

NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)

COIMBATORE

STAFF PROFILE

NAME : Sr.Sagaya Mary J
DESIGNATION :Assistant Professor
DEPARTMENT : Data Science
QUALIFICATION : M.Sc., M.Phil.,Ph.D.,
EXPERIENCE : 13 years
AREAS OF SPECIALIZATION :Deep Learning, Machine Learning, Java
E-MAIL : sahai.james@gmail.com
ACADEMIC QUALIFICATIONS :

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
Ph.D.	2022	Christ University, Bangalore	
M.Phil	2008	Bharathiar University	I Class
PG	2006	St. Joseph's college, Tirupur	I Class
PG	2006	Alagappa University	II Class
UG	2012	Stella Matutina College of Education, Chennai	I Class
UG	2003	Nirmala College, Coimbatore	I Class

ADDITIONAL QUALIFICATIONS:

DIPLOMA/ VOCATIONAL/ CERTIFICATION	AREA OF SPECIALIZATION	NAME OF THE INSTITUTION/ UNIVERSITY/ AGENCY	YEAR

RESEARCH GUIDANCE:

PROGRAMME	NO. OF SCHOLARS	
	COMPLETED	PURSUING
Ph.D	-	--

M.Phil	-	-
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RESEARCH PUBLICATIONS:

INTERNATIONAL:

- [1] Nachamai, **Sr. Sagaya Mary J**, “Analysis of Computer Vision based Hand Gesticulation using deep learning”, International Journal of Control Theory and Applications, (ISSN: 0974-5572), Volume(10), Issue (19), April 2017, Pages: 101-109.
- [2] Sr. Sagaya Mary James, “IRIS, A Suitable Security Measure in Mobile”, International Journal of Advance Research in Science and Engineering (ISSN: 2319 – 8354), Volume(04), Issue SI(03), March 2015, Pages:87-96.
- [3] Sagaya Mary J, Nachamai M, .M.Vijayakumar, Chandra J, & Ravi Teja Bhima. (2023). Study of hierarchical learning and properties of convolution layer using sign language recognition model. *Elementary Education Online*, 20(5), 1118–1127. Retrieved from <https://ilkogretim-online.org/index.php/pub/article/view/5029>

PRESENTATIONS IN CONFERENCE:

INTERNATIONAL:

- [1] Presented a paper named ”**Analysis of Computer Vision based Hand Gesticulation using deep learning**” in **International conference on Sustainable Computing Techniques in Engineering** at Jain College of Engineering, Belagum, India on January 27th & 28th 2017.

PARTICIPATION IN CONFERENCES:

- [1] International conference on Sustainable Computing Techniques in Engineering at Jain College of Engineering, Belagum, India on January 27th & 28th 2017.
- [2] Participated in the National Conference on “Connecting Users to Library Resources through Innovative Technologies (SALIS 2024)” held on 4th & 5th October 2024.

PARTICIPATION IN SEMINARS:

- [1] Participated in a seminar on “**Intellectual Property Rights with Focus on Patents**” held on 8 February 2020.
- [2]

PARTICIPATION IN WORKSHOPS:

- [1]
- [2]

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

- [1] Completed **PhD coursework at Christ University** on 17 February 2012.
- [2]

PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMMES

[1] Participated in a **Faculty Development Program (FDP)** on “**Learning Outcome Based Curriculum Framework in the Context of NEP**” held on 4 December 2024.

[2] **Faculty enrichment program on :** Generative AI in Higher Education: Emerging Tools and Future Directions, 6th February 2026

CONFERENCE/ SEMINAR/ WORKSHOP ORGANIZED:

[1] -

[2] -

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

[1] -

[2] -

BOOK PUBLICATIONS:

[1] THE JAVA BUG HUNTER: DEBUGGING EXERCISES FOR DEVELOPERS

[2] BIGDATA ANALYTICS MADE SIMPLE: TINY PYTHON PROGRAMS FOR CLEAR UNDERSTANDING

MEMBER IN BOARD OF STUDIES:

[1] -

[2] -

EDITORIAL/ REVIEW BOARD MEMBER:

[1] -

[2] -

MEMBERSHIP IN PROFESSIONAL BODIES:

[1] -

[2] -