

Faculty Profile



1. **Name** Dr.P.Jamuna Devi
2. **Designation** Assistant Professor
3. **Department** PG & Research Department of Mathematics
4. **Age & DOB** 38 & 28.08.1983
5. **Date of first appointment** 27.08.2007
6. **Date of joining in govt. service** 31.08.2018
7. **Educational Qualification**

Degree / Diploma / Certificate	Subject	Name of the Institution	Year of Passing	Remarks
Ph.D	Mathematics	A.D.M College for Women (Autonomous), Nagapattinam	2017	Commended
M.Phil	Mathematics	SASTRA University, Shanmuga College, Kumbakonam,	2006	87%
M.Sc	Mathematics	Government College For Women, Kumbakonam.	2005	82%
B.Sc	Mathematics	Government College For Women, Kumbakonam.	2003	69%

8. **Academic/Teaching Experience**

S. NO.	INSTITUTION	FROM – TO
1	E.G.SPillay Engineering College, Nagapattinam	June 2007 to April 2018
2	A.D.M College for Women, Nagapattinam	August 2018 to till date

9. **Area of specialization** :Differential Calculus, Analytical Geometry, Partial Differential Equations, Astronomy
10. **Area of Research Interest** :Operation Research, Mathematical Modeling, Decision Making Analysis
11. **Research Projects** : Ph.D. Title : A Study on Decision Making models and Related Topics and its Applications to real its Applications to Real Life problems

12. Research Guidance: Guiding M.Sc and M.Phil Students.

(Guided 20 M.Sc Students and 3 M.Phil Students)

13. Seminars/Conferences/Workshops Organized

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	Organized guest lecture on “Applications Of Queuing Theory	Dr.P.Jamuna Devi	21.1.2012
2.	Organized one day seminar on “ Basics of Statistics	Dr.P.Jamuna Devi	23.9.2012
3.	Organized FDTP approved and funded (Rs 60,000) by in “MA6151-Mathematics –I”	Dr.P.Jamuna Devi Centre for Faculty Development, Anna University	27.6.14 to 3.7.14
4.	Organized awareness program on “Role of Herbal plants for healthy life to the society”	Dr.P.Jamuna Devi	December 2014
5.	Organized “Computer Literacy Programme for school children” sponsored by TNSCST with grant Rs 15,000	Dr.P.Jamuna Devi TNSCST	March 2015
6.	Organized CFD, Anna University Approved Faculty Development Programme for "MA6453-Probabilty and Queing Theory" approved by CFD, Anna University	Dr.P.Jamuna Devi Centre for Faculty Development, Anna University	15 th to 21 st December 2016
7.	Organized “Environmental Awareness program” sponsored by TNSCST with grant Rs 15,000	Dr.P.Jamuna Devi TNSCST	April 2017
8.	Acted as a resource person in Anna University sponsored Faculty Development Programme for MA6151-Mathematics	Centre for Faculty Development, Anna University	27.6.14- 3.7.14
9.	Acted as a resource person in Anna University sponsored Faculty Development Programme for MA6251-Mathematics –II	Centre for Faculty Development, Anna University	2.1.15 – 8.1.15

10.	ICTACT trainer for School Teachers of Everest Cambridge School Mayiladuthurai in the topic Presentation Skills	ICTACT	April 2015
11.	Acted as resource person –Government school teachers training programme in the topic Presentation Skills at EGSPEC	E.G.S Pillay Engineering College Nagapattinam	May 2015
12.	Acted as resource person – Government school teachers training programme in the topic Number theory at Natarajan Thamayandhi Higher Secondary School	Natarajan Thamayandhi Higher Secondary School	July 2015
13.	Acted as Jury – State Level Maths seminar and paper presentation program held at Natarajan Thamayandhi Higher Secondary School Nagapattinam	Natarajan Thamayandhi Higher Secondary School	July 2015
14.	Delivered a lecture and acted as Chair person in AICTE sponsored Two week FDP program on “Mathematical Modeling in Robotics” on 24.11.17	EGSPEC sponsored by AICTE	24.11.17
15.	Acted as resource person in ONGC program and gave a invited talk on “Work life balance for women”	ONGC, Karaikal	1.02.2019
16.	Acted as Resource person in Parisutham Engineering College and gave an invited talk in “Astronomy: Rare Eclipse” on December 2019.	Parisutham Engineering College, Tanjore	December 2019.
17.	Resource person - Workshop on “Application of Statistics to Management” on 27.01.2021, E.G.S Pillay Engineering College, Department of Management Studies.	E.G.S Pillay Engineering College, Nagapattinam	27.01.2021
18.	Organized Online Workshop on “Intellectual Property Rights”	Dr.M.Sundararaman, IPR Cell Co-Ordinator, Bharathidasan University, Trichirappalli.	07.04.2021

19.	Inauguration Function and Awareness Programme on “Cyber Crimes in the Digital World”-	Mr.Sugumaran and Mr.Thirunavukkarasu, ADSP Ms.Kalaivani Grade I officer, TNP and Mr.Murugadoss, HSC, TNP	14.08.2021
20.	Webinar on “Financial Literacy Programme” - SEBI	Mr.Mani Ram Wealth Officer Coimbatore SEBI.	16.09.2021

