Dr P.JAYAPRIYA

3/74, Nallampalli East

Kolarpatti (post), Coimbatore (Dist),Pin 642107.

Personal Email**:** topriyadamu@gmail.com

Official Email:jayapriya.p@ngmc.org

Mobile: +91 8973006779

CAREER OBJECTIVE:

   To work in a challenging environment that utilizes my effective teaching skills in order to build a literate mass & groom them to higher standards.

EDUCATION:

- Completed Ph.D viva voce Examination on 19.02.2024.

- M.Phil from NGM College, Pollachi, March 2014.

- MCA from Kongunadu Arts and science college, Coimbatore, 78.90%, May 2010.

- Bsc (chemistry) from Sri GVG Visalakshi College for women, Udumalpet, 62.22 %, May 2007.

- Higher secondary from SKP Hr.sec School, udumalpet, 75.00%, March 2004.

- High school from RGM Matriculation Hr sec school ,Pedhappampatti,76.8%, March 2002

EXPERIENCE:

- Worked as an Assistant professor in Kongunadu Arts and science college,coimbatore in MCA Department from July 1st to October 30th 2010, Coimbatore.

- Worked as an Assistant professor in PG Department of computer science NGM College, Pollachi from 24.12.2010 to 27.02.2015.

- Working as an Assistant professor in Department of Computer science, NGM College, Pollachi from 16.06.2017 to till date.

TECHNICAL SKILLS:

 PROJECT1:

- **Title:** A design for an Online RSS Reader based on AJAX.

- **Description:** A Design for an Online RSS Reader Based on AJAX provides web-based feed readers or new aggregators within an interactive Ajax- facilitated web application without requirement of software installation.
- **Platform:** Asp.net
- **Duration:** 6 months

PROJECT2:

- **Title:** Image Restoration using Blind De-Convolution from motion blur image.
- **Platform:** Mat lab 7.0.

PROJECT3:
- **Title:** Automatic Marker based Morphological Image Segmentation, Classification and disease detection using SVM classifier in diseased Tomato plants.
- **Platform:** Mat lab 17b.
- **Duration:** 6 months

JOURNAL PUBLICATION

1. Published a Journal "Design and Development of Enhanced Deep Learning Methodology for Tamil Manuscripts Extraction using hybrid CNN-LSTM-CTC" in Academic Research Journal of Science and Technology (ARJST),ISSN: 3048-9644,March 01, 2025). http://dx.doi.org/10.2139/ssrn.5180775

2. Published a Journal "Innovative Approaches in Deep Neural Networks: Enhancing Performance through Transfer Learning Techniques," Proceedings of the Third International Conference on Automation, Computing and Renewable Systems (ICACRS-2024) IEEE Xplore Part Number: CFP24CB5-ART; ISBN: 979-8-3315-3242-0, Pudukkottai, India, 2024, pp. 857-864, doi: 10.1109/ICACRS62842.2024.10841600.

3. Published a Journal "An Enhanced Deep Learning Methodology for Identifying Diseases Pertaining to Maize Crop using Improved Gaussian Particle Swarm Optimization" in Current Agricultural Research (UGC-Care.) ISSN: 2347-4688, Vol. 12, No.(2) 2024, pg. 726-738, July 2024, http://dx.doi.org/10.12944/CARJ.12.2.18.

4. Maize Leaf Disease Identification and Classification based on Multiscale Convolution Network, Bacterial Foraging Optimization and Particle Swarm Optimization,

Journal of the Maharaja Sayajirao University of Baroda, ISSN :0025-0422 ,Volume:57,Issue : No.1(VII),pg:24-31,Oct 2023.

5. Determination and Segmentation of Maize Plant Disease using Improved Gaussian Particle Swarm Optimization on Convolution Neural Network, Journal of Data Acquisition and Processing,ISSN 1004-9037, Volume :38 Issue: 3, pg:308-321, May 2023(DOI: 10.5281/zenodo.7922885).

6. IOT based Garbage Monitoring System, Journal of The Maharaja Sayajirao University of Baroda,Vol no.57 Issue no :2, April 2023,ISSN:0025-042, pg:125-133.

7. Bacterial Foraging Optimization based Recurrent Neural Network Approach for Identification and Classification of Maize plant Diseases, IEEE Digital Explore Library, ISBN-978-1-6654-1006-9,Pg:35-46, Oct 2022, (DOI:10.1109/ICICICT54557.2022.9917607).

