

NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)

COIMBATORE

STAFF PROFILE

NAME : Dr.M.Binuja Philomina
DESIGNATION :Assistant Professor
DEPARTMENT : Department of Data Science
QUALIFICATION :M.Sc.,Ph.D in Computer Science
EXPERIENCE : 9 Months
AREAS OF SPECIALIZATION : Networking
E-MAIL :binuja02@gmail.com
ACADEMIC QUALIFICATIONS :

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
Ph.D	2024	KSG College of Arts & Science	-
M.Sc.Networking	2013	Karunya University	First class
B.Sc.Computer Science	2011	Nirmala College For Women	First class

ADDITIONAL QUALIFICATIONS:

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

RESEARCH GUIDANCE:NIL

PROGRAMME	NO. OF SCHOLARS	
	COMPLETED	PURSUING
Ph.D		
M.Phil		

RESEARCH PUBLICATIONS:

INTERNATIONAL:

- [1] Binuja Philomina Marydasan, & Ranjith Natarajan, "Topology Change Aware on Demand Routing Protocol for Improving Reliability and Stability of MANET",

International Journal of Intelligent Engineering & Systems (IJIES), Vol. 15, No. 4, pp. 468-478, 2022, DOI: 10.22266/ijies2022.0831.42. (Scopus Indexed)

- [2] Binuja Philomina Marydasan, & Ranjith Natarajan, "An Energy-Conserved Stability and Density-Aware QoS-Enabled Topological Change Adaptable Multipath Routing in MANET", International Journal of Computer Networks and Applications (IJCNA), Vol. 10, No. 6, pp. 964-975, 2023, DOI: 10.22247/ijcna/2023/223692. (Scopus Indexed)
- [3] Binuja Philomina Marydasan, & Ranjith Natarajan, "A Survey on Multipath Routing Protocols for MANETs", International Journal of Computer Engineering and Applied Science, Vol. 2, No. 1, pp. 1-6, 2023.

NATIONAL: NIL

PRESENTATIONS IN CONFERENCE:

INTERNATIONAL: NIL

NATIONAL: NIL

PARTICIPATION IN CONFERENCES:

- [1] Participated in a two-day **International Conference on Advanced Computing** (ICAC-2023) held at Bharathiar University in the year 2023
- [2] Certification from sankara college of Science and commerce, Coimbatore "International conference on Digital Information Security And Computing Technologies" in collaboration with Lincoln University, Malaysia. April 2022.

PARTICIPATION IN SEMINARS: NIL

PARTICIPATION IN WORKSHOPS: NIL

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

PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMMES:.

- [1] **Teaching Methodologies organized by** Stella Matutina College of Education, Chennai. & Nirmala College for women Coimbatore., on 22.10.25 to 29.10.25
- [2] Blockchain and Digital Transformation on 14.11.25 to 20.11.25
- [3] Cyber Security conducted by ICT Academy on 18.08.20

CONFERENCE/ SEMINAR/ WORKSHOP ORGANIZED:

[1] [1] State Level Workshops on “Master Your Studies With AI: Tools & Tips” on 19.08.25

[2] Seminar on the Topic “Power BI” on 02.09.2025

[3] Workshop on the Topic “Leveraging Advanced Excel: From Functions to Interactive Dashboards” on 23.09.2025

[4] Awareness Workshop on the Topic “Career Opportunities in AI-IIC” on 27.11.2025

[5] Hands on Training on Topic “SCI LAB IN ACTION” on 20.01.2026 and 21.01.2026

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

[1] NIL

BOOK PUBLICATIONS:

[1] LECTURE NOTES ON JAVA PROGRAMMING ISBN 978-81-993005-6-9

MEMBER IN BOARD OF STUDIES:

[1] NIL

EDITORIAL/ REVIEW BOARD MEMBER:

[1] NIL

MEMBERSHIP IN PROFESSIONAL BODIES:

[1] NIL

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