

# Dr. T. Aditya Sai Srinivas Ph.D

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## JPNCE: Academic Excellence Accreditation Milestones

I am Dr. T. Aditya Sai Srinivas, having joined JPNCE on October 19, 2023. Over the past 13 Months, I have had the privilege of serving as the **Head** of AIML and Research Convener. During this period, I have been actively involved in research and departmental initiatives that have contributed to enhancing our institution's academic standing in accreditation and ranking systems such as **NAAC, NBA, and NIRF**.

## Professional Accomplishments Summary

### *Address*

*T. Aditya Sai Srinivas, Head AIML, Jayaprakash Narayan College of Engineering*

*☎ (91) 9553966114, 8886680016*

*✉ taditya1033@gmail.com, taditya@jpnce.ac.in*

*1/17*

<b>Category</b>	<b>Count</b>	<b>Weightage</b>
Reviewer Experience	35	35
Editorial Board Memberships	15	15
Faculty Development Under Mentorship	7	7
Awards	1	5
Book Chapters	3	15
Research Publications (Scopus/Indexed)	17	105
Peer-Reviewed Non-Scopus Journals	42	42
Patents	3	15
Certifications	3	3
Workshops and FDPs Attended	5	5
Textbooks Authored	1	10
Professional Development Activities	2	2
MoU	1	1
<b>Total</b>	<b>135</b>	<b>260</b>

*Address*

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*2/17*

## Reviewer Experience

1. Reviewer for IEEE Conference on Recent Advances in Sustainable Engineering and Future Technologies (RASEFT-2024) at MVSREC, Hyderabad.
2. Reviewer for 3rd International Conference on Intelligent Perception and Computer Vision (CIPCV 2025), Title:CV006 Fine-grained Action Segmentation Network Based on Boundary Perception.
3. Journal: International Journal of Plant Soil Science; Title: Piriformospora indica suppresses natural incidence and severity of black leaf mold of tomato incited by Pseudocercospora fuligena over strobilurin and triazole fungicides with enhanced growth and yield.
4. Reviewer for International Journal of Informatics and Communication Technology. Title: Accident Alerting System. **Scopus**.
5. Reviewer for IEEE Conference on Electrical Electronics and Computing Technologies held at Sharda University, August 29th - 31st 2024.
6. Journal: Peer-to-Peer Networking and Applications (Springer Nature); Title: A Hybrid Heuristic-assisted Deep Learning for Secured Routing and Malicious Node Detection in Wireless Sensor Networks.
7. Journal: Journal of Advances in Biology Biotechnology; Title: Bioassay Studies of Feeding Treated Castor Leaves on Eri Silkworm.
8. Journal: Journal of Experimental Agriculture International; Title: Roving Survey of root rot disease (*Fusarium solani* f. Sp. pisi) of pea in Rajasthan.
9. Journal: Springer Nature SNAPP; Title: A Hybrid Heuristic-assisted Deep Learning for Secured Routing and Malicious Node Detection in Wireless Sensor Networks.
10. Journal: Computer Methods and Programs in Biomedicine (Elsevier); Title: Survival Prediction in Second Primary Breast Cancer Patients with Machine Learning: a SEER analysis.
11. Journal: Indonesian Journal of Electrical Engineering and Computer Science; Title: Biomedical Image Classification Using Seagull Optimization With Deep Learning for Colon and Lung Cancer Diagnosis.
12. Journal: South Asian Journal of Social Studies and Economics; Paper Title: The Impact

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*3/17*

Of Turnitin Plagiarism Detection Test Software On Postgraduate Students Of Economics Education Integrity In Intellectual Pursuits.

