PROFILE

Name   : Mrs. V. Amala Deepa

Gender   : Female

Educational Qualification   : M.Sc., M. Phil. with SET, NET., B.Ed., (Ph.D.)

S. No.	Degree / Diploma	Subject / Main	Year of Completion	Name of the College / University
1.	U.G.	B.Sc. Computer Science	2002	Holy Cross College, Bharathidasan University, Trichy
2.	P.G.	M.Sc. Computer Science	2004	Holy Cross College, Bharathidasan University, Trichy
3.	M.Phil.	Computer Science	2008	St. Joseph's College, Bharathidasan University, Trichy
4.	B.Ed.	Computer Science	2012	Bharath College, Thanjavur
5.	SET	Computer Science	2018	Mother Teresa University, Kodaikannal
6.	Ph.D.	Computer Science	Pursuing	Holy Cross College, Bharathidasan University, Trichy
7.	NET	Computer Science	2023	UGC

Teaching Experience:

- Currently working as an Assistant Professor in PG & Research Department of Computer Science, Holy Cross College, Trichy (from 2012 – till date).

- Worked as a Lecturer at Kundavai Nachiyaar Government Women's Arts College, Thanjavur (from 2009-2010).

Total Teaching Experience: 12 Years 6 Months

Positions Held (VP / Dean/ HOD / Director/ Overall Coordinator etc.)

S. No.	Name of the Position	Period
1.	Value Education In-charge (Shift II)	From 2024 – till date
2.	Computer Science Department Coordinator	From 2017 – 2020
3.	YRC Coordinator (Shift II)	2016 – 2017

Conference/Seminar/Workshop/ Training Program attended - Academic & General:

(Last two years)

Academic Year	Name of the Conferences /seminars/ symposia/workshops	National / International	Online/ Offline	Details
2024	Three days FDP on Empowering Education with AI based Learning Concepts for Global Competence	International	Online	Holy Cross College, Trichy.
2024	One Day FDP on AI Tools for Research Publication and Reporting	National	Offline	Holy Cross College, Trichy.
2024	One Day FDP on Transformative Teaching Strategies and Innovative Research	International	Offline	Holy Cross College, Trichy.
2024	One Day Seminar on Futuristic Trends in Computational Sciences	International	Offline	Holy Cross College, Trichy.
2024	One Day Seminar on Mastering in Writing and Publishing articles in Scopus & Web of Science Journals	National	Offline	Holy Cross College, Trichy.
2024	One Day Seminar on Mechanics of Scholarly writing	National	Offline	Holy Cross College, Trichy.
2024	One Day Seminar on Integrating Artificial Intelligence for Cyber Security in the Digital Era	National	Offline	Holy Cross College, Trichy.
2023	FDP on MOOCS and E-Content Development	National	Online	Guru Angad Dev Teaching Learning Centre, Ministry of Education, Delhi
2023	FDP on Strategic Guidance for NTA NET in Computer Applications	National	Online	SRM Institute of Science and Technology, Chennai
2023	FDP on Open AI for Academicians	National	Online	St. Joseph's College, Trichy
2023	One Day FDP on Innovative Techniques in Artificial Intelligence and Deep Learning	International	Offline	Holy Cross College, Trichy
2023	One Day Seminar on Research Publications and Ethics	State	Offline	St. Joseph's College, Trichy
2022	Research Areas in Data Analytics and Security	International	Offline	Holy Cross College, Trichy

2022	Innovative Technologies and Cyber Security	International	Offline	Holy Cross College, Trichy
2022	One Day Virtual National Seminar on "Machine Learning and Artificial Intelligence in Pandemic Era	National	Online	Holy Cross College, Trichy
2022	National level Virtual Conference on Information and Computing Technologies	National	Online	Bishop Heber College, Trichy
2022	Two Day In-Service Faculty Workshop on "Python & R Programming"	State	Offline	Holy Cross College, Trichy
2022	Effective Online Search Techniques for Innovation in Research	State	Offline	St. Joseph's College, Trichy
2022	Seminar on Quality Parameters in Research	State	Offline	St. Joseph's College, Trichy

Resource Person:

Academic Year	Name of the Programme	Date	Details
2022	Training Session on the Topic "Math and Reasoning Tricks for Competitive Exams"	11.10.2022	Holy Cross College, Trichy

Outreach Activities:

Academic Year	Details
2023	Visiting Professor to the Department of Computer Application, Patna Women's College (Autonomous), Patna, Bihar from 27th January 2023 to 2nd February 2023.

E-contents developed:

S.No.	Title
1.	**Binary Search Tree**
2.	**Basic Logic Gates**
3.	**Threads and its Issues**
4.	**Deadlock**

Book Publication:

V. Amala Deepa (2024), **"Advanced Computing Technologies", ISBN NO.: 978-93-5762-297-4, Alpha International Publication.**

Journal / Articles Published:

1. V. Amala Deepa (2024). **A Survey on Heart Disease Prediction Using Machine Learning Techniques,** Communications in Computer and Information Science Applied Intelligence and Informatics, p. 243-254, https://doi.org/10.1007/978-3-031-68639-9-15.
2. V. Amala Deepa (2024). **Enhancing Data Quality for the Prediction of CardioVascular Disease using Machine Learning Algorithms by applying PoBa** (ICIDT), ISBN:978-93-5891-415-3.
3. V. Amala Deepa (2022). **Diabetic Prediction using Machine Learning Algorithms,** Journal of Multidimensional Research & Review, (Vol.3, Issue 1).
4. V. Amala Deepa (2022). **A Study on 5G Technology,** Perspectives of Smart and Innovative Technologies, ISBN:978-81-953467-6-9.
5. V. Amala Deepa (2020). **A Review on Hierarchical Clustering Algorithm,** Academia and Society, International Journal of Education and Society. (Vol.6, Number 1 & 2): ISSN:2393-9419.
6. V. Amala Deepa (2020). **A Comparative Study of Identifying Frequent Item Set Using Apriori and FP-Growth Algorithm,** (Vol.6, Number 1 & 2): ISSN:2393-9419.
7. V. Amala Deepa (2020). **A Study on K-NN and Naïve Bayes Classification Algorithm in Data Mining,** (Vol.6, Number 1 & 2): ISSN:2393-9419.
8. V. Amala Deepa (2017). **An Enhancement of Medical Interoperability Using IHE profile in Cloud Computing** (IJSRCSEIT), International Journal of Scientific Research in Computer Science, Engineering and Information Technology, (Vol.2, Issue 5): ISSN: 2456 3307.

Research activities – Papers Presented:

Academic Year	Name of the Conference	National / International	Details
2024	International Conference on the Impact of Disruptive Technologies	International	Paper Presented on the topic "Enhancing Data Quality for the Prediction of CardioVascular Disease using Machine Learning Algorithms by applying PoBa" St. Joseph's College, Trichy.
2023	International Conference on Futuristic Trends in Computational Sciences	International	Paper Presented on the topic "Smart Meter for Electrical Appliances Usage" Holy Cross College, Trichy.
2023	International Conference on Futuristic Trends in Computational Sciences	International	Paper Presented on the topic "Enhancing ATM Surveilling Security Tactic" Holy Cross College, Trichy.
2022	International Conference on Mathematical Methods And Computation	International	Paper Presented on the topic "A Survey on Heart Disease Prediction Using Machine Learning Techniques" Jamal Mohamed College, Trichy.

Technical Qualification:

S. No.	Degree / Diploma	Subject / Main
1.	TYPEWRITING	ENGLISH-LOWER AND HIGHER TAMIL-LOWER
2.	SHORTHAND	ENGLISH-LOWER

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