8. A study of Robotic Vacuum Cleaner Using Raspberry Pi, Journal of The Maharaja Sayajirao University of Baroda , ISSN :0025-0422 ,Volume-56, No.1(III) ,May 2022,pg 140-145.

9. A Deep Multi Scale Convolution Global Pooling Neural Network Model for Identification and Classification of maize Plant Diseases, High Technology Letters,ISSN: 1006-6748,Volume:28,Issue:2,Feb-2022,pg:328-342.

10. Morphological and Otsu's Segmentation,Classification and Disease Detection of Maize Plant Using Texture Feature Analysis, Design Engineering,ISSN: 0011-9342,Oct-2021,Issue: 8 ,Pg: 1356-1368.

11. Automatic Marker based Morphological Image Segmentation,Classification and disease detection using SVM classifier in diseased Tomato plants, Journal of the Maharaja Sayajirao University of Baroda, ISSN :0025-0422, Volume-55, No.1(X), Aug-2021,pg 82-88.

12. Image Processing Techniques In Agriculture For Plant Disease Detection And Weed Detection, International Journal of Creative Research Thoughts Volume 9, Issue 3 March 2021 | ISSN: 2320-2882,pg 4643-4650.

13. Detection of Maize Stem and Leaf Diseases using Edge Detection Method to Prevent the Crops from Diseases, Journal of Xi'an University of Architecture &

Technology, Scopus, ISSN No : 1006-7930,Volume XII,Issue VII,July 2020, Pg: 1052-1064.

14.   Comparative Analysis of Image Segmentation Techniques and its Algorithm, International Journal of Scientific & Technology Research ,Volume 8, Issue 10, October 2019 ISSN 2277-8616,pg.2209-2212

15.   An efficient Watershed Transformation Technique to Detect Cancer Cells in human organs ,International Journal of Advance and Innovative Research, Volume 6, Issue 1 (VII): January – March, 2019, ISSN 2394 – 7780 , pg:70 – 75.

16.   A Study on Image Restoration and its Various Blind Image Deconvolution Algorithms, International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 2, Issue. 10, October 2013, ISSN 2320–088X ,pg.273 – 278

PAPER PRESENTED IN SEMINAR

1. Presented a paper on topic "Leveraging AI for Sustainable Logistics: Optimizing Efficiency and Reducing Environmental Impact" in ICSSR Sponsored National seminar on Artificial Intelligence in Logistics and Supply Chain Management Ethical Implications in Automation,Transparency and Sustainablity organized by PG Department of Commerce with International Business,NGM College, Pollachi on 07.03.2025.

2.   Presented a paper entitled "A Gated Recurrent Units (GRU)-Based Model for Early Detection of plant diseases through Convolution Neural Network" in two days National Seminar on "Deep Learning & Computer Interaction for sustainability" organized by Department of BCA, NGM College, Pollachi on 10.01.2024 and 11.01.2024

3.   Presented a paper entitled "Empowering Women; basic right for being an Individual" in ICSSR Sponsored One Day National Seminar on "Perspective of ICT Tools in Education" organized by Department of Commerce, NGM College, Pollachi on 04.08.2023.

4.   Presented a Paper title "Digital Image processing and its applications" in National Seminar on "Convergence of Database and Communication Technology" at Sree Ramu College of Arts and Science on 13.01.2012

PAPER PRESENTED IN CONFERENCE

1. Presented a Paper with Title **"**Smart IoT-Driven Blood Bank: Real-Time Stock Monitoring and Management" at first International Conferences on Advances in Engineering and Computing Technologies for Sustainable Development (AECTSD) at Sri Ramakrishna Engineering College,Tamilnadu,India on 12.12.2025 and 13.12.2025.

2. Presented a Paper with Title "DenseNet and EfficientNet-B Hybrid Deep Transfer Learning for Growth in Skin Disease Prediction" at the 3rd International Conference on Edge Computing and Applications ICECAA 2025 organised by Gnanamani College of Technology Namakkal, Tamilnadu, India, on 03.12.2025-04.12.2025.