13. Served as a reviewer for the "International Conference on Health Informatics, Intelligent Systems and Networking Technologies(HINT'24) organized by department of CSE by Manipal Institute of Technology during 14 and 15th March 2024.
14. Served as a reviewer for the "Algorithms and Computational Theory for Engineering Applications (ICACTEA-2024)" international conference, hosted by Aditya Engineering College on February 2nd and 3rd, 2024.
15. Journal: Advances in Research; Paper Title: Exploring the Challenges of Artificial Intelligence in Data Integrity and Its Influence on Social Dynamics.
16. Journal: International Journal of Environment and Climate Change; Paper Title: Geospatial Interpolative Analytics of Gauged Rainfall in Network under Semi-arid Situation of Krishna Basin on a Watershed Scale.
17. Journal: Asian Journal of Medicine and Health; Paper Title: The Pros and Cons of the Impact of Artificial Intelligence in Anesthesia: Remote Pre-operative Assessment and Perioperative Care.
18. Journal: IGI Global; Paper Title: Power-Aware Virtualization: Dynamic Voltage Frequency Scaling Insights and Communication-Aware Request Stacking.
19. Journal: IGI Global; Paper Title: AI Solutions for Green Computing and Digital Waste Management.
20. Journal of Knowledge in Data Science and Information Management; Paper title: Lane Detection in Automatic Cars.
21. Journal:Journal of Big Data Analytics and Business Intelligence; Paper title: Machine Learning Model to predict the prices of Agricultural Products.
22. B P International:<https://www.bookpi.org/>; Book Chapter: Leveraging Data Science in Education 4.0: Unraveling Technologies.
23. Journal: Journal of Artificial Neural Networks and Learning System; Paper title: A Review Paper on Li-Fi Technology.
24. Journal: Journal of Artificial Neural Networks and Learning System; Paper title: Survey On Enhancing Dialogue Agent Alignment via MiniLLM with Targeted Human Assessments.

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25. Journal: Journal of Artificial Neural Networks and Learning System; Paper title: Sign Language and Gesture Recognition for Deaf People.
26. Journal: Journal of Artificial Neural Networks and Learning System; Paper title: Sign Language Recognition For Dumb Deaf People Using Python, Opencv and Tensorflow.
27. Journal: Journal of IoT-based Distributed Sensor Networks; Paper title: Revolutionizing Voting with Blockchain Decentralization.
28. Journal of Artificial Neural Networks and Learning System; Paper title: Investigative study on Variants of Context-Aware Risk Attribute Access Control.
29. Journal: Journal of Artificial Neural Networks and Learning System; Paper title: Comprehensive Sentiment and Fake Comment Analysis.
30. Journal: Journal of Artificial Neural Networks and Learning System; Paper title: Survey On Enhancing Dialogue Agent Alignment via MiniLLM with Targeted Human Assessments.
31. Journal: BP International; **Book Chapter**: Paper Title: Loss Analysis of Internet Traffic Distribution in Computer Networks.

## Empanelment on Editorial Board

1. Recent Trends in Computer Graphics and Multimedia Technology:  
[http://hbrppublication.com/Recent\\_Trends\\_in\\_Computer\\_Graphics\\_and\\_Multimedia\\_Technology\\_Editors.htm](http://hbrppublication.com/Recent_Trends_in_Computer_Graphics_and_Multimedia_Technology_Editors.htm)
2. Recent Trends in Androids and IOS Applications:  
<http://hbrppublication.com/OJS/index.php/RTAIA/about/editorialTeam>
3. Journal of Artificial Intelligence Research, Associate Editor: <https://thesciencebrigade.com/JAIR/about/editorialTeam>
4. Journal of Advance Research in Mobile Computing:  
[http://hbrppublication.com/Journal\\_of\\_Advance\\_Research\\_in\\_Mobile\\_Computing\\_Editors.htm](http://hbrppublication.com/Journal_of_Advance_Research_in_Mobile_Computing_Editors.htm)
5. Journal of Advancement In Parallel Computing:  
[http://www.hbrppublication.com/Journal\\_of\\_Advancement\\_in\\_Parallel\\_Computing\\_Editors.htm](http://www.hbrppublication.com/Journal_of_Advancement_in_Parallel_Computing_Editors.htm)
6. Journal of Artificial Neural Networks and Learning System:

