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## **SPECIALIZATION**

Operations Research, Design of Experiments, Econometrics

### **I. PUBLICATIONS OF RESEARCH PAPERS**

- ◆ The Application of Generalized Linear Regression model cope with the types of vehicles in Road accidents, International journal of Recent Research and Applied studies, Volume: 4, Issue: 3(1); PP: 1-10; ISSN No. 2349-4891; Impact factor: 4.665, 2017.
- ◆ Road Traffic Accidents Nexus on young community – A five-year case study on Tiruchirappalli District Tamilnadu, Statistical Approaches in Multidisciplinary Research, Vol-1, PP:145-152, ISBN: 978-93-86537-29-4, 2017.
- ◆ Assessment of pollution indicators and Antibiotic Resistant strain in contaminated in canned juice, Statistical Approaches in Multidisciplinary Research, Vol-1, PP:120-128, ISBN: 978-93-86537-29-4, 2017.
- ◆ Exploring the relationship between human and vehicle population – It's perspective study in road accidents, International Journal of Mathematics and Computer Application Research, Volume: 6, Issue: 5; PP: 23-33; ISSN No. 2249-6955, Impact factor: 4.8729, 2016.
- ◆ The Effect of Month-wise Seasonal Instability of Road accidents – A case study of Tiruchirappalli District, International Journal of Mathematics and Computer Application Research, Volume: 1, Issue: 5; PP: 171-177; ISSN No. 2395-1885; Impact factor:3.567, 2016.
- ◆ Forecasting Exponential Growth of Road Accidents: A Special Emphasize on Mortality Rates in Tiruchirappalli District, International Journal of Applied Mathematics & Statistical Sciences, Volume: 5; Issue: 2; PP: 7-14; ISSN No. 2319-3972; Impact factor:2.0346, 2016.
- ◆ A Study of Computer awareness and attitude among the UG students in Perambalur District, RETELL Journal, Volume: 13, Issue: 1; PP: 65-69; ISSN No. 9073-404X, 2012.

## II. PUBLICATIONS OF BOOKS:

Book title	Publisher	Edition	ISBN	Year
Statistical Approaches in Multidisciplinary Research	Shanlax Publication	1	978-93-86537-29-4	2017

## III. SEMINAR (S)/CONFERENCE (C)/WORKSHOPS (WS) ATTENDED- NATIONAL -N, INTERNATIONAL-I:

Title	Type	Organization	Place	Days	Date
Recent Trends in Pure and Applied Mathematics	N(C)	J.J. College of Arts and Sciences,	Pudukkottai Tamil Nadu	2	11,12/09/2018
Recent trends in mathematical, computational techniques and its applications	N(C)	Thanthai Hans Roever College(THRC)	Perambalur, Tamil Nadu.	1	07/02/2018
Latex - A Type of setting tools	N(WS)	Thanthai Hans Roever College(THRC)	Perambalur, Tamil Nadu.	1	07/02/2018
Relevance of Mathematics in Scientific Computing and Engineering Discipline	N(WS)	B. S. Abdur Rahman Crescent University,	Chennai, Tamil Nadu.	2	12,13/05/2017
Recent Trends in Mathematics	N(S)	Dhanalakshmi College of Arts and Sciences for Women	Perambalur, Tamil Nadu.	1	26/02/2016
Art of Doing Good Research and Publishing	I(W)	Bharathidasan University	Trichy, Tamil Nadu.	1	04/07/2015
Current Trends in Mathematics and Statistics	N(S)	Dhanalakshmi College of Arts and Sciences for Women	Perambalur, Tamil Nadu.	1	25/02/2015
Recent Trends in pure & applied mathematics	N(C)	Bon secures College of Women	Thanjavur, Tamil Nadu.	2	23,24/02/2015
New techniques and technology in Industry, Environment and Health statistics	N(S)	Justice Basheer Ahmed Sayeed College for Women	Chennai, Tamil Nadu	1	23/01/2015
Mathematical analysis	N(S)	ISI and Ramanujan Mathematical society & National College	Trichy, Tamil Nadu.	1	09/12/2014
Advanced Data analysis & Structural equation modeling	N(WS)	VIT Business School	Vellore, Tamil Nadu	3	15,16,17/08/2014

Modern trends in Mathematics	N(S)	Rabiammal Ahamed Maideen College for Women	Tiruvarur, Tamil Nadu	2	28/02& 01/03/2014
Emerging trends in mathematical and statistical modeling	N(C)	PGP college of Arts and Science	Namakkal, Tamil Nadu	1	28/02/2014
Emerging trends in commerce – An edge	N(S)	St. Joseph's Degree & PG college	Hyderabad, Teluguna	1	19/12/2013
Quantitative methods in research application and data analysis	N(WS)	LISSTAR, Loyola College	Chennai, Tamil Nadu	3	12,13,14/08/2013
Research methods using SPSS	N(WS)	Hallmark Business School	Trichy, Tamil Nadu.	3	07,08/01/2011
Role of YRC officers of Arts and science colleges	N(S)	Bharathidasan University	Trichy, Tamil Nadu.	1	13/07/2009

#### IV. SEMINAR / CONFERENCE / WORKSHOP ORGANIZED:

- ◆ Organised National Conference on Statistical Opportunities and Challenges in Multi-Disciplinary Research (STAT@SJC–2018) on 14<sup>th</sup> December 2018.
- ◆ Organised National Conference on Role and Application of Statistics in Multidisciplinary Research (STAT@MDR-2016) on 07<sup>th</sup> October 2016.
- ◆ Organised National Workshop on Research Methods and Data Analysis using SPSS (RMDA-2016) on 18<sup>th</sup> March 2016.

#### V. RESOURCE PERSON:

Type of Programme	Title	Beneficiaries	Days	Date
National Conference	Role and Application of Statistics in Multidisciplinary Research	THRC- UG, PG and Research Scholars	1	07/10/2016
National Workshop	Research Methods and Data Analysis using SPSS	THRC- UG, PG and Research Scholars	1	18/03/2016
Seminar	The Application of Mathematics in Real life	Sri Lakshmi College of Arts & Sciences - UG	1	04/08/2015
Guest Lecture	Statistical applications in Medical Research	Roever College of Nursing - UG	1	08/02/2014
Technical Symposium	MATREC'14	Roever Engineering College - UG	1	24/08/2013

**VI. RESEARCH PROJECTS: National (N) / International (I); Completed (C) / Ongoing (O)**

<b>Title of the project</b>	<b>Type</b>	<b>Status</b>	<b>Funding Agency</b>	<b>Duration</b>
Advanced Probabilistic models in Road accidents in Tiruchirappalli District, Southern India	N	C	MRP-SERO/UGC, Hyderabad	2012-2014

**VII. ACHIEVEMENTS****Awards (A)/Recognition (R) at National (N)/ International (I)**

<b>Award Name</b>	<b>Type</b>	<b>Organization name</b>	<b>Date</b>
Best Research Paper Award	I (A)	Trans Steller International Journal	October 2016
Best Teacher Award	R	Thanthai Hans Roever College (THRC), Perambalur	05/09/2014