# RESUME

**Dr. D.RICHARD,** M.Sc., M.Phil., Ph.D.,

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**Email:** revanrichard@gmail.com

**Office:** 0431- 4226477

## Career Objectives

- ❖ To apply my dynamic and enthusiastic approach as an Assistant Professor cum Researcher with **16 years of experience** in the field of **Computer Science/Information Technology.**

- ❖ To design a novel approach for predicting heart attacks using **Machine Learning Techniques** and incorporating new ideas for **Data mining**.

## Educational Qualifications

- **Ph.D. in Computer Science** from **Bharathiar University**, Coimbatore, Tamil Nadu, India

- **Master of Philosophy** in **Computer Science with Distinction** from **PRIST University**, Thanjavur, Tamil Nadu, India

- **Master of Science** in **Computer Science with First Class** from **St. Joseph's College (Autonomous)**, Tiruchirappalli, Tamil Nadu, India."

## Teaching Experience

- **June 2009 - 2013**: Assistant Professor, **Department of Information Technology, St. Joseph's College (Autonomous),** Tiruchirappalli, Tamil Nadu, India.

- **June 2013 - 2016:** Assistant Professor, **Department of Information Technology & Management, Arul Aandhar College (Autonomous)**, Madurai, Tamil Nadu, India

- **Since June 2016:** Assistant Professor**, Department of Information Technology, St. Joseph's College (Autonomous)**, Tiruchirappalli, Tamil Nadu, India.

## Administrative Responsibilities

- Course Coordinator for **Value-Add Course on PC Troubleshooting** from 2021 to 2023 and 2024

- Hostel **Assistant Director** (2013-2016)

- **AICUF** Member (2013-2016).

- Involved in AAC work and **responsibilities across various committees** since 2013.

- Recipient of the **Best Organizer in Conference Award** since 2015

- Member of **Internal Audit** since 2023

- **Committee Member** for Prizes, Final Result Declaration, Sports Day, and Independence Day

## Board of Members

- **Board Member,** Department of IT & M, **Arul Anandhar College**, Madurai, 2022

- **Board Member**, Department of IT & M, **Arul Anandhar College**, Madurai, 2022

- **Board Member**, Department of IT & M, **Arul Anandhar College**, Madurai, 2024.

- **Board Member**, Department of English, **St. Joseph's College**, Trichy, 2024

## Project Guided

- Guided **more than 50 UG (BCA) students** in **major projects.**

- Guided **more than 70 PG (M.Sc. Computer Science)** students in **both mini and major** projects.

- Guided **more than 30 PG (M.Sc. Information Technology)** students in **both mini and major** projects.

## Curriculum Development

**Designed syllabus** for the **following courses**:
- MSc Computer Science
- M.Sc. Information Technology
- BCA
- PGDCSA

## Research Experience

- Research areas include **Machine Learning and Data Mining** with over **10 years of experience**.
- Serving as a **research advisor** for various **software companies**.

## Paper Reviewer

- Recognized for the **best review** in the Indian Journal of Science and Technology in 2023.
- Recognized for the **best review** in the Indian Journal of Science and Technology in 2024.

## Paper Publications

- D. Richard, Dr. Mala, A Comparative Study on Heart Attack Diseases, ROOTS International Journal of Multidisciplinary Researchers, ISSN No. Print: ISSN 2349-8684, February 2016.

- D. Richard, Dr. R. Mala, GI-ANFIS Approach for Envisage Heart Attack Disease Using Data Mining Techniques, IJIRAE, ISSN-2349-2163, March 2018.

- D. Richard, Dr. R. Mala, GR-ANFIS Data Mining Approach for Envisage Heart Attack Disease, WWJMRD International Journal UGC Approved Journal Impact Factor MJIF: 4.25, e-ISSN: 2454-6615, January 2018.

- D. Richard, Dr. R. Mala, Bootstrap Approach for Envisage Heart Attack Diseases Using Combine AD-BA Algorithm, IRJCS, ISSN -2393-9842, April 2018.

- D. Richard, Dr. R. Mala, Feature Selection Approach Using for Filtering on Prediction Algorithm, Journal of Emerging Technologies and Innovative Research, Print ISSN 2349-5162, May 2018.

- D.Richard,DATA MINING: PROBLEMS FACED IN RESEARCH PAPER,JETIR,e.ISSN: 2349-5162,2018

- Dr.D.Richard,Learning Techniques - Classification of Insulin-Dependent Diabetes Mellitus Among Adults Learning Techniques - Classification of Insulin-Dependent Diabetes Mellitus Among Adults, SSN (Online): Volume-3, Issue-2, February-2,2020

- Dr Richard, A Survey on Block chain Parameters and Challenges for Heart Disease, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 9, Issue 1, January 2020.

- Dr D.Richard,Survey on IOT Based Heart Attack Prediction, Internationals Journal of Advanced Research in Computer and Communication Engineering, Vol. 9, Issue 1, January 2020

- Dr.D.Richard,GI-ANFIS APPROACH FOR ENVISAGE COVID-19 VIRUS USING MACHINE LEARING ALGORITHM, quaderns journal, ISSN: 1138-5790, VOLUME 11 ISSUE 8, 2023

## Book Published

- AD_BA BOOTSTRAP APPROACH FOR ENVISAGE COVID-19 VIRUS USING MACHINE LEARING ALGORITHM, Raja Ram Mohan Roy: India, Dr D Richard, 978-93-94448-86-51,978-93-94448-86, 2024.