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*5/17*

- <https://matjournals.com/Editorial-Journal-of-Artificial-Neural-Networks-and-Learning-Techniques-Editors.html>
7. Journal of IoT-based Distributed Sensor Networks:  
<https://matjournals.com/Editorial-Journal-of-IoT-based-Distributed-Sensor-Networks-Editors.html>
  8. Advancement Of Computer Technology And Its Applications:  
[http://hbrppublication.com/Advancement\\_of\\_Computer\\_Technology\\_and\\_its\\_Applications\\_Editors.htm](http://hbrppublication.com/Advancement_of_Computer_Technology_and_its_Applications_Editors.htm)
  9. Recent Trends In Information Technology And Its Application:  
[http://hbrppublication.com/Recent\\_Trends\\_in\\_Information\\_Technology\\_and\\_its\\_Application\\_Editors.htm](http://hbrppublication.com/Recent_Trends_in_Information_Technology_and_its_Application_Editors.htm)
  10. Journal Of Network Security And Data Mining:  
[http://hbrppublication.com/Journal\\_of\\_Network\\_Security\\_and\\_Data\\_Mining\\_Editors.htm](http://hbrppublication.com/Journal_of_Network_Security_and_Data_Mining_Editors.htm)
  11. Journal Of Advancement In Software Engineering And Testing:  
[http://hbrppublication.com/Journal\\_of\\_Advancement\\_in\\_Software\\_Engineering\\_and\\_Testing\\_Editors.htm](http://hbrppublication.com/Journal_of_Advancement_in_Software_Engineering_and_Testing_Editors.htm)
  12. Journal of Intelligent Data Analysis and Computational Statistics:  
<https://matjournals.com/Editorial-Journal-of-Intelligent-Data-Analysis-and-Computational-Statistics-Editors.html>
  13. Recent Trends in Androids and IOS Applications:  
[http://hbrppublication.com/Recent\\_Trends\\_in\\_Androids\\_and\\_IOS\\_Applications\\_Editors.htm](http://hbrppublication.com/Recent_Trends_in_Androids_and_IOS_Applications_Editors.htm)
  14. Journal of Knowledge in Data Science and Information Management:  
<https://matjournals.com/Editorial-Journal-of-Knowledge-in-Data-Science-and-Information-Management-Editors.html>
  15. Recent Trends in Computer Graphics and Multimedia Technology:  
[http://hbrppublication.com/Recent\\_Trends\\_in\\_Computer\\_Graphics\\_and\\_Multimedia\\_Technology\\_Editors.htm](http://hbrppublication.com/Recent_Trends_in_Computer_Graphics_and_Multimedia_Technology_Editors.htm)

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*6/17*

## MoU

1. Secured a Memorandum of Understanding (MoU) with SR University, Warangal, for collaborative research and Ph.D. guideship opportunities.

## Faculty Development Under My Mentorship

1. Three Faculty Members Under My Guidance Pursuing Doctoral Studies.
2. Journal: Current Journal of Applied Science and Technology; Title: Online Reinforcement Learning for Real-Time Monitoring and Control in Production Systems.**M. Bharathi.**
3. Journal: Journal of Experimental Agriculture International; Title: Preliminary study of relationship between fruit flies and the bacterium *Xantomonas citri* pv. *mangiferaeindicae*, two major constraints on mango production in West Africa.**M. Bharathi.**
4. Journal:Journal of Engineering Research and Reports; Title: Using TOGAF for Migration of Monolith Systems to Microservices.**M. Bhuvaneswari.**
5. Journal: Journal: BP International; Title: Aminoff Suffering Syndrome in Advanced Alzheimer's Disease and End-of-Life: First 10 Years. **M. Bharathi.**
6. Journal: BP International; Title: Federated Learning and Deep Learning: A New Frontier for Real-World Applications.**M. Bharathi.**
7. Journal:Archives of Current Research International(WoS); Title: AP statistic for identification of outliers in multi-response experiments with correlated errors.**M. Bharathi.**
8. Journal: Journal of Education, Society and Behavioural Science(WoS); Title: Exploring the Views and Experiences of Collaborative and Individual Research Among Ghanaian Academics: A Qualitative Research.**M. Bharathi.**
9. Journal: Journal of Advances in Mathematics and Computer Science(WoS); Title: Enhancing Responsible AGI Development: Integrating Human-in-the-Loop Approaches with Blockchain-Based Smart Contracts. **M. Bharathi.**
10. Journal:Journal of Basic and Applied Research International (WoS); Title:Automation, Artificial Intelligence And The Future Of Work In Key Industries In Rivers State. **M. Bharathi.**
11. Journal: BP International; Textbook Title: Unlocking the Complexity of the Mind: A

