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<b>Education</b>	<ol style="list-style-type: none"> <li>1. Completed <b>Ph.D.</b> in 15 September 1997 with the thesis title "<b>Contributions to the study of Design and Analysis of Suspension System and some other Sampling Plans</b>" in Bharathiar University, Coimbatore, Tamil Nadu.</li> <li>2. Completed <b>M.Phil.</b> in May 1989 with the thesis title "<b>Sampling Inspection Plans Indexed by Inflection Point – A Review</b>" in Bharathiar University, Coimbatore, Tamil Nadu.</li> <li>3. Completed <b>M.Sc.</b> during the period 1986 to 1988 in PSG College of Arts and Science, Coimbatore, Tamil Nadu.</li> <li>4. Completed <b>B.Sc.</b> during the period 1983 to 1986 in Avinashilingam Home Science College for Women, Coimbatore, Tamil Nadu.</li> </ol>
<b>Work Experience</b>	<ol style="list-style-type: none"> <li>1. Presently working as Assistant Professor in the Department of Statistics, St. Joseph's College, Trichy from 20 June 2013.</li> <li>2. Worked as Lecturer in the Department of Statistics, St. Joseph's College, Trichy, from January 2004 to August 2004.</li> </ol>
<b>Activities in the Department</b>	<ol style="list-style-type: none"> <li>1. MQC member – June 2013 – April 2017.</li> <li>2. DBT Star College Program Coordinator – November 2015 to April 2018. Conducted 12 Certificate Courses and 5 Workshops on Data Analytics.</li> <li>3. Head of the Department of Statistics for the period 2018 – 2023.</li> </ol>
<b>Papers Published</b>	<ol style="list-style-type: none"> <li>1. "Confidence Interval for Reliability <math>R = P(X &lt; Y)</math> of the Rayleigh Distribution", (2024), Advances and Applications in Statistics, Vol. No. 91, PP: 843-853, ISSN No. 00972-3617, Impact Factor: 0.1</li> <li>2. "Systematic Review of the Efficacy of Metformin in Diabetes Mellitus Patients - Meta Analysis", RESEARCH REVIEW International Journal of Multidisciplinary January-2019 www.rrjournals.com, Vol, 04, pp. 317-320, ISSN No. 2455-3085. Impact Factor: 5.214</li> </ol>

	<ol style="list-style-type: none"> <li>3. "Survival Modeling and Analysis for Time to Failures of Aircraft Glass"(2019), Int. J. Sci. Res. in Mathematical and Statistical Sciences. Vol: 6(2), PP: 252-257, ISSN: 2348-4519, Impact Factor: 1.601</li> <li>4. "Forecasting the prices of petrol and diesel in Samayapuram taluk of Thiruchirappalli District, using Box-Jenkins Univariate ARIMA Approach" 2018 IJRAR August 2018, Volume 5, Issue 3 www.ijrar.org (E-ISSN 2348-1269, P- ISSN 2349-5138).</li> <li>5. "Forecasting with Autoregressive model for the rainfall modelling of Madurai District" 2017-2018, volume XXXVIII, Peninsular Economist (ISSN: 0967-8270), pp.356-360.</li> <li>6. "Forecasting for the Potato production in India using Arima Models", International Journal of Advance Research in Computer Sciences and Management Studies, Vol.6, pp.63-72, ISSN:2321-7782, 2018.</li> <li>7. "Autoregressive Modeling for Trend Fitting and Forecasting For the Gold Price Rate", IOSR Journal of Mathematics (IOSR-JM), Vol.13, Issue: 1, pp.67-75, ISSN:2278-5736, 2017.</li> <li>8. "A statistical study on life expectancy at birth for children in India" International Journal of Latest Engineering Research and Applications. Vol No.02, Issue-08, pp.143-162, ISSN:2455-7137, 2017.</li> <li>9. 'A study on the Autoregressive Model and Forecasting for the birth rate in India', RETELL. Vol. No.18, pp.106-116, ISSN:0, 2017.</li> <li>10. "Selection of Repetitive Deferred Sampling Plans", Indian Association for Productivity, Quality and Reliability (IAPQR) Transactions, Vol.19, No.2. 1994.</li> <li>11. "Some Doctoral Dissertations on Acceptance Sampling in the USA", A Historical Review (1939-1972), Economic Quality Control, Journal and Newspaper for Quality and reliability, Vol.8, No.2, pp.117-131, 1993.</li> <li>12. "Some Doctoral Dissertations on Acceptance Sampling in India", A Review Economic Quality Control, Journal and Newspaper for Quality and Reliability, Vol.8, No.3, pp.155-165, 1993.</li> <li>13. "Selection of Single Sampling Variables Plan based on the Minimum Angle", Journal of Applied Statistics, Volume 24, No.2, 1997, pp.207-217, 1992.</li> </ol>
<p><b>Conferences, Seminars and Workshops conducted</b></p>	<ol style="list-style-type: none"> <li>1. Title: National Conference on Statistics opportunities and challenges in Multidisciplinary Research, St. Joseph's College, 14-12-2018, Convenor.</li> </ol>