3. Presented a paper with Title "Smart Inventions: Internet of Things (IoT) for Daily Life Innovations" in International Conference on Future of Computer Science with AI: Theory, Practice, and Impact (ICFCSAI-2025) organized by the Department of Computer Science and Engineering, Institute of Engineering and Technology, Dr. Bhimrao Ambedkar University, Agra from 25.09.2025 to 27.09.2025**.**

4. Presented a Paper title "Exploring Deep Learning methods for implementing Deep Belief Networks in Neural Architectures" in National Conference on Latest Innovations in Science and Technology(LIST-2K25) jointly organized by PG & Research Department of Computer science, Department of Data Science, Providence College,Coonoor,Nilgiris on 23.08.2025

5. Presented a paper on topic "AI Cultivation: Transforming Agriculture through Plant Disease Detection - Methods,Applications and Boundaries" in International Conference on Research Perspectives in New-Gen Computational Paradigms (ICRPNCP), organized by St.Joseph's College for Women,Tirupur,Tamilnadu,India, from 12.08.2025-13.08.2025.

6. Presented a paper on topic "Design and Development of Enhanced Deep Learning Methodology for Tamil Manuscripts Extraction using hybrid CNN-LSTM-CTC", International Conference on Recent Trends in Computational Technologies and Sustainable Development Goals (ICRTCTS - 2025) with ISBN: 978-81-986118-7-1 on 25.03.2025 organized by PSG College of Arts & Science, Coimbatore, Pgno:38

7. Presented a paper on topic "Neurolink Technology",International Conference on Mathematical and Computational Biology 3.0(ICMCB-2025) with ISBN:978-81-985207-8-4 on 14.03.2025 organized by Hindusthan College of Arts and Science, Coimbatore, Pgno:111

8. Design and Development of Enhanced GRU Based Plant Disease Detection using Deep Learning,Second International Conference on Sustainable Computing Trends-ICSCT'25 sponsored by ICT Academy with ISBN: 978-81-985207-0-8 on 07.03.2025 organized by Hindusthan College of Arts and Science,Coimbatore,Pgno: 45-52

9. Presented a paper on topic "Innovative Approaches in Deep Neural Networks:Enhancing Performance Through Transfer Learning" in 3rd International Conference on Automation,Computing and Renewable Systems (ICACRS) organized by Mount Zion College of Engineering and Technology,Pudukkotai,Tamilnadu,India, from 04.12.2024-06.12.2024.

10. Presented a paper on topic "An Optimized Deep Learning Approach for Disease Classification" in International Conference on Recent Trends in Multi-Disciplinary Research and Innovation, organized by A.V.P College of Arts and Science, Tirupur on 13.09.2024

11. Presented a paper on topic "Determination and Segmentation of maize plant disease using Improved Gaussian Particle Swarm Optimization on Convolution Neural Network" in the Research & Industry Symposium on Information and Cyber Security – RISICS'23 (in honour of Shri FC Kohli, Father of Indian Software Industry) supported by ACM Chennai and Coimbatore Chapters, CSI Chennai and Coimbatore Chapters and IEEE CS Madras Chapter, organized by the Department of Computing, Coimbatore Institute of Technology, Coimbatore on 25.01.2023.

12. Presented a paper on topic "Bacterial Foraging Optimization based Recurrent Neural Network approach for Identification and Classification of Maize plant Diseases" on 11.08.2022-12.08.2022 in Third International Conference on Intelligent Computing, Instrumentation & Control Technologies, ICICICT-2022, Vimal Jyothi Engineering College,Kannur, Kerala, India

13. Presented a paper on topic "Bacterial foraging optimization on Recurrent Neural Network Structure against identification and classification of Maize Plant disease" International Conference on Emerging trends in science and technology (ETIST-2021)"on 27.10.2021 organized by Department of biological Science, Physical Science and Computational Science, NGM College, Pollachi.

14. Presented a paper on topic "A Deep Multi Scale Convolutional Global Pooling Neural Network Model for Identification and Classification of Maize Plant Diseases" on 27.10.2021 organized by Department of biological Science, Physical Science and Computational Science, NGM College, Pollachi.

15. Presented a paper on topic "Comparative Analysis of Bio and Medical Images using Marker based Morphological Watershed Image Segmentation in the 10th National Conference on Machine Learning and smart Technology (NCMLST-2020) held on 12.02.2020 in Sri Krishna Arts and Science College, Coimbatore.

16. Presented a paper on topic "Data Mining Techniques to Predict Diabetics influenced Cardiac Arrest" in "National conference on Emerging Research Trends in Computer science and Technology (NCERTCST'20)" Organized by Department of Computer Science on 29.01.2020 in Shri Nehru Maha Vidyalaya College.