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*7/17*

Comprehensive Statistical Exploration of Network Neuroscience and Brain Connectivity. **M. Bhuvaneswari.**

12. Journal: Asian Journal of Economics, Business and Accounting; Title: An Investigation of Psychological Factors Determining Credit Card Usage Among Young Professionals: Insights from the Banking Sector in Sri Lanka. **M. Bharathi.**
13. Journal: BP International; Textbook Title: IoT Oriented Low-Cost Smart College Administration System. **M. Bhuvaneswari.**

## Awards

1. I received the Best Research Paper Award for my paper titled 'Implementing the Microservice Framework by Integrating the IoT-Based Management Platform and AI-Oriented Supply Chain Management' at the International Conference on Embracing the Digital Horizon (EDH 2024), held at Loyola College of Arts & Science, Mettala, Tamil Nadu, India, on March 13-14, 2024.

## Book Chapters

1. Swathi, R., M. Prabha, Ravichandran Sekar, A. Basi Reddy, T. Aditya Sai Srinivas, and R. Senthamil Selvan. "Integration of AI and IoT Used to Manage and Secure the Renewable Energy Management in the Environment." *Sustainable Smart Homes and Buildings with Internet of Things* (2025): 235-252. <https://doi.org/10.1002/9781394231522.ch14>.
2. Kaliappan, Kannan, A. Basi Reddy, D. Muthukumar, S. Gopinath, T. Aditya Sai Srinivas, and R. Senthamil Selvan. "The Framework of IoT-Based Paradigms to Renewable Power Utilization and Distribution by Microgrid." *Sustainable Smart Homes and Buildings with Internet of Things* (2025): 133-148. <https://doi.org/10.1002/9781394231522.ch8>.
3. **Title:** "Anomaly Detection Algorithms in Cybersecurity"; Authors: Manthan S. Manavadaria, T. Aditya Sai Srinivas, Shaik Khaleel Ahamed, Amshavalli M., Akabarsaheb Babulal Nadaf, Bhoopathy V.; Textbook Title: "Machine Intelligence Applications in Cyber-Risk Management"; Publisher: IGI Global; Machine Intelligence Applications in Cyber-Risk Management; DOI: 10.4018/979-8-3693-7540-2

