

**Faculty- Profile**

**Name of the Department** :Mathematics

**:G.PADMA KARTHIYAYINI**

**Present Designation** :Assistant Professor

: Department of Mathematics,  
Wavoo Wajeeha Women's College,  
Kayalpatnam,  
Thiruchendur Road.

**Residential Address**

**Contact Nos.** Landline/Mobile :  
Email : padmakarthiyayini.g@wavoowajeehacolleg

**Gender** :Female

**Community** :OC

**Date of Birth and Age** :03.04.1984 and 39 years

**Date of Joining the present post** : 16.06.2016

**Date of Retirement** : 16.06.2044

**Scale of pay** :

**Particulars of Educational Qualifications:**

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades secured	Class obtained
UG	B.Sc.	Mathematics	2005	Govindammal Aditanar College For Women, Tiruchendur	Manonmaniam Sundaranar University	86%	First
PG	M.Sc.	Mathematics	2007	Aditanar College of Arts and Science, Tiruchendur	Manonmaniam Sundaranar University	73%	First
	M.Phil	Mathematics	2008	A.P.C.Mahalaxmi college of Art's and Science, Thoothukudi	Manonmaniam Sundaranar University	75%	First
Ph.D.		Mathematical Analysis of optimization Models and their Application	Pursuing	Govindammal Aditanar College For Women, Tiruchendur	Manonmaniam Sundaranar University		

**Academic Experience:**

Name of the College	Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Wavoo Wajeeha Women’s college of Arts and Science	Self financing	Assistant Professor	02.08.2010	28.10.2010		2	26
Wavoo Wajeeha Women’s college of Arts and Science			16.06.2016	TILL DATE	7	0	27
Total					7	3	23

**Paper Published in Journals (Referred/Non-Referred)**

S.No	Title of the Paper	Level (National/ International / State/ Regional)	Journal with Issue No, Page No, Vol.No, ISSN & Impact factor	Date (dd-mm-yyyy)	Citation/ Scopus index/ Web of Science
1	An Inventive Method For Solving Fully Interval Transportation Problem	National conference	Special Issue NCPAM Sep 2019,ISSN:2231-5373 Pg.No:50-57		
2	An innovative method to solve transportation problem based on a statistical tool	International conference	ISSN:1857-8365(printed);1857-8438(electronic) no.5, 2533-2539		Scopus
3	A Modern Approach For Finding Minimization Cost In Transportation Problem	International conference	Vol.12 No.IS(2021),319-322		
4	A New and Efficient Proposition to find an Initial Basic Feasible Solution of Transportation Problem	National conference	e-ISSN 2320-7876, Vol.11 Issue 12,2022 P.No:3008-3010		UGC care list

### Papers Presented in Conference/Seminar

<b>S.No</b>	<b>Title of the Paper</b>	<b>Level (National/ International/ State/ Regional)</b>	<b>Proceedings Name with Issue No ,PageNo,Vol.No ISSN</b>	<b>Date (dd-mm- yyyy)</b>
1	An Inventive Method for solving Fully Interval Transportation Problem	National conference		25.09.2019
2	An Innovative Method To Solve Transportation Problem Based on a Statistical Tool	International conference		20.01.2020 and 21.01.2020
3	A Modern Approach For Finding Minimization Cost in Transportation Problem	International conference		18.12.2020 and 19.12.2020
4	A New Approach for finding Minimization cost in Transportation Problem- an Algorithm by using python language	International Conference		23.09.2021 and 24.09.2021
5	An Algorithmic Approach to find minimum Cost in Transportation Problem by Using Min-Range Method	International conference		29.10.2021 And 30.10. 2021
6	An Algorithmic Approach to find minimum Cost in Transportation Problem by Using the Half width-Value Method	International conference	ISBN:978-81-948552-93	04.02.2022
7	An Efficient Method to Solve Transportation Problem for Finding Initial Basic Feasible Solution	National Conference	ISBN:978-93-84734-75-6	13.10.2022 and 14.10.2022
8	A Modern Algorithmic Approach to Find Initial Basic Feasible Solution of a Transportaion Problem	International Conference		28.10.2022 and 29.10.2022
9	A Substitute Method to find an Initial Basic Feasible Solution of a Transportation Problem	International Conference		21.12.2022 and 22.12.2022.
10	A New Approach to Determine the Initial Basic Feasible Solution by Using SDP Method	National Conference	ISBN:978-93-94293-01-4	29.10.2022 and 30.10. 2022
11	An Advanced Method to Find Optimal Solution for Fully Interval Integer Transportation Problem	National Conference		27.01. 2023
12	A New Heuristic Approach for Finding Initial Basic Feasible Solution of a Transportation Problem	International Conference		29.03.2023

**Faculty Development Programme  
Refresher/Orientation/Short Term Courses**

<b>S.No</b>	<b>Faculty Development Programme Refresher / Orientation / Short Term Courses</b>	<b>Title of the Programme</b>	<b>Type(National/ International/ State/Regional)</b>	<b>Organizer</b>	<b>Venue &amp; Duration (From Date - To Date)</b>
1	FDP	<b>Innovative Approach in Mathematics-Lecture series I</b>	National	Department of Mathematics	SreeSaras wathi Thyagaraja College, Pollachi 30.04.2020 to 01.05.2020
2	FDP	<b>Mathematical Modelling for Science and Technology</b>	National	PG & Research Department of Mathematics	Cauvery College For Women(Autonomous), Trichy 02.05.2020
3	FDP	<b>Machine learning and Artificial intelligence</b>	National	Department of CSE and IT	Andhra Loyola Institute of Engineering & Technology, Andhra Pradesh 04.05.2020 to 06.05.2020
4	FDP	Faculty Awareness Program on NAAC Accreditation	National	RD's Shri Chhatrapati Shivaji College of Engineering,	Shri Chhatrapati Shivaji College of Engineering, Pune, Maharashtra 10.05.2020 to 15.05.2020
5	FDP	<b>Descriptive statistics through R-Programming</b>	National		KPRIET, Coimbatore 26.05.2020 to 28.05.2020
6	FDP	<b>Research Funding Projects and IPR</b>	National	Department of Electronics and Tele	K.C. College of Engineering & Management Studies

				comunications and IQAC	&Research,Than e 07.05.2020 to 10.05.2020
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