RESUME

Dr. I.CAROL MCA., M.Phil., Ph.D., MBA.,

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Career Objectives

- ❖ To be a dynamic and enthusiastic **Professor cum Researcher** in the field of Computer Science and Applications

- ❖ To Design an **Innovative Frameworks and to write new Algorithm** for Web mining, Data mining, Machine Learning and Big Data Analytics

Educational Qualifications

2012-2016
Doctorate of Philosophy in Computer Science
Bharathidasan University, Tiruchirappalli.

2009-2010
Master of Philosophy in Computer Science
First Class with Distinction
St. Joseph's College (Autonomous), Tiruchirappalli.

2006-2009
Master of Computer Applications
First Class
St. Joseph's College (Autonomous), Tiruchirappalli.

Research and Teaching Experience

July 2016 – Till Date	**Assistant Professor,**
	Department of Information Technology,
	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002, Tamil Nadu, India.

June 2010 – April 2012   **Assistant Professor,**

Department of Computer Science,

St. Joseph's College (Autonomous), Tiruchirappalli – 620 002,
Tamil Nadu, India.

Project Guided

- Projects guided for BSC (CS), MSC (CS) ,BCA and MCA students

Curriculum Development

- Designed the **syllabus** for the following courses:
  - ➢ Python
  - ➢ Fundamentals of Programming
  - ➢ MANET
  - ➢ C#.Net
  - ➢ Digital Marketing

Research Experience

- **Research Areas** are Web Mining, Machine Learning, Analytics and Cloud Computing.

Awards

- Outstanding Performance award in MCA.
- "**Excellence Award for Best Faculty**" award from Spirituality and Education Intellectual Research Center, Chennai.

Special Talks/Presentation

- Delivered a Inaugural address about "**Industry 4.0**" at St Joseph's College, Trichy on 2nd December 2020.

- Delivered a special talk on "**Disruptive Technologies**", at St Joseph's College, Trichy on 10th December 2019.

- Conduct Workshop on **"Data mining"** at Jeyaram Engineering College, Trichy**.**

- Delivered a inaugural address about "**TechNet- Computer Science**" at National Seminar to be held on Hayagriva Arts and Science College, Dindugal on 09th August 2018.

Paper Publications

Journal Publications:

- I.Carol, "**Comparative Survey of Random Forest and Decision Tree in Predictive Analytic**" Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, pp. 367-378, Feb 2022.

- I.Carol, **"Survey on IOT Based Heart Attack Prediction"** International Journal of Advanced Research in Computer and Communication Engineering, Volume 9, pp. 161-164, Nov 2020.

- I.Carol and S. Britto Ramesh Kumar, **"Comparative Study of Conflict Identification and Resolution in Heterogeneous Data sources",** International conference on Computer Networks and Inventive Communication Technologies (ICCNCT - 2018), springer, (Accepted) , 2018(Scopus Indexed).

- I.Carol and S. Britto Ramesh Kumar, **"Data Fusion Using Conflict Identification Methods for Knowledge Mining Based Repository Creation",** *International Journal of Advanced Research In Computer And Communication Engineering,* Volume 5, Number 2, pp.436-441, February 2016.

- I.Carol and S. Britto Ramesh Kumar, "**Learning Behavior Analysis Using Data Mining Techniques",** *International Journal of Applied Engineering Research (Scopus Indexed),* Volume 10, Number 82, pp.532-537, December 2015.

- I.Carol and S. Britto Ramesh Kumar, "**Conflict Resolution and Duplicate Elimination in heterogeneous datasets using Unified Data Retrieval Techniques"** *Indian Journal of Science and Technology (Scopus Indexed),* Volume 8, Issue 22,Pages:1-6, September 2015.

- I.Carol and S. Britto Ramesh Kumar, "**Feedback Based Conflict Identification and Resolution using Duplicate Elimination and Ranking Techniques**", *International Journal Of Computers & Technology*, June 2015.

- I.Carol and S. Britto Ramesh Kumar, "**Conflict Identification and Resolution in Heterogeneous Datasets: A Comprehensive Survey**", *International Journal of Computer Applications (0975 – 8887), Volume 113 – No. 12, March 2015.*

- I.Carol and S. Britto Ramesh Kumar, "**Inconsistency Resolution and Joint Information Extraction from Multiple Data Sources***", International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Online):2278-1021, ISSN (Print): 2319-5940 Vol. 3, Issue 7, July 2014.*

- I.Carol and S. Britto Ramesh Kumar, "*A Cloud Model for Effective E-Learning* ",In: World Congress on Computing and Communication Technologies, Feb 2014.