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*8/17*



## Research Publications

1. "Optimizing Wind Farm Layout with Particle Swarm Optimization for Maximum Energy Harvesting", has been accepted for oral presentation at ICREPE 2025, organized by Renganayagi Varatharaj College of Engineering, Tamil Nadu, India, scheduled to be held on 10th and 11th January 2025. **IEEE Xplore- Accepted.**
2. "Optimization of Distributed Energy Resources with Quantum Inspired Algorithms", has been accepted for oral presentation at ICREPE 2025, organized by Renganayagi Varatharaj College of Engineering, Tamil Nadu, India, scheduled to be held on 10th and 11th January 2025. **IEEE Xplore- Accepted.**
3. Adaptive Swarm Intelligence Algorithms for Reducing Energy Consumption in IoT Devices", has been accepted for oral presentation at ICREPE 2025, organized by Renganayagi Varatharaj College of Engineering, Tamil Nadu, India, scheduled to be held on 10th and 11th January 2025. **IEEE Xplore- Accepted.**
4. "Improving Energy Efficiency in Data Centers with Ant Colony Optimization: A BioInspired Approach", has been accepted for oral presentation at ICREPE 2025, organized by Renganayagi Varatharaj College of Engineering, Tamil Nadu, India, scheduled to be held on 10th and 11th January 2025. **IEEE Xplore- Accepted.**
5. Protecting Medical Image Transmission: Color Secret Sharing Protocol For Enhanced Security in 2nd IEEE Conference on Artificial Intelligence and Quantum Computation - Based Sensor Applications (ICAIQSA-2024) held on 20th and 21st December , 2024 organized by Department of Artificial Intelligence, G H Rasoni College of Engineering and Management, Nagpur. **IEEE Xplore- Accepted.**
6. National Conference:" Sips and Stats: Predicting Wine Quality with ML Algorithms" by M.Bharathi, T.Aditya Sai Srinivas, P.Ravinder; held by "Ashoka Women's Engineering College, Kurnool."
7. National Conference:" Machine Learning Meets Medicine: State-of-the-Art Algorithms for Drug Classification" by M.Bharathi, T.Aditya Sai Srinivas, P.Ravinder; held by "Ashoka Women's Engineering College, Kurnool."
8. "An Automatic Extraction of Features from Water Bodies by using Contrast Vision Trans-

*Address*

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*9/17*

- former" 2nd IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2024) in association with IEEE Bangalore Section organized by Sharnbasva University, Kalaburagi. **IEEE Xplore- Accepted.**
9. "Dual Channel Convolutional Neural Network for Dementia Disease Prediction " has been Accepted for the 2nd IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2024) in association with IEEE Bangalore Section organized by Sharnbasva University, Kalaburagi. **IEEE Xplore- Accepted.**
  10. T. Aditya Sai Srinivas, Ranjeet Yadav, V. Gowri, K. Chandraprabha, Sivakumar Ponnusamy, Dinesh Mavaluru, Development and implementation of unmanned vehicles through artificial intelligence involving communication system with sensors and control parameters, Measurement: Sensors, Volume 33, 2024, 101136, ISSN: 2665-9174, <https://doi.org/10.1016/j.measen.2024.101136>. **Scopus**
  11. Venkata Ramana, K., Ramesh, B., Changala, R., Aditya Sai Srinivas, T., Praveen Kumar, K., Bhavsingh, M. (2024). "Optimizing 6G network slicing with the EvoNetSlice model for dynamic resource allocation and real-time QoS management". International Research Journal of Multidisciplinary Technovation, 10.54392/irjmt24324. **Scopus**
  12. Naresh Kumar Bhagavatham, Bandi Rambabu, Jaibir Singh, Dileep P, T. Aditya Sai Srinivas, Bhavsingh; "Autonomic Resilience in Cybersecurity: Designing the Self-Healing Network Protocol for Next-Generation Software-Defined Networking ". International Journal of Computational and Experimental Science and Engineering, **Scopus**
  13. Gunisetty, Ramasekhar, Sura Sreenivasulu, Seethi Reddy Reddissekhar Reddy, T. Aditya Sai Srinivas, and Ashok Sarabu. "New Trend of Automobile Aspects on MHD of Hybrid Nanofluid Flow Over a Porous Stretching Cylinder: A Numerical Study." East European Journal of Physics 2 (2024): 249-255. **Scopus+WoS-Impact Factor: 1**
  14. R. Krishnamurthy, M. Mundher Adnan, S. Kumar V, T. Aditya Sai Srinivas and S. Aluvala, "Avoidance of Ship Collision Using Deep Reinforcement Learning with Bi-Directional Long Short-Term Memory in Continuous Action Spaces," 2024 International Conference on Data Science and Network Security (ICDSNS), Tiptur, India, 2024, pp. 1-4, doi: 10.1109/ICDSNS62112.2024.10691249. **International Conference**
  15. M. Al-Farouni, R. A C, S. V R, T. A. Sai Srinivas and R. Madhavi, "Stock Market Value

