

# NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)

## COIMBATORE

### STAFF PROFILE

**NAME** : Dr. A.Mary Theresa  
**DESIGNATION** : Assistant Professor & Head  
**DEPARTMENT** : Cyber Security  
**QUALIFICATION** : M.C.A., M.Phil., Ph.D.,  
**EXPERIENCE** : 10 Years 8 Months  
**AREAS OF SPECIALIZATION** : Data Mining  
**E-MAIL** : mary.devanto@gmail.com  
**ACADEMIC QUALIFICATIONS** :

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
Ph.D.	2024	Hindustan College of Arts and Science	Completed January 2024
M.Phil.,	2015	Hindustan College of Arts and Science	Completed March 2015
M.C.A	2014	Bharathiyar University	First Class
B.C. A	2011	Bishop Ambrose College of Arts and Science	First Class

#### ADDITIONAL QUALIFICATIONS:

DIPLOMA/ VOCATIONAL/ CERTIFICATION	AREA OF SPECIALIZATION	NAME OF THE INSTITUTION/ UNIVERSITY/ AGENCY	YEAR
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-	-	-	-
-	-	-	-
-	-	-	-
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#### RESEARCH GUIDANCE:

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

## **RESEARCH PUBLICATIONS:**

### **INTERNATIONAL:**

- [1] MARY THERESA.A.,& SARAVANAN.V(2022, Mach to April), Investigation study on classification based COVID disease prediction with patient data. International Journal of Multidisciplinary Research and Growth Evaluation,3(2),92-97.  
<https://doi.org/10.54660/anfo>
- [2] MARY THERESA.A.,& SARAVANAN.V(2022), Generalized feature transformative dependency magnitude decision tree classification for COVID-19 medical data analysis. International Journal of Health Sciences,6(S10), 429–445.  
<https://doi.org/10.53730/ijhs.v6nS10.2022> (Scopus Indexed)
- [3] MARY THERESA.A.,& SARAVANAN.V(2023, July to December), Quantile trace binning deming regression-based congruence deep learning for covid-19 medical data analytics. South India Journal of Social Sciences, XXI(18) , 110-123. (UGC Care, Group I)
- [4] Ms.A. Mary Theresa. “A Survey on Cloud Security Issues and Attacks” IJCSET (International Journal of Computer Science and Engineering Technology). Volume 2, Issue 6 – August 2015.

## **PRESENTATIONS IN CONFERENCE:**

### **INTERNATIONAL:**

- [1] Mrs. A.Mary Theresa, International Multidisciplinary Conference on “Information Science, Management Research and Social Sciences” Investigation Study On Classification Based Covid Disease Prediction With Patient Data - AJK College of arts and Science in association with ISMASI, Azteca University
- [2] Mrs. A.Mary Theresa,,International Conference on “Information Science, Management Research and Social Sciences” Mining Technique Issues in Internet – Alpha Arts and Science College ,Porur, Chennai.
- [3] Ms.A.Mary Theresa Mining Technique Issues In Internet Community”,2nd International Multidisciplinary Conference On Information Science, Management Research And Social Sciences, ISBN: 978-93-5457-137-4,2021

### **NATIONAL:**

- [1] Mrs. A.Mary Theresa, National Conference on “Information and Image Processing“ , Investigation Study on Data Mining - Shankara College of Science and Commerce, Coimbatore.

- [2] Mrs. A.Mary Theresa, National Level Virtual Conference on “Best Practices and their success stories in Higher Educational Institutions” - Rathnam College of Arts and Science, Coimbatore.

#### **PARTICIPATION IN SEMINARS:**

- [1] Mrs. A.Mary Theresa , The Role of Higher Education in Fostering Global Citizenship, International Seminar, School of Management, Nirmala College for Women, Coimbatore.
- [2] Mrs. A.Mary Theresa , Seminar on Innovation And Idea Generation on Entrepreneur Skill, Attitude And Behaviour Development , Nirmala College for Women, Coimbatore.

#### **PARTICIPATION IN WORKSHOPS:**

- [1] Mrs. A.Mary Theresa, UGC sponsored Workshop on Outcome Based Education - Internal Quality Assurance Cell (IQAC), Nirmala College for Women.
- [2] M. A.Mary Theresa, AI Tools for Research Writing, National, JCT College of Engineering and Technology.

#### **PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMMES:**

- [1] Mrs. A.Mary Theresa, Blockchain and Digital Transformation, Nirmala College for Women.

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

- [1] Invited as a Resource Person from the Department of Computer Science – Bishop Ambrose College Coimbatore to give a speech on the topic “Research Methodology”.
- [2] Invited as a Resource Person from the Department of Computer Applications – Nirmala College for Women Coimbatore to take one day Workshop on the topic “Design Tools”.
- [3] Invited as a Resource Person from the Department of Tamil (Aided)– Nirmala College for Women Coimbatore to take one day Workshop on the topic “Methods of Studying and Teaching Tamil Language”.
- [4] Invited as a Resource Person from the Department of Zoology– Nirmala College for Women Coimbatore to take Two days Hands on training on the topic “Artificial Intelligence Tools for life Sciences ”.

#### **BOOK PUBLICATIONS:**

- [1] Digital Security, Nirmala College for Women
- [2] Cyber Security. Nirmala College for Women
- [3] C Problem Solving Workbook: Practice And Mastery, ISBN – 978-81-981938-7-2.

- [4] Data Mining: Real-World Applications and Case Studies . ISBN – 978-81-984653-2-0.
- [5] Practical Cryptography With C: A Guide To Secure Coding, Encryption And Authentication Algorithms. ISBN – 978-81-992254-0-4.

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