

## RESUME

**Dr. S. ARULSELVARANI,**

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### Summaries :

- 15 years of teaching experience in reputed colleges
- 8 years of research experience towards M.Phil and Ph.D programmes
- Research Advisor for M.Phil (CS) in Bharathidasan University, Trichy
- University rank holder in PG study.

### Personal Details:

Name : **Dr. S. ARULSELVARANI**

Date of Birth : 01-July-1979(40 years)

Religion : Hindu

Sex : Female

Marital status : Married

### Educational Qualifications:

S.NO	DEGREE	SUBJECT	YEAR OF PASSING	UNIVERSITY/INSTITUTION	% OF MARKS
1	Ph.D.	Computer Science	January, 2014	Mother Teresa Women's University, Kodaikanal.	-
2	M.Phil.	Computer Science	2003	Mother Teresa Women's University, Kodaikanal.	65
3	M.Sc.	Computer Science	2001	SengamalaThayaar Educational Trust Women's College, Mannargudi.	77.53
4	B.Sc.	Computer Science	1999	SengamalaThayaar Educational Trust Women's College, Mannargudi.	72.37

**Additional Qualifications:**

1. Completed online certificate course in "Introduction to Machine learning" conducted by SWAYAM-NPTEL, IIT Karagpur.

**Working Experience:**

S.No	Designation	Department and Institution	Role	Duration
1	Lecturer	Department of Computer Science, Nehru Memorial College, Puthinampatti, Trichy-6.	Teaching UG and PG courses	2001-2002
2	Guest Lecturer	Department of Computer Science, Govt. Arts College, Trichy-22	Teaching UG and PG courses	2004-2015
3	Assistant Professor	Department of Computer Science, S.T.E.T. Women's College, Mannargudi-16	Teaching UG and PG courses and Research Guidance for M.Phil students	2016-till date

**IT Skills:**

Programming Languages: C,C++, Java and R

Web programming tools: HTML

Packages : MS OFFICE

Database : Oracle

**Research Supervision:**

Programme Name	Completed	Under Supervision
M.Phil (Computer Science)	-	03

**Awards received:**

1. **University Rank** in M.Sc(CS) programme in Bharathidasan University, Trichy

**Area of Research interest:**E-Learning and Data Mining

**Area of Teaching interest:**DBMS, JAVA, ASP, OS, C, C++ and R Programming

**Member in Professional Bodies:**

- Life member in Indian Society for Technical Education, New Delhi

**Member in Academic Bodies:**

- Doctoral Committee(DC) member of Ph.D. Student in Govt. Arts College, Thuvakudi, Trichy

**Research Publications:**

Type	Title	Publication
Books	"Interactive Visual Basic 6.0"	Raja Publication, Trichy
	"Relational Database Management System :An Overview"	Raja Publication, Trichy
Journals:	"Trends and Implications for E-Learning Resource"	ETA-ETS-International Journal, Gujarat.
	"E-Learning for Simulating the Web server Functionality"	ARCS-International Journal, Gujarat.
	"E-Learning for simulating AJAX functionality"	IJARCS-International Journal, Gujarat.
	"An Effective E-Learning Architecture with Security Measures"	IJARCS-International Journal, Gujarat.
	"Probabilistic latent feature discovery model and Multi label content categorization in E_Learning Using r package"	IJARCS-International Journal, Gujarat.
	"Page Analysis of Land Use And Land Cover Changes Using GIS, Rs And Determination of Deforestation Factors Using Unsupervised Classification And Clustering"	IOSR-JAAG- International journal
	"An Efficient Methodology To Develop A Secured E-Learning System Using Cloud Computing Services"	IJMER –International journal

	"A Review on Smart Agriculture using Internet of Things (IOT) and Cloud Computing Techniques"	International Journal for Research in Engineering Application & Management (IJREAM)
	"An Intelligent Automatic Multi-Disease Prediction Technique using Data Mining Algorithms and Big Data"	International Journal of Computer Sciences and Engineering Open Access(IJCSE)
	"An Improvement of Sentiment Classification in Cloud Computing using Lexicon Based Dictionary Approach"	International Journal for Research in Engineering Application & Management (IJREAM)
Seminar/ Conference:	Efficient Memory Utilization through Normalization	National Level Seminar on "Emerging trends of mathematical techniques and their applications in computer science" at Shrimati Indira Gandhi College, Trichy.
	Immersive Vs Non-Immersive Virtual Reality	National Level conference on "Trends and Challenges in Research areas of Computer Science" at Presidency College, Chennai.
	Simulation of memory management in os for effective E-Learning	National Level conference on "Computer science and Communication Technology" at St. Joseph's College, Trichy.
	Emerging Sprit of E-Learning and E-Teaching	International conference on "Researching for transforming the society" at Mother Teresa women's University, Chennai.
	Trends and Implications for E-Learning Resource	National Level conference on

		<p>“Emerging Trends in Communication and Information Technology” at Holycross College, Trichy.</p>
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**Seminar/Conference/Workshop/FDP attended:**

1. Attended State Level conference on “Current trends in Research field of Computer Science” at Shrimati Indira Gandhi College, Trichy on 13.10.2006.
2. One day workshop on “ R& D Initiatives and Patent Rights” at Jayaram College of Engineering & Technology on 30.09.2009.
3. Attended one-Day workshop in “Effective Teaching through Computing Technologies” at Govt. Arts College, Trichy-22 on 26.9.2011.
4. Attended one-day seminar on “Research Trends in Information Technology” organized by Departments of Computer Science and Computer Applications, S.T.E.T. Women’s college, Sundarakottai, Mannargudi on 20-09-2017
5. Attended one-day seminar on “Data Mining with Machine Learning” organized by Departments of Computer Science and Computer Applications, S.T.E.T. Women’s college, Sundarakottai, Mannargudi on 29-01-2019.
6. Completed FDP programme on Machine Learning through SWAYAM-NPTELprogramme.

**References:**

**1. Dr. E. KIRUBAKARAN,**

(Formerly AGM, SSTP, BHEL, Trichy)

Professor,

Department of Computer Science and Engineering,

Karunya Institute of Technology and Sciences (Deemed University),

Coimbatore, Tamilnadu, India.

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**2. Dr. A. ADHISELVAM,**

Head, Departments of Computer Applications, S.T.E.T. Women’s college,

Sundarakottai, Mannargudi, Tamilnadu, India.

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I hereby declare that all the information given above are true and correct to the best of my knowledge and belief.

**Signature**

A handwritten signature in black ink, appearing to read 'S. Arulselvarani', is positioned above a solid pink horizontal bar.

**(Dr. S. ARULSELVARANI)**