FACULTY PROFILE

Name	Dr.Resmi V
Department	Computer science
Designation	Assistant professor
Organization	Mar Ivanios College Autonomous, Trivandrum
Core Discipline	Computer Applications
Specialization	Data Mining and Software Engineering
Areas of Interest	Machine Learning, Deep Learning, Data Mining and Software Engineering
Address	T.C. 22/167, Rohini, Opp: Indira Bhavan, Sasthamangalam P.O., Vellayambalam, Thiruvananthapuram-695010. Kerala.
Phone Number	9894815748 **Email id** resmi.v@mic.ac.in

PROFESSIONAL QUALIFICATIONS

Qualification	Specialization	Institution
PhD	**Computer Applications**	Anna University, Chennai.
MPhil	**Computer Science**	Alagappa University, KaraiKudi.
MCA	**Computer Applications**	Sri Sarada College for Women, Tirunelveli, (Affiliated to M.S University, Tirunelveli.)
BSc	**Physics**	Sree Ayyappa College for Women, Aloor, (Affiliated to M.S University, Tirunelveli.)

HISTORY OF EMPLOYMENT

	Level	Years of Service	Institution
	U.G	Since October 2021	Mar Ivanios College, Trivandrum.
		0.9	National College, Manacaud, Trivandrum.
	P.G	16.2	Sun College of Engineering And Technology, Erachakulam, Kanyakumari District.
		2.3	Udaya School of Engineering, Vellamodi, Kanyakumari District.
	Any Other	1	MM Infotech, Nagercoil

PROFESSIONAL RESPONSIBILITIES HELD

- Presently working as Assistant Professor in the Department of Computer Science, Mar Ivanios College, Trivandrum.

- Served as Head of the Department of Computer Applications in Sun College of Engineering and Technology, Sun Nagar for one year.

- Appointed as Anna University Representative (AUR) for conducting university theory examinations and External Examiner for university practical examinations.

- Organized personality development program for students of MCA.
- Produced 100% results many times.
- Conducted technical and aptitude sessions of placement training program for both UG and PG students.
- Coordinated various committees of college day programs and symposium.
- Supervised major projects of MCA students.

DOCTORAL COMMITTEE (DC) MEMBER

❖ Research scholar of M S University, Tirunelveli

PROGRAMS ORGANISED

❖ Webinar on "**An Introduction to Machine Learning and its Applications**" at Mar Ivanios College (Autonomous), Thiruvananthapuram.

❖ Aptitude Contest and Personality Development Program - **A Formula of Human Greatness** at Sun College of engineering and Technology, Erachakulam, Kanyakumari District (13/08/2011 and 17/08/2011).

SUBJECTS TAUGHT

Artificial Intelligence, Cyber Forensics, Data Mining and Data Warehousing, Object Oriented Programming Using C++, Software Project Management, Software Engineering, Object Oriented Analysis and Design, system software, Internet Programming, Data Structures, Problem Solving and Programming, DBMS, Computer Organization, Introduction to IT, Unix and Network Programming, Visual Programming .

RESEARCH PUBLICATIONS / JOURNAL

1. Resmi, V , Vijayalakshmi, S & Subash Chandrabose, R 2017, 'An Effective Software Project Effort Estimation System Using Optimal Firefly Algorithm', *Cluster Computing*, Springer Science+Business Media, LLC, part of Springer Nature, ISSN (Print):1386-7857|ISSN (online):1573-7543, Vol.22,Suppl. 5**,** DOI :10.1007/s10586-017-1388-0. pp. 11329–11338 (Impact Factor: 1.851)

2. Resmi, V, Vijayalakshmi,S 2016, 'Optimal Analogy based Fuzzy Classifier for Software Cost Estimation Using EM Algorithm', International Journal of Printing, Packaging & Allied Sciences, ISSN No.: 2320-4387, vol. 4, issue 5, pp. 2973-2982.

3. Resmi, V, Vijayalakshmi,S, 2019, 'Analogy based approaches to improve software project effort estimation accuracy', Journal of Intelligent Systems, The De Gruyter Group, ISSN No.:2191-026X, DOI : https://doi.org/10.1515/jisys-2019-0023, pp.1468–1479 . (Impact Factor : 0.533)

4. Resmi, V, Vijayalakshmi,S, 2019, 'Kernel fuzzy Clustering with Output Layer Self-Connection Recurrent Neural Networks for Software Cost Estimation', Journal of Circuits, Systems and Computers, World Scientific, ISSN (print):0218-1266| ISSN (online): 1793-6454, Vol. 29, No. 6 (2020) 2050091 (17 pages),https://doi.org/10.1142/S0218126620500917. (Impact Factor : 0.595)

RESEARCH PUBLICATIONS / CONFERENCES

1. Analysis on Video streaming with Time Synchronization" in the IV All India Conference by KAAS (Kanyakumari Academy of Arts and Sciences) at Scott Christian College, Nagercoil on Nov.30 and Dec. 1, 2007.