17. Presented a paper on topic "IOT based Smart Agriculture" in the International Conference held on 7.01.2020 in Nirmala College for Women.

18. Presented a paper on topic "An efficient watershed transformation technique to detect cancer cells in human organs" organized by Indian Academicians and Researchers Association, Hindusthan College of Arts and Science on 24.01.2019.

19. Presented a paper on topic "Modified DSR techniques for Detection of Gray hole Attack and Route Discovery" in national Conference on "Advanced Computing Technologies and Intellectual Property rights(NCACT '18' organized by Department of computer science,St.Joseph's College for women, Tirupur-641640, TamilNadu, India 16.02.2018.

20. Presented a paper on topic "Application Naives Bayes Class tech for Rice Yield Production in south India" in the national conference on Advanced computing technologies and intellectual property rights (NCACT'18) Organized by Department of

computer science,St.Joseph's College for women, Tirupur-641640,TamilNadu, India on 16.02.2018

21. Presented a paper on topic "Innovative trends in Information technology" in National Conference at KG College of Arts and Science,Saravanapatti,Cbe on 07.02.2015

CONFERENCE PROCEEDINGS

- Proceedings with title " AI Cultivation: Transforming Agriculture through Plant Disease Detection - Methods, Applications and Boundaries" in International Conference on Research Perspective in New-Gen Computational Paradigms organized by Department of Computer Science,Department of Computer Applications and Department of Computer science with Data Analytics ,St Joseph's College for Women,Tiruppur,Tamilnadu,India with ISBN NO:9-788199-007819 from 12.08.2025 to 13.08.2025.

- Proceedings with title "Design and Development of Enhanced Deep Learning Methodology for Tamil Manuscripts Extraction using hybrid CNN-LSTM-CTC", International Conference on Recent Trends in Computational Technologies and Sustainable Development Goals (ICRTCTS - 2025) with ISBN: 978-81-986118-7-1 on 25.03.2025 organized by PSG College of Arts & Science, Coimbatore, Pgno:38

- Proceedings with title "Neurolink Technology",in International Conference on Mathematical and Computational Biology 3.0(ICMCB-2025) with ISBN:978-81-985207-8-4 on 14.03.2025 organized by Hindusthan College of Arts and Science, Coimbatore, Pgno:111

- Proceedings with Title "Leveraging AI for Sustainable Logistics: Optimizing Efficiency and Reducing Environmental Impact" in ICSSR Sponsored National seminar on Artificial Intelligence in Logistics and Supply Chain Management Ethical Implications in Automation,Transparency & Sustainability, Organised by PG Department of Commerce with International Business , ISBN : 978-93-94004-44-3 on 07.03.2025,Pgno:50-55

- Proceedings with title "Design and Development Enhanced GRU-Based Plant Disease Detection Using Deep Learning" in 2nd International Conference on Sustainable Computing Trends-ICSCT'25 with ISBN No: 978-81-985207-0-8

organized by Hindusthan College of Arts and science,Coimbatore,Tamil Nadu,India on 07.03.2025

- Proceedings with title "A Gated Recurrent Units (GRU)-Based Model for Early Detection of plant diseases through Convolution Neural Network" in two days National Conference on Deep Learning & Computer Interaction for Sustainability (DLCIS'24) with ISBN NO: 978-93-94004-73-3 on 10.01.2024 & 11.01.2024

- Proceedings with title "An Optimized Deep Learning Approach for Disease Classification" in International Conference on Recent Trends in Multi-Disciplinary Research and Innovation in Association with Britts Imperial University College,United Arab Emirates with ISBN:978-81-978963-5-4 organized by AVP college of Arts and Science College, Tirupur, Tamilnadu on 13.09.2024

- Proceedings with Title "Innovative Approaches in Deep Neural Networks: Enhancing Performance through Transfer Learning Techniques" in Third International Conference on Automation, Computing and Renewable Systems (ICACRS-2024) DVD Part Number: CFP24CB5-DVD; ISBN: 979-8-3315-3242-0 organized by Mount Zion College of Engineering and Technology,pudukkottai,Tamil Nadu,India from 04.12.2024-06.12.2024.

