

Name : RADHIYA DEVI C
Designation : Assistant Professor
Department : Commerce with CA
Qualification : M.Sc., M.Phil., SET, (Ph.D.)
Experience : Teaching – 14.5 Years
Specialization: Digital Image Processing
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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Vellalar College for Women, Erode	Pursuing
M.Phil.	Computer Science	Vellalar College for Women, Erode	Mar 2010
M.Sc	Computer Science	St. Joseph's College for Women, Tirupur	Apr 2008
B.Sc	Computer Science	St. Joseph's College for Women, Tirupur	Apr 2006

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
SET	Computer Science	Mother Teresa University	2018

Research Publications (Indexed)

- C. Radhiya Devi and S. K. Jayanthi, "International Journal of Intelligent Systems and Applications in Engineering", DCNMAF: Dilated Convolution Neural Network Model with Mixed Activation Functions for Image De-Noising." [Online]. Available: www.ijisae.org - (Scopus indexed Journal).
- C Radhiya Devi, et al. (2023). De-Noising of Apple Fruit Images using Dilated Convolution Neural Network model with Mixed Activation Function. International Journal on Recent and Innovation Trends in Computing and Communication, 11(10), 2338–2345. <https://doi.org/10.17762/ijritcc.v11i10.8955>(Scopus indexed Journal).

- Devi, C. & Jayanthi, S.K. (2024). Enhancing Apple Disease Detection with Pixel Pyramid Net through Pixel-Level Segmentation and Spatial Pyramid Pooling Techniques. Agricultural Research Communication Center in Indian Journal Of Agricultural Research. <https://doi.org/10.18805/ijare.a-6248>- (Scopus indexed Journal).

Book / Chapter Publication

- Authored a Chapter titled "Machine Learning – An Overview" in the book Multidisciplinary Exploratory Research in Advanced Technologies, published by the IOT Academy.
- Authored a Book titled Artificial Intelligence and Applications in Business, published by Priyam Publications.

Acted as Resource Person:

- Resource person, webinar titled "Exploring Java Programming" as part of the Faculty Exchange Programme & Contemporary Issues, which was organized collaboratively by the Department of Computer Science at St. Joseph's College for Women and the Department of Information Technology at KG College of Arts and Science.

Participation in Faculty Development Programme

- Two-Day FDP on **Virtual Teaching** , Central University of Kerala, Kasaragod, on April 21, 2020.
- Online FDP on **Computational Intelligence**, PSG College of Arts & Science, Coimbatore, on May 16, 2020.
- Online FDP on the Analytics Series, A.V.P. College of Arts and Science on June 28, 2020.
- Online FDP Workshop on “E-Content Skill Development”, St. Joseph's College for Women, Tirupur, on July 30, 2021.
- Three-Day FDP under UGC PARAMARSH Scheme on Research Avenues in Machine Learning, Ayya Nadar Janai Amal College, Sivakasi, on September 23, 2021.

- One-Week FDP on Research Ideas in Image Processing & Communications , Siddartha Institute of Science and Technology, Puttur, Andhra Pradesh, from December 27, 2021, to January 1, 2022.

Participation in Seminars/Webinars

- National Level Webinar on “E-Learning Video Creation and Online Assessment Tools”, Arulmigu Palaniandavar arts college for women , Palani on June 16, 2020.
- Webinar on "Moodle: A Quick Tour", Chikkanna Government Arts College, Tirupur, on June 12, 2020.
- Webinar on "Applications of IoT in Education", Women's Christian College, Chennai, on June 18, 2020.
- International Webinar on Blockchain Technology in Medical Field , St. Joseph's College of Arts and Science for Women, Hosur.
- National Level Webinar on Learning Management System with Canvas Instructure , Don Bosco College of Arts and Science, Thoothukudi, on June 25, 2020.

Participation in Workshops

- Workshop on "Effective Usage of ICT Tools for E-Content Preparation", Jayaraj Annapackiam College for Women, Theni, on May 2, 2020.
- Three-Day International Wired Web Series on "LMS: Moodle, Brihaspati & Sakai, Amazon Web Services with EC2 & S3, and Transformation Technologies: AI, IoT & Blockchain", Chikkanna Government Arts College, Tirupur, Tamil Nadu, India, from June 17-19, 2020.
- UGC-Sponsored Two-Day Workshop on "Free and Open Source Software", Gobi Arts and Science College, Gobi, on August 18-19, 2017.
- Online Workshop on "Artificial Neural Network Using MATLAB Tool", JAIN (Deemed-to-be University), Bangalore, India, from February 21-25, 2022.
- NPTEL Awareness E-Workshop Dr. N.G.P Arts and Science College, Coimbatore, and Haidia Institute of Technology, Haidia, West Bengal, on January 6, 2022.

Participation in Short Term Courses /Refresher Program

- 30-Day Online Training Program on "Introduction to Industry 4.0" organized by the Digital Career and Entrepreneurship Hub of the Department of Computer Applications, MHRD BU RUSA Phase II BEICH, Bharathiar University, Coimbatore, from December 23, 2020, to February 10, 2021.
- One-Week International Online Short Term Training Programme (STTP) on "Recent Trends and Challenges", Sona College of Arts and Science, Salem, on November 27, 2021.
- Refresher Program on "Artificial Intelligence in Healthcare using One API Tool" Vinayaka Missions Kirupananda Variyar Engineering College, Salem, on December 20, 2021.
- Short Term Training Programme (STTP) on "Cyber Data Analytics", VET Institute of Arts and Science, Erode, on December 20, 2022.

Presentations in Conference

- **A study on Text Extraction from Images**, National Conference on Advanced Computing Technologies & Intellectual Property Rights (NCACT' 18), St. Joseph's College for Women, Tirupur, 16.02.2018.
- **Autism Spectrum Disorder Detection using Machine Learning Techniques**, National Conference on Research Perspectives in New-Gen Computational Paradigms, St. Joseph's College for Women, Tirupur, 31.03.2023.
- **Deep Learning for Automated Apple Fruit Disease Detection**, International Conference on Research Perspectives in New-Gen Computational Paradigms, St. Joseph's College for Women, Tirupur, 11.07.2024 and 12.07.2024

Membership in Professional Bodies

- Computer Society of India (CSI), Annual Member

Awards / Honors

- Secured University 5th Rank in M.Sc. (CS) Computer Science affiliated to Bharathiar University April 2006.