2. "Congestion Avoidance with Interconnected TCP/LP" in the First International Conference of the Research Forum of Women's Christian College, Nagercoil on July 15 and 16, 2009.

3. "Overview of data mining tools in the present scenario" in the 6th international conference on "Intelligent Science and Technology" organized by Sun College of Engineering and Technology, Sun Nagar on Feb.17 & Feb.18 of 2014.

4. "Efficient channel assignment for multi-hop cellular networks with minimum delay" in the international conference on Recent Trends in Engineering and Technology organized by CSI Institute of Technology on Mar. 13th and Mar. 14th of 2014.

5. "Estimating Effort in Software Development : A Review" in the International Conference on Engineering and Management organized by Narayanaguru College of Engineering on 17th and 18 th of March 2015.

FDP / WORKSHOP / SEMINAR / TRAINING PROGRAM / WEBINAR PARTICIPATED

1. Workshop on "E-Governance Standards" organized by Kerala State IT Mission, National Informatics Centre and Computer Society of India on E-Governance Standards at Mascot Hotel, Trivandrum on 15th May 2006.

2. Participated in the Training Program on "Instructional Design and Delivery Systems" of National Institute of Technical Teachers Training & Research organized by Sun College of Engineering and Technology, Sun Nagar from 13th to 15th September 2008.

3. UGC Sponsored National Level Seminar organized by Dept. of Economics of Women's Christian College, Nagercoil on July 24 and 25, 2009.

4. National Workshop on "Research issues in wireless networks" organized by Sun College of Engineering and Technology, Sun Nagar on 7th May 2011.

5. Workshop on "Advanced Research in NS2" organized by Sun College of Engineering and Technology, Sun Nagar on 16th July 2011.

6. Workshop on "Applications of Soft Computing Techniques in Information Retrieval and Knowledge Discovery" organized by Thiagarajar College of Engineering, Madurai on 10th April 2013 at.

7. Workshop on "Recent Trends and Research Challenges in Business Analytics and Optimization" organized by Thiagarajar College of Engineering, Madurai on 13th August 2013.

8. National level workshop on "Datamining and Weka" organized by St.Xavier's Catholic College of Engineering, Nagercoil on 17th October 2013.

9. National level workshop on "Knowledge Discovery using Weka" organized by St.Xavier's Catholic College of Engineering, Nagercoil on 7th and 8th November 2014 .

10. Workshop on "Stimulating Research Perspectives in Datamining" organized by Regional Office of Anna University, Tirunelveli on 13th March 2015.

11. Workshop on "Analytics Using BLUEMIX" organized by Thiagarajar College of Engineering, Madurai on 26th Feb. 2015.

12. Workshop on "Cognitive Cloud Computing" organized by Thiagarajar College of Engineering, Madurai on 13th Nov. 2015.

13. Webinar on "Data Analytics and Insight" on 5th May 2020 by Easwari Engineering College, Chennai.

14. Participated five days National Level Professional Development Program by Patrician College of Arts and Science, Chennai from 12-07-21 to 16-07-21.

15. Participated two days faculty development program on "RECENT TRENDS IN RESEARCH", organized by Department of Computer Science and Applications, College of Science and Humanities, SRM Institute of Science & Technology, Vadapalani, Chennai,, held on 09-02-2022 & 19-02-2022.

16. Attended five days online faculty development program on "RESEARCH METHODOLOGY AND DATA ANALYSIS", organized by Department of Computer Science and Department of Computer Applications, St.Joseph's College (Arts & Science) from 28-03-2022 to 01-04-2022.

JOURNAL REVIEWER

- Journal of The Institution of Engineers (India): Series B (IEIB) (Springer)
- Knowledge and Information Systems (Springer).

INVITED TAILKS

- ❖ Resource person and delivered a keynote address on "Recent Trends in Computing" in the National Technical Symposium, organized by Nanjil Catholic College of Arts and Science, Kaliakkavilai, Tamil Nadu.