- **SEMINARS ATTENDED**

Title	Organized by	Date
Artificial Intelligence in Logistics and Supply Chain Management Ethical Implications in Automation ,Trnsparency and Sustainablity	PG Department of Commerce,IB, NGM College,Pollachi	07.03.2025
Cloud &DevOps	Marian College Kuttikanam in association with IPSR Solutions limited	25.06.2024

Opportunities in the AI Era		
Perspective Of ICT Tools In Education	Department of Commerce, NGM College,Pollachi	04.08.2023
Current Research Trends in Blockchain	Department of Computer Science & Engineering,Maharishi Markandeshwar Engineering College (MMEC), Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala	03.09.2021
Selenium framework for Automation Testing	Department of CT,NGM College,Pollachi	08.05.2021
Moodle using Gnomio-Hands on Training	Department of Bcom CA,NGM College,Pollachi	28.11.2020
Future of DevOps	PG Department of Computer Application,NGM College	27.08.2020
Steps to Enterpreneurship	Department of Computer Science(SF) , Nallamuthu Gounder Mahalingam College	25.07.2020
Block Chain Technology	Department of Computer Science,Palanisamy College of Arts ,Perundurai	10.07.2020
Prospects of Artificial Intelligence in Telecom Networks	Department of Electronics & Communications, Francis Xavier Engineering College,Tirunelveli	10.07.2020
Introduction of DevOps	Department of Computer Science,Sri Ramakrishna Institute of Technology,Cbe	20.06.2020
Blckchain Network in IoT Applications	Department of Computer Science,Ayya Nadar Janaki Ammal College,Sivakasi	04.06.2020
Strategic Roadmap towards 4.0	Department of Computer Science , Nallamuthu Gounder Mahalingam College	01.06.2020-07.06.2020
COVID-19-Disease Control and Management	Centre for laboratory Animal technology and Research,Sathyabama Institute of Science and Technology	14.05.2020-15.05.2020
Pandemic Pedagogy in Higher Education of Covid-19	Department of Education,Bharathiar University,cbe	13.05.2020
Lead with Emotional	Department of Computer Science(SF) , Nallamuthu Gounder Mahalingam College	09.05.2020

Intelligence		
Enhancing Coding Skills with Python	Sarada College for Women in association with Aaron technologies	08.05.2020
COVID Impacts on Technology	Department of Computer Science(Aided) , Nallamuthu Gounder Mahalingam College	29.04.2020
An Effective Research paper writing Skills	Bhagavan Mahavir College of commerce and Management Studies, Surat,Gujarat	13.04.2020 - 16.04.2020.
IoT: An Innovative Frontline Technology Shield during Pandemics	Internal Quality Assurance Cell, Nanallamuthu Gounder Mahalingam College, pollachi	07.04 2020.
High-Tech Offence – Women Sufferer and Indispensable Conservation	Saraswathi college of Arts and science, Pollachi sponsored by National Commission for Women, New Delhi.	8.01.2020 - 9.01.2020
Cyber Security Awareness	Department of Computer Science(Aided) , Nallamuthu Gounder Mahalingam College	08.01.2019
Cyber Security Awareness	Department of Computer Science,NGM College	08.01.2019
Career openings in Networking	NGM College	09.02.2018
National colloquium on contemporary Trends in Big Data Analytics	Department of Computer Application, NGM College	24.08.2017
Research in Computers on why, what and how?	Bharathiar university, Coimbatore	10.02.2012
Data mining and warehousing	Vidhyasagar College of arts and science, Udumalpet	19.02.2011

WORKSHOP ATTENDED

Title	Organized by	Date	No of days
NET/SET/JRF Preparation in Computer Science	IQAC,PG Dept. of Computer Science, Shri Krishnaswamy College for Women,	15.12.2025- 19.12.2025	5

	Chennai.		
Research Approach on Data Extraction from Manuscripts using Deep Learning	Department of CSE(AI and ML) and CSE(CYS),MCET College,Pollachi	03.01.2025 and 04.01.2025	2
Data Analytics & AI	Centre for Computer Science and Information Technology(CCSIT),Majeri,University of Calicut.	15.06.2024	1
Internet of Things	NoviTech R&D private Limited	29.09.2023	1
Full Stack Development	NoviTech R&D private Limited	28.09.2023	1
Cyber Security	NoviTech R&D private Limited	27.09.2023	1
Blockchain	NoviTech R&D private Limited	26.09.2023	1
Android apps and security-NLWAS '19	Department of Computer Application,Rathinam college of arts and science	20.09.2019	1
Dynamic Website Creation	Department of Computer Science,NGM College Pollachi.	07.01.2019	1
E-Content Development	NGM College	28.09.2018	1
Data, Network and Cyber Security	MCET college of Technology,Pollachi	09.03.2018- 10.03.2018	2
Research Paradigms in Medical Image Processing	SVS Institute of Computer Applications	21.09.2012- 22.09.2012	2

