



IDHAYA COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM

Accredited with A+ Grade by NAAC 1st Cycle

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

R & D Details Order

1. Faculty Publication
2. Student Publication
3. Faculty & Student Publication
4. Faculty Chapter Publication
5. Student Chapter publication
6. Book Publication
7. Editor / Coeditor / Reviewer / Resource Person
8. Patents
9. Award (Academic & Research Related Awards only)
10. Seminar / Conference / Workshop / FDP

Faculty Publication

S.N O	NAME OF THE AUTHOR	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN NO.	YEA R	PUBLIS HED IN	JOURN AL LINK
ACADEMIC YEAR (2025 - 2026)							
1	Dr.A.Mary Subashini	Quantum - Integrated Deep Learning Framework for Large - Scale Gene expression Analysis and Predictive Modeling of Parkinson's and Alzheimer's disease	Genetics and Molecular Research	1676- 5680	2026	Scopus	https://geneticsmr.com/index.php/gmr/article/view/395

Editor / Coeditor / Reviewer / Resource Person

S.No	Date	Name of the Staff	Editor / Coeditor / Reviewer / Resource Person	Title of the Event / Journal Name	Organization
1.	06.10.2025	Dr. A. Mary Subashini	Kalai Thiruvizha	Short Film Contest and Podcast Competition	Govt. College for Women, Kumbakonam

Book Publication

S.NO.	AUTHOR	TITLE	PUBLISHER	ISBN	YEAR
1	Dr. A. Mary Subashini	Machine Learning using Python	Scientific International Publisher	978 - 93-7196-354-1	2025

Patents

S.No	Name of the Author	Title of the Paper	National / International	Patent Number	Year of Publication
1.	Dr. A. Mary Subashini	Blockchain - Assisted Supply Chain Tracking System with smart contracts for Real - Time Verification and fraud Prevention.	National	202541098252	2025

Seminar / Conference / Workshop / FDP

S.No	Date	Name of the Staff	Seminar / Conference / FDP	Venue
ACADEMIC YEAR (2025 – 2026)				
1	22.08.2025 - 23.08.2025	Dr. A. Mary Subashini	Future of Human-AI Interaction: Bridging the Gap with LLMs and AR Integration.	IEEE Conference, Indore, India.
2	10.11.2025 - 14.11.2025	Dr. A. Mary Subashini	Faculty Development Program on Salesforce Administrator.	ICT Academy, Idhaya College for Women, Kumbakonam.
3	08.12.2025 - 13.12.2025	Dr. A. Mary Subashini	Quantum Computing for Modern Computational Domains.	Periyar Maniyammai Institute of Science & Technology, Vallam, Thanjavur.
4	01.12.2025 - 05.12.2025	Dr. A. Mary Subashini Mrs. S. Saritha	Understanding NEP 2020 : Shifting focus from Knowledge Transmission to Skill Development.	Stella Matutina College of Education, Chennai & Sri Vidhya College of Arts & Science, Virudhunagar.
5	08.12.2025 - 12.12.2025	Mrs. S. Saritha	Applications of Mathematical & Statistical Techniques in Health Care (SDG – 3)	SRM Institute of Science and Technology , Chennai.
6	17.02.2026	Dr. A. Mary Subashini	Sleep Cycle-Based Stress Detection using Machine Learning.	International Conference, Department of Computer Science, Idhaya College for Women, Kumbakonam.