



Name: DR. Mrs K.PRASANNA LAKSHMI

Qualification: M.Sc., M. Phil., Ph.D

Designation: Head of the Department & Assistant Professor.

Years of Experience: UG: 18 Years 9 months PG: 12 Years

Areas Of Specialization: Operations Research, Mathematical Statistics, Algebra, Calculus of Finite Differences.

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WORKSHOPS

S.no.	Organized by	State/National	Topic	Date(s)
1	Ethiraj College for Women(Autonomous)	State	Environment Sensitization and Disaster Management	21/01/2006
2	Joseph Engineering College	State	Graph – A String that lets across AIN Disciplines	01/07/2007
3	Ethiraj College for Women(Autonomous)	State	Young Adult Counseling	15/04/2011
4	Ethiraj College for Women(Autonomous)	State	Innovative Research Methodology	03/10/2013
5	Ethiraj College for Women(Autonomous)	National	A Research Perspective	06//03/2014
6.	Ethiraj College for Women(Autonomous)	State	Scientific Computing using R-Software	11/01/2016
7.	Ethiraj College for Women(Autonomous)	State	Academic and Research 2017	01/02/2017
8.	Ethiraj College for Women(Autonomous)		Performance Enhancement	09/03/2017
9.	Kumara Rani Meena Muthiah College of Arts and Science		UGC Net/Set	05/04/2017
10.	Ethiraj College for Women(Autonomous)	State	Work Life Balance	22/08/2017
11.	Ethiraj College for Women(Autonomous)	State	Exploring Encryption Techniques using Graph Theory	28/09/2018
12.	Ethiraj College for Women(Autonomous)	State	Programming with Python	30/08/2018
13.	Ethiraj College for Women(Autonomous)	State	Formal Languages and Automata Theory- A Mathematical Approach	06/09/2019

14.	Ethiraj College for Women(Autonomous)	National	Learning Management System and Open Educational Resources: A Student –Centric Approach	25/01/2020
15	Ethiraj College for Women	International	Optimization Techniques	11/08/2022 & 12/08/2022

CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/ Presented	Title	Date(s)
1.	Ethiraj College for Women(Autonomous)	National	Presented	E-Governance	03/02/2006 04/02/2006
2.	Dr. M.G.R.Janaki Collge	International	Participated	Research Trends in Applications of Mathematics	29/01/2010 30/01/2010
3.	VIT University	International	Presented	Mathematical Computer Engineering	29/11/2013 30/11/2013
4.	AlagappaUniversity, Karaikudi	International	Presented	Two Server Markovian Inventory Systems with Server Interruptions Heterogeneous Vs Homogeneous Servers	February 2017
5.	Ethiraj College for Women(Autonomous)	National	Participated	Emerging Trends in Mathematics	12/12/2017 13/12/2017
6	RIASM, Chennai	National	Presented	Markovian QueuingInventory system with Two stage working Vacations	06/03/2018 08/03/2018

JOURNAL PUBLICATIONS

S.NO	JOURNAL NAME	UGC /SCI/SCIE /WOS	ISBN / ISSN NUMBER	DATE OF PUBLICATION/DOI
1. (a)	An Optimal Policy Inventory Model with Size Lot Size Dependant Holding Cost and Shortage- Transstella		2249-6955	April 2014
1. (b)	Inventory Model for Deteriorating Items with Stock Dependent Demand under the Effect of Inflation and Trade Credit Period		2250-1797	September 2016
1. (c)	Markovian Queueing Inventory System with two stage working vacations	UGC	2051-2929	04/12/2018
2	AStochastic Inventory Model with Two Queues and A Flexible Server		2349 – 5103	24/01/2019
3	Two server Markovian inventory systems with server interruptions: Heterogeneous vs. homogeneous servers	UGC	0378-4754	January 2019
4	A Queueing Inventory System with Server Working BreakDown	UGC	2278-3075	October 2019
5	A Queuing Inventory Model with two kinds of Customers and server Working Breakdown	UGC	0886-9367	November 2019

FAULTY DEVELOPMENT PROGRAMME

S.No	Date From	Date To	Level	Title of the Program	Name of the Hosting Institution
1.	21/07/2012	22/07/2012	State	Research Paper Writing and Publications	Saveetha Engineering College
2.	14/09/2019		State	Research, Innovation and Creativity	Ethiraj College for Women(Autonomous)
3.	04/05/2020		National	R-Training	IIT Bombay
4.	24/06/2020		National	Open Source Learning Platform- Moodle	Ethiraj College for Women(Autonomous)
5.	20/07/2020	24/07/2020	State	Recasting from Onsite to Online Pedagogy	Krishnaswamy College for Women
6.	14/11/2022	20/11/2022	National	Academic Research Writing FDP-72B	Ramanujan College

WEBINARS

S.No	Date	Level	Title of the Program	Name of the Hosting Institution
1	01/06/2020	State	Post Covid-Opportunities And Options	Ethiraj College for Women(Autonomous)
2	09/06/2020	State	Python Programming For Industrial Applications	Ethiraj College for Women(Autonomous)
3	17/06/2020	State	Introduction To Java Programming	Ethiraj College for Women(Autonomous)
4	20/03/2021	State	Tips &Tricks To Crack Competitive Examinations	Ethiraj College for Women(Autonomous)
5	29/03/2021	State	Emerging Technologies In Artificial Intelligence	Ethiraj College for Women(Autonomous)
6	13/05/2021	State	Applications Of Difference And Differential Equations In Communication Technology	Ethiraj College for Women(Autonomous)
7	10/11/2021	State	Verbal Ability	Ethiraj College for Women(Autonomous)
8	25/11/2021	State	Cloud Computing 101	Ethiraj College for Women(Autonomous)
9	24/12/2021	State	The Evolution of Cryptography Through Number Theory	Ethiraj College for Women(Autonomous)
10	29/12/2021	State	Analysis On Metric Spaces	Ethiraj College for Women(Autonomous)
11	03/03/2022	State	Recent Research Trends in Image and Video Processing	Ethiraj College for Women(Autonomous)
12	21/05/2022	State	Number Theory and its Applications	Ethiraj College for Women(Autonomous)
13	04/06/2022	State	Real Time Applications of Optimization Problems	Ethiraj College for Women(Autonomous)
14	18/01/2023	International	Telecommunications and Networking	Ethiraj College for Women(Autonomous)