



# Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**  
Approved by **AICTE**  
Accredited by **NAAC** with **A+** Grade  
6 Programs Accredited by **NBA**  
(CSE, ISE, ECE, EEE, MECH, CV)

|                                   |                          |                                                                                     |
|-----------------------------------|--------------------------|-------------------------------------------------------------------------------------|
| Faculty Name                      | Mr. John Peter V         |  |
| Academic Designation              | Assistant Professor      |                                                                                     |
| Educational Qualification         | M.E., M.Lib.Isc., (Ph.D) |                                                                                     |
| Experience in Teaching & Industry | 10 & 1                   |                                                                                     |
| Date of Joining                   | 10-08-2026               |                                                                                     |
| Official Email ID                 | john-icb@dsatm.edu.in    |                                                                                     |
| Employee ID                       | 180957                   |                                                                                     |

## Educational Details

- **Ph.D. (Quantum Computing):** Pursuing JAIN (Deemed-to-be University), Bangalore, INDIA
- **M.Lib.I.Sc. (Master of Library and Information Science):** 2022, Annamalai University, Chidambaram, Tamilnadu
- **B.Lib.I.Sc. (Bachelor of Library and Information Science):** 2021, Annamalai University, Chidambaram, Tamilnadu
- **M.E. (Computer Science):** 2014–2016, Jayalakshmi Institute of Technology, Thoppur (Anna University), Tamilnadu
- **B.E. (Computer Science):** 2008–2012, Arunai Engineering College, Thiruvannamalai (Anna University), Tamilnadu
- **H.S.C.:** 2008, Sri Vijay Vidyalaya Higher Secondary School, Dharmapuri, Tamilnadu
- **S.S.L.C.:** 2006, Don Bosco Higher Secondary School, Dharmapuri, Tamilnadu

## Professional Experience

- **Dayananda Sagar Academy of Technology and Management** – Bangalore, Karnataka, INDIA (August 2026 to Till Date)  
**Assistant Professor** – Department of Computer Science & Engineering (IoT & Cybersecurity including Blockchain Technology)
- **City Engineering College** – Bangalore, Karnataka, INDIA (February 2024 to August 2026)  
**Assistant Professor** – Department of Information Science & Engineering
- **Sapthagiri College of Engineering** – Dharmapuri, Tamil Nadu, INDIA (July 2016 to December 2023)  
**Assistant Professor** – Department of Computer Science & Engineering
- **SAP Labs** – Bangalore, Karnataka, INDIA (1 Year)  
**SAP Consultant (Implementation)** – SAP Business ByDesign

## Publications

### Journals:

1. Published a peer-reviewed research paper titled '**A Multi-Class Deep Neural Network Framework Driven Automated Classification of Diabetic Retinopathy Using Retinal Fundus Images**' in the journal *Genetics and Molecular Research* (E-ISSN: 1676-5680), 2026

### Patents:

1. **UK Design** patent filed and published with title "**Agriculture Drone For Plant Health Monitoring System**" Version: 14-2023, Design number: 6346424, Grant date: 21 February 2024 Registration date: 13 February 2024.
2. Indian patent filed and published with title "**AI Based Smart Glasses for Determining Retinal Stress**" Design no: 411758-001, Serial No.: 170191, Dated: 17-05-2024.
3. Published a Patent titled "**Automating Waste Detection and Management with Deep Learning Technologies**" on 31.05.2024 with Application Number – 202441039289 A
4. Filed a patent titled "**Machine Learning and IOT based Fire Alarm System**" on 15.02.2025 with Application Number – 448608 -001

### Books/Chapters:

1. Published book title on "**Cyber Security**" with ISBN No:978-81-970519-1-3 from Mercury Publications Consortium.
2. Published Scopus Indexed book chapter "An Effective Agricultural Crop Yield Recommendation System Using Machine Learning Algorithm" in book titled "Navigating Complexity, AI, and Legal Challenges in Organizations" with ISBN No: 979-8337324203 Published by IGI Global Scientific Publishing; ©2026. DOI: 10.4018/979-8-3373-2419-7.ch016.
3. Contributed to the text "Integrated Smart Technologies for Sustainable Water Systems Using Computer Applications" in book titled "Water Energy" publisher Taylor and Francis.

### International Conferences:

1. Presented an IEEE Scopus Indexed International Conference paper titled "**A Novel Lung Cancer Prediction using Deep Learning Technique**" in 2025 8<sup>th</sup> International Conference on Trends in Electronics and Informatics (ICOEI-2025), organized by SCAD College of Engineering and Technology, Tirunelveli, ISBN:979-8-3315-4461-4, Date:24-26 April 2025 DOI: 10.1109/ICOEI65986.2025.11013322.
2. Presented an IEEE Scopus Indexed International Conference paper titled "**Enhancing Transparency and Fairness in AI-Driven Financial Decision Systems Using Explainable AI Frameworks**" in 2026 ICoECIT 2025 – IEEE International Conference on Emerging Computing

and Intelligent Technologies, organized by G Narayanamma Institute of Technology & Sciences, Hyderabad, Telangana Date:28-29 Jan 2026.

