

R.VASANTHI, HOD/IT

PAPER PUBLICATIONS/PATENTS:

1. Published a patent on 31/05/ 2024 for the invention entitled **“YOLOV8-Driven Integration Of Advance Detection Technologies For Enhanced Terrain Safety In Autonomous Navigation Systems”**.

2. Published a patent on 19/04/ 2024 for the invention entitled **“Empowering Network Security With Blockchain: Enhancing Auditability And Traceability Of Operations”**

3. Published a paper in IEEE Xplore ICSES-2024 conference entitled **“ Deep Learning Breakthroughs In Leukemia Diagnosis: A Review Of White Blood Cell Image Analysis”**.

4. Published a paper in 8th IEEE international conference(CSITSS) entitled **“Multi-Modal Sentiment Analysis For Product Reviews Incorporating Text And Image Data”** on 7-9 november 2024

5. Published a paper in IJISAE journal entitled **“Performance Assessment Of Virtual Machine Consolidation And Placement In Software Defined Network Using Cloudsim”** in March 2024

6. Published a paper in IEEE Xplore conference-2023 entitled **“Comprehensive Review Of Historical Analogies And Challenges In Lung Cancer Detection”** in 2023.

7. Published a paper in IJREIC entitled **“Intelligent Wagon System through WSN”** in January-February 2019.

8. Working on survey paper which involves analyzing and summarizing the existing research work based on the area of my research work, titled **“A Survey on Cloud Computing-Enabled Software Defined Networking (SDN) and Virtual Machine Migration: Techniques, Challenges, and Future Directions”**.

CONFERENCE/WORKSHOPS/FDPS ATTENDED:

1. Participated 5 days FDP – **Exploring the Frontiers of AI: Theory, Application & Ethics** on 8th-12th July 2024.

2. Participated FDP in **Microsoft Digital Skills course with A+ Grade**, TN Skill Dev. Corporation, Govt. of TN, through **Naan Mudhalvan** held at Anna University from 16/9/2024 to 21/09/2024.

3. Participated two days FDP in **“Advance AI tools for preparing research papers”**, organized by Department of CSE at SASI institute of Technology and Engineering on November 8th & 9th 2024.

4. Participated webinar in **“Building Trust in AI: Navigating Standards, Frame works & Regulations for Responsible AI Governance”** CSI of India, Coimbatore Chapter on November 13 2024.

5. Participated Online Webinar-“**Cloud computing simplified: An Introduction to Microsoft Azure**” organized by School of Computer Science and Engineering and School of Information Science of Presidency University 16 November 2024.
6. Participated Webinar on “**Steps to write Persuasive Project Proposal**”, Organized by The Internal Quality Assurance Cell, Dr.M.G.R. Educational and Research Institute on 27/11/2024.
7. Attended One week FDP on topic “**5G Networks Slicing and Applications**” organized by Presidency School of Information Service(PSIS), Presidency University Bengaluru 11th to 15th Nov 2024 (Online)
8. Attended a industrial visit titled “**WEB DEVELOPMENT**” - 02nd December 2023.
9. Attended Five days Workshop on “**Role of IoT and ML in Agriculture**” in PRESIDENCY UNIVERSITY – 12th August 2023 to 28th August 2023.
10. Attended National Level Faculty Development Programme on “**DJANGO Python Web Framework**” – 19th December 2022 to 20th December 2022.
11. Participated Faculty Development Programme on “**Applications of Machine learning in Modern Cloud Era**” – 28th October 2022 to 03rd November 2022.
12. Participated Faculty Training Program on “**Cloud Computing**” - 26th October 2022.
13. Participated one-day seminar on “**Accreditation and Academic Excellence**” – 19th October 2022.
14. Participated Webinar on “**DevOps Training**” – 24th February 2022.
15. Participated Five Days Virtual Faculty Development Programme on “**Research Capabilities in Fog and Edge Computing**” – 14th February 2022 to 18th February 2022.
16. Participated Three Days National Workshop on “**Applications of Deep Learning in Computer Vision**” – 10th February 2022 to 12 February 2022.
17. Having Certificate of Appreciation to “**Recognition for a recorded of outstanding co-operation**” in UG/PG admission - 2021 to 2022.