<p><b>Conferences, Seminars and Workshops attended</b></p>	<ol style="list-style-type: none"> <li>2. Title: National Conference on Management, Economics &amp; Social Science, Department of Business Administration, St.Joseph's College, 20.02.2018.</li> <li>3. Title: Recent Trends in Stochastic Modeling and its Applications, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, 18.01.2018.</li> <li>4. Title: XXXVIII Annual Conference of Association of Economists of Tamil Nadu, Department of Economics, Mannar Thirumalai Naicker College, Madurai, 28.10.2017.</li> <li>5. Title: R - STAT - 2K17, PG Department of Actuarial Science, Bishop Heber College, Trichy, 20.02.2017.</li> <li>6. Title: Theory and Applications of Statistics and Information Sciences, Department of Statistics, Bharathiar University, Coimbatore, 05.01.2017.</li> <li>7. Title: R Software For Statistical Computing In Research, Department of Mathematics, Thiagarajar College of Engineering, Madurai, 11.11.2016.</li> <li>8. Title: National Conference on Higher Education in the Knowledge Age: Techno-Pedagogical Perspectives and Innovations, Internal Quality Assurance Cell of St.Joseph's College and Department of Educational Technology, BDU, Trichy, 24.02.2016.</li> <li>9. Title: Data analysis for research applications, Department of Management Studies, Pondicherry University, Pondicherry, 16.10.2015.</li> <li>10. Title: Training programme in "Basic Skills in Counselling", Counseling Centre, St.Joseph's College, Trichy, 25.08.2015.</li> <li>11. Title: Capacity building workshop for Faculty on e-content development, St.Joseph's College, Trichy, 09.06.2015.</li> <li>12. Title: Staff orientation on Computer Literacy, Department of Foundation Course, St.Joseph's college, Trichy, 28.10.2014.</li> <li>13. Title: Tables of Suspension System with Repetitive Group Sampling (RGS) Plan as Reference Plan, Presented in the National Seminar for Quality and Reliability, conducted by Indian Association for Quality and Reliability at Trivandrum, on January 27-28, 1993, Bulletin of the Allahabad Mathematical Society Volume 8-9 (1993-94), pp.91-110 (published: June 1997) – ISSN 0971-0493.</li> </ol>
<p><b>Professional Enrichment</b></p>	<ol style="list-style-type: none"> <li>1. 90<sup>th</sup> Orientation Programme, UGC-HRDC-Bharathidasan University, Tiruchirappalli, from 13.11.2015 to 10.12.2015.</li> <li>2. Refresher course in Applied Mathematics and Statistics, UGC- HRDC - Bharathiar University, Coimbatore, 05.07.2017 to 25.07.2017.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Refresher Course in Mathematics and Statistics, UGC- HRDC - Bharathiar University, Coimbatore, from 18.11.2020 to 01.12.2020</li> <li>4. Refresher Course in Mathematics and Statistics(Pure &amp; Applied), UGC- HRDC- Gauhati University, Gauhati (Assam), from 24.01.2022 to 07.02.2022</li> <li>5. Refresher Course in Mathematics and Statistics, UGC- HRDC - Bharathiar University, Coimbatore, from 17.08.2023 to 30.08.2023</li> </ol>
<p><b>Resource Person</b></p>	<ol style="list-style-type: none"> <li>1. Title: SPSS in Social Science Research, Workshop on Research Methodology, Research Scholars of Various Colleges, 23.02.2018.</li> <li>2. Title: Data Analytics Through SPSS, Regional Workshop, Research Scholars of Various Colleges, 09.10.2017.</li> <li>3. Title: Data Analytics Through SPSS, DBT - STAR College Short term Training Course, B.Stat Students, 29.11.2016.</li> <li>4. Title: Statistical Inference, State Level Workshop on Statistical Packages, M.Phil Scholars of our college and other colleges, 23.01.2015.</li> <li>5. Title: Statistical Inference, Regional workshop, M.Phil and Research Scholars, 09.10.2014.</li> <li>6. Title: Statistical Inference, Regional Workshop on Statistical packages, Staff/Research Scholars of the University area, 07.03.2014.</li> <li>7. Title: Statistical Inference, Regional Workshop, M.Phil scholars of St.Joseph's College, 18.10.2013.</li> </ol>
<p><b>Research Guidance</b></p>	<p>Guided 6 M.Phil. Scholars.</p> <p>Ph. D awarded to</p> <ol style="list-style-type: none"> <li>1. Mrs.P.Rajalakshmi (Full Time) Topic: Modeling and forecasting of data related to real life situations in India using ARIMA models.</li> </ol> <p>Guiding the following 3 Doctoral Research Scholars.</p> <ol style="list-style-type: none"> <li>1. Mr.J.Vijay Anto (Part Time) Topic:Applications of Acceptance Sampling and Stochastic Modeling in Reliability concepts.</li> <li>2. Ms.Albi Elizabeth (Full Time) Topic: Small sample confidence intervals for the Reliability in ContinuousDistributions.</li> </ol>

	3. Mrs.Vemula Anusha (Part Time) Topic:Practical Applications of Acceptance sampling plans.
<b>Personal</b>	Gender : Female Religion : Christian (Roman Catholic) Nationality : Indian Date of Birth : 25.05.1966 Husbands' Name : M. Edward George Known Languages : Tamil, English & Hindi

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