*Address*

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*10/17*

- Prediction Using Attention Based Long Short-Term Memory Model," 2024 International Conference on Data Science and Network Security (ICDSNS), Tiptur, India, 2024, pp. 1-4, doi: 10.1109/ICDSNS62112.2024.10691225. **International Conference**
16. P. Ravinder, T. Aditya Sai Srinivas, "Trending Emotions: Python For Twitter Sentiment Analysis", 9th International Conference On Technical Advancements In Computer Science And Engineering (Ictacse-2024), Malla Reddy Engineering College For Women, Hyderabad, India, 2024, pp. 432 to 436. **International Conference**
  17. The human resource management challenge of predicting employee turnover using CNN-BILSTM based model at IEEE conference held by International conference on integration of emerging technologies for the digital world 2024, 13-14 September 2024 at RMD Engineering College, Chennai. The conference proceedings will be submitted to the IEEE Xplore® digital library. **International Conference**
  18. Rahman, Md Ziaur, M.A.Y. Peer Mohamed Appa, Vikrant Sharma, M. Balaji, A. Rajiv Kannan, and T. Aditya Sai Srinivas. "Development and performance analysis of Wolfram Alpha server based on Itanium architecture using deep learning in virtual platform." Institution affiliations as applicable. DOI: 10.1201/9781003559092-87. Journal: Taylor and Francis. **International Conference**
  19. Swathi, R., M. Prabha, Ravichandran Sekar, A. Basi Reddy, T. Aditya Sai Srinivas, and R. Senthamil Selvan. "Integration of AI and IoT Used to Manage and Secure the Renewable Energy Management in the Environment." Sustainable Smart Homes and Buildings with Internet of Things (2025): 235-252. Dol: <https://doi.org/10.1002/9781394231522.ch14>. Journal: Wiley Online Library. **Book Chapter**.
  20. Kaliappan, Kannan, A. Basi Reddy, D. Muthukumaran, S. Gopinath, T. Aditya Sai Srinivas, and R. Senthamil Selvan. "The Framework of IoT-Based Paradigms to Renewable Power Utilization and Distribution by Microgrid." Sustainable Smart Homes and Buildings with Internet of Things (2025): 133-148. Dol: <https://doi.org/10.1002/9781394231522.ch8>. Journal: Wiley Online Library. **Book Chapter**.
  21. "An Automatic Extraction of Features from Water Bodies by using Contrast Vision Transformer" 2nd IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2024) in association with IEEE Bangalore Section organized by Sharnbasva

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*11/17*

University, Kalaburagi. **IEEE Xplore- Accepted.**

22. "Dual Channel Convolutional Neural Network for Dementia Disease Prediction " has been Accepted for the 2nd IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS-2024) in association with IEEE Bangalore Section organized by Sharnbasva University, Kalaburagi. **IEEE Xplore- Accepted.**

