthil “Detecting Suicide Ideation Through Multimodal Analysis on Social Media Using an Adaptive Fusion Transformer Model (AFTM)” 2nd International Conference On Computing And Data Science (ICCDs-2025), IEEE Madras Section, <https://doi.org/10.1109/ICCDs64403.2025.11209359>, ISBN:979-8-3315-9668-2

**7.P.Jeyakani**, Ghassan Samara,P. Illavarason,Ravi Gangadharolla, M. Sai Teja Sree, Timmapuram Vyshnavi Reddy” Automatic Analysis of Blood Cell Images for Malaria Detection with Fused Deep Features”, 2nd International Conference On Computing And Data Science (ICCDs-2025), IEEE Madras Section, <https://doi.org/10.1109/ICCDs64403.2025.11209551> ISBN:979-8-3315-9668-2

#### Patent

CybioT-Secure: Real-Time Cyber Threat Monitoring and Intelligence for Next-Gen IoT Security Systems.

#### Online Course

- Successfully completed NPTEL course “Introduction to Internet of Things” with an Elite score of 60%

- Successfully completed NPTEL course “Natural Language Processing” with a score of 56% on May 2024.
- Successfully completed NPTEL course “Social Network Analysis” with a score of 61% on Nov 2024.
- Successfully completed NPTEL course “Introduction to Machine Learning (Tamil)” with a score of 52% on Mar 2025.
- Successfully completed NPTEL course “Python for Data Science” with an Elite Silver score of 76% on Sep 2025.
- Successfully completed Infosys Springboard Online course “Deep Learning Neural Network with R” on Nov 2025.

#### **Faculty Development Program**

- Presented in International Conference on “Live DNA Computing Model to Secure and Storage of Outsourced Data in Cloud” at RRASE College of Engineering, Chennai.
- Attended Six Days AICTE-AU STTP on “Recent Trends in Data Sciences” from 3rd – 8th Jan 2022 conducted at MIT.
- Attended Five Days Program on “Artificial Intelligence in Healthcare” from 21st – 25th Feb 2022 conducted at MIT Sri Sai Ram Engineering College.
- Attended Five Days Program on “Data Science and Analytics Tools” from 9th – 13th Jan 2023 conducted at Dhanalakshmi College of Engineering.
- Attended Three Days Program on “Artificial Intelligence” from 13th – 15th Feb 2023 under Tech Saksham led by Microsoft, SAP & Tamil Nadu Skill Development Corporation.
- Attended Five Days Program on “Education 5.0” from 15th – 19th May 2023 conducted at Dr.M.G.R Educational and Research Institute.
- Attended Six Days Program on “Future Direction in Image Processing” from 30<sup>th</sup> Oct-4<sup>th</sup> Nov 2023 conducted at SRM Institute of Science and Technology
- Attended 12 Weeks Program on “Introduction to Internet of Things” from Jul – Oct 2023 conducted by NPTEL.
- Attended 12 Weeks Program on “Natural Language Processing” from Jan – Apr 2024 conducted by NPTEL.
- Attended Five Days Program on “Emerging Trends and Challenges in Data Science” from 20<sup>th</sup>-24<sup>th</sup> May 2024 conducted at SRM Valliammai Engineering College.
- Attended Five Days Program on “Recent Trends on Cyber Security” from 27<sup>th</sup> -31<sup>st</sup> May 2024 conducted at SRM Valliammai Engineering College.
- Attended Five Days Program on “Statistical Machine Learning Approaches in Data Science” from 3<sup>rd</sup> -7<sup>th</sup> June 2024. conducted at SRM Valliammai Engineering College.
- Attended Two-weeks Program on “Mastering Research Paper and Proposal Writing” from 19<sup>th</sup> -30<sup>th</sup> August 2024. conducted at SRMIST, Vadapalani.
- Attended Two-weeks Program on “Cloud computing Tools” from 15<sup>th</sup> -19<sup>th</sup> Oct 2024. conducted by St.Joseph’s College of Engineering.
- Attended Five Days Program on “Innovative Research Practices & IPR:A Real Case Studies-Based Approach” from 9<sup>th</sup> -13<sup>th</sup> Dec 2024. conducted by GKM College of Engineering and Technology.

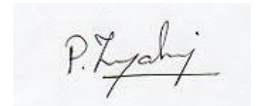
- Attended Five Days Program on “Incentive Research Conceptions Using Advanced Learning Models” from 16<sup>th</sup> -20<sup>th</sup> Dec 2024. conducted by St.Joseph’s Institute of Technology in association with CSI Kancheepuram chapter and DevRow Technologies.
- Attended Five Days Program on “Ethical Hacking” from 20<sup>th</sup> -27<sup>th</sup> December 2024. conducted at SRM Valliammai Engineering College.
- Attended National Webinar on “Emotional Intelligence” on 28<sup>th</sup> January 2025. conducted by Nucleus of Learning and Development.
- Attended One-week Program on “AI Tools” from 17<sup>th</sup> -21<sup>st</sup> February 2024. conducted by St.Joseph’s College of Engineering.
- Attended The Industry Sponsored Workshop on” IoT Made Easy:Hands-on Learning and Innovation” at St.Joseph’s Institutite of Technology from 18<sup>th</sup> -20<sup>th</sup> March 2025.
- Attended 8 Weeks Program on “Introduction to Machine Learning(Tamil)” from Jan – Mar 2025 conducted by NPTEL.
- Attended Five Days Program on “Emerging Trends in Embedded IoT and Text and Speech Processing” from 5<sup>th</sup> -9<sup>th</sup> May 2025. conducted at SRM Valliammai Engineering College.
- Attended 4 Weeks Program on “Python for Data Science” from Jul-Aug 2025 conducted by NPTEL.

## PERSONAL DOSSIER

Date of Birth : 10-04-1989  
Marital Status : Married  
Languages Known : Tamil, English  
Permanent address : Plot No 1c, G1-Green Apple Flats, 1<sup>st</sup> Main Road AGS Colony,  
Velachery, Chennai-600042.

I assure you of the details provided are true to the best of my ability and knowledge.

Place: Chennai



**[JEYAKANI.P]**