## Conference/Seminar Attended

- National Seminar on Effective e-Learning with Cloud Based Service and LMS, Dept. Of It & IQAC, St. Joseph`s College, 2015.

- Computational Intelligence, Dept. computer science and, IT and Computer Application,Sri Hayagreeva Arts and Science College, Dindigul,2016.

- Faculty Orientation Program on Value Education, St Joseph's College, Trichy, 2017.

- One day Zonal Level Seminar for YRC Program Officers of Bharathidasan University Area, Bharathidasan University,Trichy,2017

- Youth Red Cross, St Joseph's College,Trichy,2017

- Tuning Young Faulty Towards Effective Teaching, Christopher College Of Education Funded By United Board For Christian Higher Education, Chennai, 2018.

- Machine Learning Analytics,St.Joseph's College,Trichy,2019

- Green IoT,Dept of IT,St.Joseph's College,Trichy,2019

- The future with Artificial Intelligence ,Dept. of IT,St.Joseph's College,Trichy,2020

- Recent in Trends in Computer Science, Department of Computer Science and Information Technology, St. Joseph`s College, Trichy, 2020.

- Unleashing Machine Learning and Cloud Computing, PG Department of Computer Science, Holy Cross College,Trichy,2020

- Recent Trends in Cloud Computing, PG Department of Information Technology, Jamal Mohamed College, Trichy, 2020.

- Data Science for Software Engineering with a special focus on Maintance, Department of Computer Application, Cauvery College for Women, 2020.

- Current Trends in Software Engineering: Agile and Surum Overview, PG Department Computer Application, Bishop Heber College, Trichy, 2020.

- Current Trends in Software Engineering: Agile and devapps overviews, PG Department Computer Application, Bishop Heber College, Trichy, 2020.

- Research Insights on Internet of Things, Department of Computer Science, Kristu Jayanthi College, Bengaluru, 2020.
- Basis of Data Analytics, Information Technology and Computer Science, Kovai Kalaimagal College of Arts and Science, Coimbatore, 2020.
- Electric Vehicle Design, Hindustan Institute Technology and Science, Chennai, 2020.
- How ML Works For Opencv Applications, Government College of Engineering, Chennai, 2020.
- Application of Data Analytics in Data Science, G Research Department of Computer Science, National College of Trichy, 2020.
- Glimpse of Ethical Hacking, PSNA College of Information Technology, Dindugal, 2020.
- Cloud Native, PSNA College of Information Technology, Dindugal, 2020.
- Seminar Intellectual Property Rights? How to apply the patents, St. Joseph`s College,Trichy,2021
- Course Design Matrix, IQAC and Jostel, St. Joseph's College, Trichy, 2021.
- International Seminar on the Emerging Technical Revaluation, Dept. of Information Technology, St. Joseph`s College, Trichy, 2022.
- Orientation Program for the Teaching Facility, IQAC, St. Joseph's College, Trichy,2023
- Intricacies of Writing for Research Publication and Research, IQAC, St.Jospeh`s College, Trichy, 2023.

## International/National Workshops Attended

- Workshop On Internet Of Things And Its Applications, St. Joseph's College, Dept. of Information Technology,2017
- Endowment Workshop on Current Trends in Computer Science,St.Joseph's College,Trichy,2017
- Online Faculty Development on SAP, PG Department Computer Application and Information Technology, Jamal Mohamed College, Trichy, 2020.
- Workshop on Project Management and R Language, St. Joseph`s College, Trichy, 2021.
- Five Day Virtual Hands on Faculty Program , St. Joseph's College,Trichy,2023
- Virtual Hands on Faculty Development Programs.St. Joseph's College, Trichy, 2023.

- Cloud Analytics and Hadoop, St.Jospeh's College, Trichy, 2023.
- Mastering AWS Cloud,St.Joseph's College,Trichy,2024

## International/National Workshops, Seminar, Conference Organized

- Second World Congress on Computing and Communication Technologies, Dept. of CS & IT, St. Joseph's College, 2017
- Three day FDP on Embracing Digital Education, St. Joseph`s College, Trichy, 2021.
- Webinar - Artificial Intelligence & IT Application, St, Joseph's College, Trichy, 2021.
- One month Faculty Orientation Programme on Value Education, St Joseph's College, Trichy, 2024.

## Personal Details

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|---|---|---|
| Father's Name | : | A.P.Deva Sagayam |
| Mother's Name | : | D.Fathima Mary |
| Date of birth | : | 15/06/1983 |
| Marital status | : | Married |
| Address (Office) | : | Assistant Professor |
| | | Dept. of Information Technology, |
| | | St Joseph's College, Trichy, Tamil Nadu, India |
| Address (Home) | : | No: 82, Annai nagar, 4th Cross, Palakari, |
| | | Trichy, Tamil Nadu, India. |

I hereby declare that the information provided by me in this resume is true, accurate, and complete to the best of my knowledge and belief.

**(Dr D.Richard)**