## Peer Reviewed Non Scopus Journals

1. K. S. Khan, K. Khadeer, M. Bharathi, and T. A. S. Srinivas, "Plant leaf disease detection utilizing machine learning techniques," *Journal of Intelligent Technologies and Machine Learning*, vol. 2, no. 1, pp. 1–16, Jan.–Jun. 2025. DOI: <https://doi.org/10.48001/JoITML.2025.2111-16>.
2. K. Khadeer, K. S. Khan, M. Bharathi, and T. A. S. Srinivas, "From pixels to protection: Deep learning approaches for plant leaf disease detection," *J. Comput. Vis. Neural Netw.*, vol. 3, no. 1, pp. 8-14, Jan.–Jun. 2025. DOI: [10.48001/JoCNV.2025.318-14](https://doi.org/10.48001/JoCNV.2025.318-14).
3. Brahmani, G., K. Haritha, M. Bhuvaneshwari, M. Bharathi, and T. Aditya Sai Srinivas. "Emerging Challenges and Future Directions in Federated Unlearning." DOI: <https://doi.org/10.48001/JoCSVL.2024.127-14>
4. Shaankari, S., D. Rohini, M. Nikesh, M. Bharathi, and T. Aditya Sai Srinivas. "Sick Leaves, Smart Solutions: Deep Learning in Plant Care." DOI: <https://doi.org/10.48001/JoFSN.2024.2223-29>
5. Bharathi, M., T. Aditya Sai Srinivas, and P. Ravinder. "YOLOv8 on the Road: Next-Level Perception for Autonomous Vehicles." *Journal of Image Processing and Image Restoration*; DOI: <https://doi.org/10.48001/JoIPIR.2024.1217-23>
6. Nikesh, M., D. Rohini, S. Shaankari, M. Bharathi, and T. Aditya Sai Srinivas. "Verdant Vision: CNNs Revolutionizing Plant Leaf Disease Identification." DOI: <https://doi.org/10.48001/JoCSVL.2024.121-6>.
7. Shaankari, K., D. Rohini, M. Nikesh, M. Bharathi, and T. Aditya Sai Srinivas. "Insights into Plant Leaf Disease Detection: A Short Review." DOI: <https://doi.org/10.48001/JoFSN.2024.2218-22>.
8. Rohini, D., S. Shaankari, M. Bhuvaneshwari, M. Bharathi, and T. Aditya Sai Srinivas.

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12/17

"Federated Learning Unleashed: Transforming Diverse Industries."

DOI: <https://doi.org/10.48001/JoCnv.2024.2216-23>.

9. M. Bharathi<sup>1</sup>, T. Aditya Sai Srinivas<sup>1\*</sup>, M. Bhuvaneshwari<sup>1</sup> Federated Learning: From Origins to Modern Applications and Challenges, *JOURNAL OF Information Technology and Cryptography*, 1(2), DOI: <https://doi.org/10.48001/JoITC.2024.1229-38>.
10. M. Bharathi, & T. Aditya Sai Srinivas. (2024). Exploring Ant Colony Optimization for Enhanced Routing in IoT Networks: A Survey. *Advancement in Image Processing and Pattern Recognition*, 7(1), 68–83. <https://doi.org/10.5281/zenodo.10453735>
11. Bhuvaneshwari, M., M. Bharathi, and T. Aditya Sai Srinivas. "Locked Algorithms: The New Frontiers of Federated Learning Security." *Journal of Network Security and Data Mining* 8, no. 1. DOI: <https://doi.org/10.5281/zenodo.14043539>
12. G. Saichand et al. (2024). Decoding Deception: Machine Learning Models for Identifying Phishing URLs, *Journal of Hacking Techniques, Digital Crime Prevention and Computer Virology*, 1(2), 24-29.
13. G. Saichand et al. (2024). Optimizing Web Performance with Python: A Practical Approach, *Journal of Intelligent Data Analysis and Computational Statistics*, 1(2), 18-29.
14. M. Bharathi, & T. Aditya Sai Srinivas. (2024). Clockwork Health: A Deep Dive into Intermittent Fasting's Influence on Weight, Cardiovascular Wellness, and Longevity. *Journal of Research and Reviews in Homeopathy, Siddha & Unani*, 1(1), 1–6. <https://doi.org/10.5281/zenodo.10477241>
15. Bharathi, M., and T. Aditya Sai Srinivas. "Airline Attitudes: Mining Data for Service Sentiment Insights." DOI: <https://doi.org/10.48001/JoDSC>
16. M. Bharathi, & T. Aditya Sai Srinivas. (2024). Yoga: A Modern-Day Solution to Stress and Anxiety. *Journal of Research and Reviews in Yoga & Ayurvedic Sciences*, 1(1), 1–5. <https://doi.org/10.5281/zenodo.10477212>
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*Address*