FACULTY DEVELOPMENT PROGRAMME

Title	Organized by	Date	No of days
Next-Gen Cyber security: Integrating	Amity Institute of information Technology	23.07.2025 to	5

Security, Forensics, and Legal Intelligence	(AIIT), Amity University Bengaluru, Karnataka -562110,	27.07.2025	
Future Generation Networking	The presidency school of Information Science	17.02.2025 to 21.02.2025	5
Empowering Image Processing and Artificial Intelligence Techniques with MATLAB	Department of Computer science and Engineering at SRM Institute of Science and Technology, Ramapuram,Chennai.	09.12.24 to 14.12.24	7
Yoga for Emotional Stability	Department of Human Excellence ,NGM College,Pollachi	04.11.2024-08.11.2024	5 days
Yoga for Emotional Stability	Department of Human Excellence ,NGM College,Pollachi	25.08.2024-02.08.2024	7 days
Innovation in Recent Trends and Research Applications on Computing and Informatics	Department of Information Technology in association with IQAC, Haldia Institute of Technology	29.07.2024-02.08.2024	5
Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai	29.07.2024-02.08.2024	5
Emerging Trends in Data Analytics and Machine Learning	Karunya Deemed University	18.09.2023-22.09.2023	5
AI Tools for the Teachers	Department of Computer Science(SF) jointly with PG and Research Department of Botany, NGM College,Pollachi	7.08.2023-17.08.2023	8
Quality Education for Nation Building	IQAC ,SIIMS	31.07.2023-08.08.2023	7
Machine Learning for Data Science	Department of Computer Applications, Sri GVG Visalakshi College for Women,Udumalpet and KG College of Arts and Science,Coimbatore.	17.07.2023-21.07.2023	5
Data Science Specialization using Python	Department of Computer Science, Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore	19.06.2023-23.06.2023	5
Data Analytics and Machine Learning(Online)	Ramco Institute of Technology-Department of Artificial Intelligence and Data Science	13.02.2023-17.02.2023	5
Impact of Artificial Intelligence	Department of Computer Science,Dr SNS Rajalakshmi College of Arts and science	07.11.2022 - 11.11.2022	5
Advanced Computing Technologies	Department of Computer science(SF),NGM College,Pollachi	25.07.2022-31.07.2022	6

	Easwari College of Engineering,chennai	21.02.2022-26.02.2022	6
Machine Learning and Deep Learning			
Recent Trends in Data Science & Big Data Analytics	KG College of Arts and Science	28.06.2021-03.07.2021	
			6
Faculty Development programme	KPR College of Arts Science and research,Coimbatore	06.07.2020-10.07.2020	6
Digital Image Processing with Research Methodology	Karpagam College of Engineering, Coimbatore	15.06.2020-19.06.2020	5
The Scope and Impact of Open Source Technologies	Department of Computer Science and Engineering,Vellalar College of Engineering and Technology	26.05.2020-30.05.2020.	5
Innovation in Information technology post COID-19	Department of BCA,NGM College,Pollachi	21.05.2020-27.05.2020	7
Data Science	Department of Computer science(SF),Nallamuthu Gounder Mahalingam college	18.05.2020-24.05.2020	7
Enhance Your IT Skills during Quarantine	Bishop Appasamy College of Arts and Science College	18.05.2020-23.05.2020	6
Current Technologies in IT Industry	Department of Computer science (Aided) and ISO,Nallamuthu Gounder Mahalingam college,Pollachi	14.05.2020-18.05.2020	5
R-Programming	Sri Krishna Arts and Science College-Coimbatore along with IIT Bombay Spoken Tutorial -Bombay	19.04.2020-24.04.2020	6
Dhrono-The Art of Teaching and Learning for Next Generation	Department of Business Administration (BBA),D.G.Vaishnav College, Chennai	11.04.2020-16.04.2020	6
Cyber Security and Digital Forensic	School of Computing Science, Sree Saraswathi Thyagaraja College, Pollachi	27.05.2019-31.05.2019	5

