

NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)

COIMBATORE

STAFF PROFILE

NAME : E. SYLVIA
DESIGNATION : Assistant Professor and Head
DEPARTMENT : Bachelor of Computer Applications (BCA)
QUALIFICATION : MCA.,M.Phil.,
EXPERIENCE : 19 Years
AREAS OF SPECIALIZATION : OOAD
E-MAIL : sylvia@nirmalacollegeonline.ac.in
ACADEMIC QUALIFICATIONS :

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
B.Sc. Computer Science	1998	Cauvery College for Women,Tiruchirappalli	First Class
Master of Computer Applications	2001	Bharathidasan University, Tiruchirappalli	First Class
M.Phil in Computer Science	2009	Bharathidasan University,Tiruchirappalli	First Class

RESEARCH PUBLICATIONS:

INTERNATIONAL:

- [1] E.Sylvia, Intelligence in Ecommerce Business to Improvising the Global Market, *International Journal of Research and Analytical Reviews (IJRAR)*, Volume 6 Issue 2, 2019.
- [2] Intelligence in Ecommerce Business to Improvising the Global Market, International Journal of Research and Analytical Reviews, Volume 6, Issue 2, 2019.
- [3] A study on impact of technology absorption and outcomes in India: a descriptive review, SELP Journal of Social sciences, Volume 7, Issue 23, 2019.
- [4] Published Article In International Conference on Women's Equality, Protection, and Empowerment (SHEROES FEST 2024), "A study on factors contributing towards women empowerment in actualizing sustainable development goals in india, 2024.

[5] Published article in ICSSR conference on “The Standup India Initiative: Green Finance and Blue Economy for Empowering Deprived Rural Masses in and around Coimbatore District”, Jan 2025

[6] Marketing Automation for Industry 5.0 for Employee Engagement of marketing professionals in pharmaceutical section in Coimbatore District in International conference on Management & Information Technology in Industry 5.0, Feb 202

[7] Published article in ICPR Conference on “Women in Indian Philosophy: Historical and Contemporary Perspectives and Hedonist Mentality in the 21st Century”, February 2025

NATIONAL:

[1] E.Sylvia , Mrs. A. Jansi Rani, A study on impact of technology absorption and outcomes in India: A descriptive review, *SELP Journal of Social sciences*, 2019.

PARTICIPATION IN CONFERENCES:

[1] An International Conference on Mathematics and Computer Science

[2] International Video Conferencing in Innovative Thinking in Machine Oriented Applications & Security Management, Department of Computer Applications.

[3] UGC sponsored Workshop on Outcome Based Education, IQAC

[4] Workshop on Outcome Based Education, IQAC

[5] UGC sponsored Workshop on “Intellectual Property Rights, Patent and Copyrights”. Internal Quality Assurance Cell.

[6] Content Development using JOOMLA

[7] International Video Conferencing on Trending Technologies, Department of Information Technology.

[8] International Video Conferencing on Trending in BioImage Informatics & Cognitive Technology for Data Science.

[9] Innovative Teaching Strategies, CDC.

PARTICIPATION IN SEMINARS:

[1] Innovative Teaching Strategies, CDC.

[2] IOT-Internet Of Things

[3] Multimedia

[4] Outcome Based Education

[5] Recent Trends in Techniques in Web Application Development

[6] Web Application Development and Deployment using SpringFramework

PARTICIPATION IN WORKSHOPS:

- [1] Google Classroom and Online Book Publishing.
- [2] IOT-Internet Of Things
- [3] Multimedia
- [4] UGC sponsored Workshop on Outcome Based Education, IQAC
- [5] Workshop on Outcome Based Education, IQAC
- [6] UGC sponsored Workshop on “Intellectual Property Rights, Patent and Copyrights”.
Internal Quality Assurance Cell.
- [7] Content Development using JOOMLA
- [8] Intellectual Property Rights, Patent and Copyrights
- [9] Innovative Teaching Strategies
- [10] Data Analytics
- [11] Innovative Teaching Strategies
- [12] E-Content Skill Development
- [13] Research with Patenting
- [14] Fabricating Powerful Webs using CMS