*T. Aditya Sai Srinivas, Head AIML, Jayaprakash Narayan College of Engineering*

*☎ (91) 9553966114, 8886680016*

*✉ [taditya1033@gmail.com](mailto:taditya1033@gmail.com), [taditya@jpnce.ac.in](mailto:taditya@jpnce.ac.in)*

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*Address*

*T. Aditya Sai Srinivas, Head AIML, Jayaprakash Narayan College of Engineering*

*☎ (91) 9553966114, 8886680016*

*✉ [taditya1033@gmail.com](mailto:taditya1033@gmail.com), [taditya@jpnce.ac.in](mailto:taditya@jpnce.ac.in)*

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*Address*

*T. Aditya Sai Srinivas, Head AIML, Jayaprakash Narayan College of Engineering*

*☎ (91) 9553966114, 8886680016*

*✉ [taditya1033@gmail.com](mailto:taditya1033@gmail.com), [taditya@jpnce.ac.in](mailto:taditya@jpnce.ac.in)*

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## Patents

1. Application number: 202411002924; Patent Title: “Deep Learning Based Approaches For Student Performance Prediction And Education Based Outcome Improvement” . **Status:** Published.
2. Application number: 202441000552; Patent Title: “Deep Learning Framework For Image-Based Breast Cancer Detection” . **Status:** Published.
3. Application number: 202441044864; Title: ”Automated Quality Control In Chemical Manufacturing Using Computer Vision And Machine Learning” .**Status:** Published.

## Certifications

1. Writing Skills, April 2024 by Elsevier.
2. Fundamentals of peer review, February 2024 by Elsevier.
3. Web of Science Essentials, February 2024 by Clarivate.

## Workshop's & FDP's Attended

1. Attended a 1-week FDP on ”Assimilation of Indian Knowledge Systems with NEP-2020: Prospect and Retrospect” organized by H & S, BVRIT Hyderabad College of Engineering for Women, From 30th July to 04th August 2024.

*Address*

*T. Aditya Sai Srinivas, Head AIML, Jayaprakash Narayan College of Engineering*

*☎ (91) 9553966114, 8886680016*

*✉ taditya1033@gmail.com, taditya@jpnce.ac.in*

*16/17*



2. Attended a 1-week FDP on "Emerging Tools and Techniques in Cloud Computing and Data Science" organized by CSE, Narasimha Reddy Engineering College, Hyderabad, From 19th February to 24th February 2024.
3. Attended a 1-week PDP on "Deep Learning for Computer Vision and its Applications" organized by CSE, VNRVJiet, Hyderabad. From 06th February to 11th February 2024.
4. Attended a 6-day FDP on "Research Advancements in Natural Language Processing" organized by Chaitanya Bharathi Institute of Technology, Hyderabad. From 29th January 2024 to 05th February 2024.
5. Attended a National Workshop on Research Methodology (NWRM-2023) organized by Department of Physics, SRM Institute of Science and Technology, Chennai. From 12th-19th December 2023.

## Textbook

1. Authored the textbook titled 'Predictive Data Analytics using Cutting-Edge Technologies,' published by Alpha International Publications. ISBN: 978-93-5762-406-0.

## Professional Memberships

1. Member in IFREL International Forum of Researchers and Lecturers. M.No: 2025010614405500552860.

## Professional Development Summary

1. Attended a 1-day workshop on "Ph.D Guideship Guidelines" by JNTUH on October 16, 2024, at Hyderabad.
2. Participated in the "Bridge 24" conference by ICT Academy on November 14, 2024, at Hyderabad at Hyderabad.

### *Address*

*T. Aditya Sai Srinivas, Head AIML, Jayaprakash Narayan College of Engineering*

*☎ (91) 9553966114, 8886680016*

*✉ taditya1033@gmail.com, taditya@jpnce.ac.in*

*17/17*