TRAINING PROGRAMME

Title	Organized by	Date	No of days
Python Programming	Digital career and Enterpreneurship Hub of Department of Computer Applications,MHRD BU RUSA Phase II BEICH,Bharathiar University,Coimbatore	15.02.2021 to 26.02.2021	10
Research Challenges and Applications of Internet of Things(IoT) in Smart Agriculture	Department of Electronics and Communication Engineering,Kongunadu College of Engineering and Technology	02.01.2020 to 07.01.2020	6

	Bharathiar University, Coimbatore		
Software Testing-Teaching software testing techniques		04.01.2011 to 07.01.2011.	4

CHAPTER EDITOR

- Published a Chapter "A Novel Collaborative edge-computing Model for IoT-Enabled Smart Cities" in book "Smart Cities and Sustainability: Transforming Urban Spaces for a Sustainable Future" published by Apple Academic Press.

- Published a book chapter on Title "Design and Development Enhanced GRU-Based Plant Disease Detection Using Deep Learning" organized by Hindusthan College of Arts and science in 2nd International Conference on Sustainable Computing Trends-ICSCT'25 on 07.03.2025 with ISBN No: 978-81-985207-6-0

INNOVATION AMBASSADOR TRAINING

Completed Innovation Ambassador Training "Foundation Level" conducted in online mode by MoE's Innovation Cell and AICTE during Academic year 2024-2025

Completed Innovation Ambassador Training "Advanced Level" conducted in online mode by MoE's Innovation Cell and AICTE during Academic year 2024-2025

BOOK PUBLICATION

- Published a book "Deep Learning with Neural Networks" with ISBN 978-620-7-47189-8, by LAP Lambert Academic Publishing.

- Published a book "Image-Based Disease Detection-A Machine Learning Perspective" with ISBN 978-620-8-42901-0, by LAP Lambert Academic Publishing.

- Published a Book titled "The Creative Machine:A Deep Dive into Generative AI and Multimodol Intelligence" in November 2025,ISBN Number: 978-81-981600-3-4.

PATENTS

Patent on Topic "VISITOR IDENTIFICATION DEVICE USING IMAGE PROCESSING" with design Number: 448559-001 and Date of Issue 22/05/2025

RESOURCE PERSON

- Acted as Judge for Program IIC Activity-Idea Showcase organized by B.Com-B&I on 31/01/2025.

- Acted as resource person for program organized by Department of Computer Science (Aided) on Topic "Q&A with Experts: Invite IP Attorneys or Professionals" in association with IIC on 05.02.2025.

- Acted as a resource person for program organized by Department of B.Com PA on Topic Technology Readiness Level,Manufacturing Readiness Level and Innovation Readiness Level in association with IIC on 08.1.2026

REVIEWER

- Reviewer of an International Journal of Plant & Soil Science on 1.09.2024
- Review a Book Chapter entitled "Morphological Variation in Normal Maize Landrace Accessions Collected from South Sudan" on 17.03.2026
- Reviewer an International Journal Plant Cell Biotechnology and Molecular on 2025-2026

AWARD

Received Best Assistant Professor Award from National Award of IEP Inspiring Educators, Bharata Ratna Dr Sarvepalli Radhakrishnan Awards 2025,INSPIRE EDUVERSITY PUBLICATIONS, Registered under Ministry of Micro, Small and Medium Enterprises (MSME) on 05.09.2025.

NPTEL COURSE

Received online NPTEL Certification for "Python for Data Science" in Jul-Aug 2025

PERSONAL DETAILS:

- Husband Name   : Mr.N.Damodharan
- Date of birth   : 11.10.1986
- Language Ability   : English, Tamil

DECLARATION:

I here by declare that all the information's furnished above are true to the best of my knowledge and I can present all the supporting documents whenever necessary.

(JAYAPRIYA.P)

FDP/conferences/seminars/workshop attended from 2017 to till date

Academic Year	FDP	Seminar	Conference	Workshop	Journal Publication	Paper presentation	Count
2017-18		1(National)	2(National)	2			5
2018-19	2	1(National)	1(International)	1	1		6
2019-20		1	2(National) 1(International		1		5
lockdown	11	22			1		34
2021-22	2			1	3	2	8
2022-23	2		1		1	1	3
2023-24	4	1				1	6
2024-25	1		1	1	1	1	5
2025-26	3		3	1	1	3	