- I.Carol, L.Arockiam and S.Charles, , "**Deriving Association between Urban and Rural Students Programming Skills**", *(IJCSE) International Journal on Computer Science and Engineering Vol. 02, No. 03, 2010, 687-690.*

- I. Carol and S. Britto Ramesh Kumar, "**Categorization of Metabolic Syndrome X Among Adults Using Learning Techniques**", *CiiT - International Journal of Data Mining and Knowledge Engineering, DOI: DMKE052013003, India, May 2013.*

International Conference Proceedings Publications:

- I.Carol and S. Britto Ramesh Kumar, "***Resolving Data Inconsistency in Data Integration***", *2014 International Conference on Contemporary Computing and Informatics (IC3I), 978-1-4799-6629-5/14, 2014* **IEEE**.

- I.Carol and S. Britto Ramesh Kumar, "**A Recommender System for Sweaty Sock Syndrome**", *CCSIT 2012, Part I, LNICST 84, pp. 90–96, 2012. © Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 2012 (**springer**).*

- I.Carol , "*A Survey on Web Mining*", In: Proceedings of the *International Conference on Recent Trends in Computer Applications", Hidustan College of Arts and Science College, Chennai, 27th & 28th September 2013.*

- I.Carol and C.lalitha, "**Determination of Metabolic disorder among adults using supervised learning techniques** ", In: Proceedings of the *International Conference on Emerging Trends in Information Technology (ICETIT)*, Dr.MGR Janaki Arts & Science College, Chennai, ISBN: 978-93-81899-21-2, pp. 50-54, 5th October 2012.

Patents - Received

- Tittle of Invention: **Machine Learning Based Fully Automated Brain Tumer Detection and Classification System**

Conference attended

- **National Conference on the Mobile Technologies, Big Data & Data Analytics**, Dept. of CS & IT, Sri Sai Bharath College of Arts and Science, 02 February 2018.
- **National Conference on the Mobile Technologies, Big Data & Data Analytics**, Srimad Andavan Arts and Science College, Trichy , 24th January 2018.
- **2nd World Conference on Computing and Communication Technologies**, IEEE, Trichy,02-04 February 2017.

- **International Conference on Contemporary Computing and Informatics (IC3I),** *IEEE*, Mysore, 27-29th November 2015.

- **World Congress on Computing and Communication Technologies,** Trichy, 27th February to 1st March 2014.

- **International Conference on Recent Trends in Computer Applications**, Hindustan College of Arts and Science College, Chennai, 27th & 28th September 2013.

- **International Conference on Emerging Trends in Information Technology (ICETIT),** Dr. MGR Janaki Arts & Science College, Chennai, 5th October 2012.

- **National Conference on Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST)**, Bangalore, 2- 4th January -2012.

International/National Workshops attended

- **Workshop on Cloud computing Analytics,** Organized by St.Joseph's College, Trichy
- **Workshop on Prof.S. T. Rajan Endowment workshop on REACT JS,** Organized by St.Joseph's College, Trichy
- **Workshop on Project Management and R Language,** Organized by St.Joseph's College, Trichy
- **Two Days Faculty Development Workshop Outcome,** Organized by Don Bosco College, Yelagiri Hills
- **Workshop on Internet of Things and its Applications**, Organized by St.Joseph's College, Trichy
- **Two-day Workshop on Data Mining Tools**, organized by jeyaram College of Engineering, Trichy.
- **One-day Workshop on Web Service Technology,** Organized by VIT Chennai Campus.
- **One-day Workshop on Research Methodology,** Organized by Bharathiyar University.
- **One-day Workshop on Research Methodology,** Organized by Bharathidasan University.

Languages

- For Good Spoken and Written: Tamil and English.

Personal Details

Date of birth	:	09/06/1985
Marital status	:	Married
Religion	:	Christian (Roman Catholic)

Permanent Address

25/12 A, Cauvery Nagar,

4th Cross, Woriyur,

Trichy- 620003.

I HEREBY DECLARE THAT THE STATEMENTS MADE BY ME ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(I. CAROL)