3. Presented a paper titled “**A Hybrid Machine Learning for Early Detection of Malnutrition in Children**” in 2<sup>nd</sup> International Conference on Research Communications in Engineering, Science and Management (2-ICRCESM-2K25) organized by Ramachandra College of Engineering, Andhra Pradesh on 1<sup>st</sup> November 2025 ISBN:978-81-993404-3-5
4. Presented a paper titled “**Detection of Pneumonia using Deep Learning**” in 2<sup>nd</sup> International Conference on Research Communications in Engineering, Science and Management (2-ICRCESM-2K25) organized by Ramachandra College of Engineering, Andhra Pradesh on 1<sup>st</sup> November 2025 ISBN:978-81-993404-3-5
5. Presented a paper titled “**Remote Patient Monitoring & Asset Tracking**” in International Conference on “Recent Trends in Computational Engineering and Technologies – ICRTCET-2024” organized by Raja Rajeswari College of Engineering, Bangalore on 25<sup>th</sup> & 26<sup>th</sup> July 2024.
6. Presented a paper titled “**Knowledge Based Shadow Detection and Removal in Color Images**” in International Conference on Future Engineering and Technology – ICFET-2024” organized by Muthayammal Engineering College(Autonomous), Namakkal on 26<sup>th</sup> April 2024

### National Conferences:

1. Presented a paper titled **"AgriBot for Automated Farming"** in National Conference on Emerging trends in Science, Engineering and Technology – NCETSET-2024" organized by City Engineering College, Bangalore on 27<sup>th</sup> December 2024 ISBN:978-93-6348-937-0
2. Presented a research paper titled **"Bone Scan Net : Deep Learning Framework Fracture Detection"** in National Conference on Innovation and Technology – NCIT-2025" organized by HKBK College of Engineering, Bangalore on 11<sup>th</sup> & 12<sup>th</sup> April 2025 ISBN:978-81-986363-6-2.
3. Presented a paper titled **"Water Quality Prediction for Smart Mariculture"** in National Conference on "Computing and Information Systems – NCCIS2K24" organized by Er.PMC College of Engineering, Hosur on 18<sup>th</sup> April 2024.

### Faculty Development Activity

1. Attended 2 weeks FDP on **"Machine Learning"** organized by SkillDzire in collaboration with **AICTE** in Aug-2025
2. Attended 6-days FDP on **"Data Analytics Using Power BI"**, organized by Atria Institute of Technology, Bangalore in Aug 2025.
3. Attended NPTEL-AICTE FDP on **"Research Methodology"**, July-Sep 2025.
4. Attended 3-days FDP on **"Effective Research writing: Tools and Techniques"**, organized by City Engineering College, Bangalore in Mar-2025.
5. Attended 6-days FDP on **"Empowering Smart Cities with AI-Driven Edge and Fog Computing Architecture"**, conducted by ATAL in Jan 2025.
6. Attended 6-days FDP on **"Future Ready AI Emerging Technologies and their Societal Transformations"**, conducted by ATAL in Feb 2025.
7. Attended NPTEL-AICTE FDP on **"Python for Data Science"**, (Jun-Aug 2024).
8. Attended 4-days FDP on **"VTU Internship Program"**, conducted by Rooman Technologies Pvt. Ltd in Sep 2024.
9. Attended 3-days MDP on **"Leadership and Teambuilding"**, organized by MSME Technology Centre, Bangalore in Mar 2025.
10. Attended 3-days FDP on **"Effective Research Paper Writing: Tools and Techniques"**, organized by City Engineering College, Bangalore in Mar 2025.
11. Attended 2-days FDP on **"Data Visualization Lab"**, organized by Atria Institute of Technology, Bangalore in Sep 2024.
12. Attended 7-days FDP on **"Deep learning and Image Processing"**, organized by RR Institute of

Technology in Oct 2024.

13. Attended 5-days International FDP on “**Digital Marketing**”, organized by MIT Arts and Science College (Autonomous), Maharashtra in May 2024.
14. Attended 6-days FDP on “**Recent Trends in Computing 4.0**”, organized by Vishwakarma Institute of Technology, Pune in July 2024

## NPTEL & Certifications

1. NPTEL Certification in “**Research Methodology**”, July-Sep 2025, 8 week Course.
2. NPTEL Certification in “**Python for Data Science**”, July-Aug 2024, 4 week Course.
3. Completed course in “**Practical Blockchain and Cryptocurrency**” by Linkedin Learning.
4. Completed course in “**Machine Learning with Scikit-Learn**” by Linkedin Learning.
5. Infosys Spring Board Certification in “**Python Foundation - Quick Jump Start for Programmers**”, March -2024
6. Infosys Spring Board Certification in “**Full Stack Development**”, June -2024
7. Oracle Certified JAVA Professional and completed Diploma in Java Technologies at NIIT.
8. Certified SAP Business By Design- Solution advisor (FP 13o2,13o5)
9. Certified SAP Business By Design- Sales Executive (FP 13o2,13o5)
10. BEST PROJECT AWARD” by Igrow student association.

## Academic Activity

1. Served as Department level NAAC Coordinator.
2. Served as College Internship Coordinator.
3. Served as a Member of Placement cell.
4. Mentored Students in Projects and Publications.
5. Served as a Project incharge for UG final year projects.
6. Successfully organized Inter College Project Expo (Spardha2.o, Tech Arena)

## Workshops

1. Attended DELNET-CPF Webinar on “**AI Skills for Enhanced Cybersecurity and Resilience**” to celebrate World Youth Skills Day on July 2025.
2. Attended 2-days Workshop on “**Business Intelligence using Power BI Trends**”, organized by Skill Nation in July 2024

3. Attended 2-days Workshop on “**AR-VR in Real world**”, organized by National Engineering College, Kovilpatti in Mar 2024
4. Participated at the Virtual CeRSSE Conversations: Panel Discussion 2025-2 Reclaiming India’s intellectual Legacy: The Relevance of Indian Knowledge System in the 21<sup>st</sup> century held on 26<sup>th</sup> March, 2025, organized by JAIN(Deemed to be University).

### Contact Details

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