PARTICIPATION IN ORIENTATION PROGRAMME/ INDUCTION PROGRAMME/ SHORT TERM COURSES:

- [1] Participated in Orientation Programme every year in the month of June from 2008.
- [2] An International Conference on Mathematics and Computer Science
- [3] Innovation Ambassador Training Foundation

PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMMES:

- [1] Participated in Google Classroom and Book publishing on 24.10.2017 organized by the Department of computer science , Computer Application and Information technology, Nirmala College for Women, Coimbatore.
- [2] Participated in Innovative Teaching Strategies on 30.10.2019 organized by the Curriculum Development Cell, Nirmala College For Women, Coimbatore.

[3] Participated in Recent Trends in Techniques in Web Applications development on 27.11.2019 organized by the Department of Computer Science, Computer Applications and Information Technology, Nirmala College For Women, Coimbatore.

[4] Participated in Web Application Development And Deployment Using Spring Framework on 28.11.2019 & 29.11.2019 organized by the Department of computer science , Computer Application and Information Technology, Nirmala College for Women, Coimbatore.

CONFERENCE/ SEMINAR/ WORKSHOP ORGANIZED:

- [1] DIGITEK2K11 (One Day State Level Technical Symposium) 24/02/2011
- [2] An International Conference on Mathematics and Computer Science
- [3] Many Workshops organised department level and faculty level from 2007

INVITED SPEAKER/ SESSION CHAIR- CONFERENCE/ SEMINAR/ WORKSHOP:

- [1] Trained the Trainee programme on Artificial Intelligence and Machine Learning
- [2] Guest Lecture on Generative AI for the Department of Geography , Nirmala College for Women, Coimbatore.
- [3] Served as Judge for the Inter Collegiate Hackathon event in the Nirmala Innovation Fest – Genzeathon 2025 at Nirmala College for Women, Coimbatore.

BOOK PUBLICATIONS:

- [1] Mrs. A. Jansi Rani and Mrs. E.Sylvia - Published E-Book titled “Enrich Your Python Skills” with ASIN Number B084562SDC.
- [2] Enrich Your Python Skills
- [3] Cyber kuttram – Therinthukolungal(Tamil)
- [4] Essentials in Python
- [5] Java Programming for Starters
- [6] Exploring Operating Systems- A Beginners Guide
- [7] Published book chapter on Promoting youth entrepreneurship and sustainable development goals for economic development, Green Entrepreneurship Startups, 2024
- [8] Published book chapter on Serial Entrepreneurship an Competitive Advantage For Sustenance For An Entrepreneur in the book Entrepreneurship & Social Empowerment – Turning Dreams into Reality , 2024

MEMBER IN BOARD OF STUDIES:

- [1] Member in Board of Studies from 2007

MEMBERSHIP IN PROFESSIONAL BODIES:

- [1] Member in Academic Council from 2015

TECHNICAL SKILLS

- [1] Programming Languages: C, C++, JAVA, .Net programming, Python, Mobile App Development
- [2] Database Management: Oracle, MySql, SQLServer
- [3] Software Tools: Case Tools, Assembly Language Programming, Bio-python

AWARDS AND ACHIEVEMENTS

- [1] Best Teacher Award 2024-25 by Rotary club.
- [2] Thirukural Ulaga Nool Aiyvu Mamani Viruthu (25.01.2025)
- [3] Rising Contributor Award, (MongoDB Skill-a-thon-2025), By ICT Academy – 21.08.2025
- [4] Developed Admission Software and maintaining for Nirmala College for Women since 2017
- [5] Maintained Feedback Software and prepared reports for the college from 2009.
- [6] Innovation Ambassador