14. Membership in Academic/Professional Bodies: Life Time member in ISTE

15. Campus Leadership

Placement Co ordinator- 2019-2020
R& D Cell Secretary (From 2021)
IPR Cell Co ordinator – (From 2021)
Cyber Crime Cell Coordinator (From 2021)
IQAC Member (From 2021)
Class In-charge
Student Mentor (From 2018)

16. Seminars/Conferences/Workshops attended

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
1.	One Day Seminar on “Vedic Mathematics”	Oxford Engineering College, Trichy	14.9.2011
2.	One Day Seminar on “Statistics and its Applications in Engineering”	Periyar Maniyammai University Tanjore	18.4.2012
3.	One Day State Level Workshop on “Soft Computing” SWSC 2012	AVC College Of Engineering, Mayiladuthurai	28.3.14
4.	3 Days Workshop in “Fortification of Communicative Proficiency”	EGSPEC, Nagapattinam	April 2014
5.	Seven days FDTP on "MA6151-MATHEMATICS-I"	CFD, Anna University in EGSPEC	27.06.2014 to 03.07.2014
6.	Attended One day workshop on "Installation of New thoughts on Graph theory and Fuzzy Mathematics"	TBML College, Porayar	06.10.2014

7.	Seven days FDTP on "MA6251-MATHEMATICS-II"	CFD, Anna University in EGSPEC	2.01.2015 to 08.01.2015
8.	Attended One day workshop on "Teaching and Research Methodologies"	Perundhalaivar Kamarajar Institute of Engineering and Technology, PKIET (Govt of Puducherry), Karaikal	31.01.2015
9.	Attended Seven days FDTP on "MA6453-Probability and Queueing Theory"	CFD, Anna University in EGSPEC	15 th to 21 st December 2016
10.	Attended One day workshop on "Accreditation, Standards and Management in Higher Education"	Perundhalaivar Kamarajar Institute of Engineering and Technology, PKIET (Govt of Puducherry), Karaikal	17.10.2015
11.	Participated in ICT Academy of Tamil Nadu sponsored two day workshop on "Emotional Intelligence"	NSN college of Engineering and Technology, Karur.	18 th and 19 th July 2016
12.	Attended AICTE sponsored one week Short Term Course in "Mathematical Finance: Theory and Practice"	IIT MADRAS	16-21 January, 2017
13.	Participated in one day conference on "Application of Mathematics in various fields"	Valivalam Desikar Polytechnic College, Nagapattinam	11.3.2017
14.	Test items development Techniques for TVET teachers	Colombo Plan Staff College, Colombo	April 29, 2020
15.	"Working and learning Online during a Pandemic"	Kaamadhenu Arts and Science College, Coimbatore	30.04.2020
16.	Measures of Central Tendency and Correlation	Sri Krishna Adhithya College of Arts and Science, Coimbatore	06.05.2020
17.	Two day Online FDP on "Project Proposals for Funding Agencies UGC STRIDE and ICSSR: Preparation and Submission Protocol"	Patrician College of Arts and Science, Chennai	16.05.2020 and 17.05.2020
18.	Webinar on "Fuzzy Matrix and its Applications"	A.D.M College for Women Autonomous, Nagapattinam	26 th June 2020

19.	SEBI sponsored Faculty Development Programme on “Introduction to Securities Market”	E.G.S Pillay Engineering College, Nagapattinam	25 th January 2021-10-29
20.	Three days Faculty Development Programme on “ Preparation of NAAC”	Ayya Nadar Janaki Ammal College, Sivakasi	21 st to 23 rd September 2021
21.	<i>Online Workshop on NAAC</i>	<i>Jharkand Government Tool Room, Ranchi</i>	<i>13.12.2021 to 18.12.2021</i>

17. Orientation/Refreshment Courses

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
1.	Orientation Course	Induction Programme for newly joined staff	Ramanujan College, Delhi University, New Delhi	2020

18. Papers Presentation

S. NO.	NAME OF THE PAPER	ORGANIZED BY	DATE
1.	“Bernoullian Numbers”	International Conference on Advances in Engineering and Technology ICAET	27.5.2011, 28.5.2011
2.	Problems Faced by Tourists in Nagapattinam District-A Statistical Survey	IEEE-International Conference on Advances in Engineering, Science and Management IEEE- ICAESM	2012, 30.3.2012, 31.3.2012
3.	A Statistical Survey and Analysis Report on People Working in Match Box Industry- Kovilpatti and their Level of Satisfaction in Working Environment	2 nd International Conference on Advances in Engineering and Technology ICAET	2012, 28.3.2012, 29.3.2012
4.	Vedic Mathematical Sutras and its Applications	2 nd International Conference on Advances in Engineering and Technology ICAET	2012, 28.3.2012, 29.3.2012
5.	Presented a paper on “A Statistical Survey and Analysis Report on People Working in Match Box and Fire Work	UGC Sponsored National Seminar on Strategic Role of Mathematical and Statistical Models at A.D.M College For Women Nagapattinam	4.7.2013, 5.7.2013

	Industry-Virudhunagar District		
6.	Presented a paper on “Energy From Municipal Solid Waste- A Study Report”	UGC Sponsored National Seminar on Strategic Role of Mathematical and Statistical Models at A.D.M College For Women Nagapattinam	4.7.2013, 5.7.2013
7.	Presented a paper on “Optimum Solution for the Crunch and Scarcity of Electricity”	International Conference on the Role of Management in Global Business at Pavendar Bharathidasan College Of Engineering and Technology Trichy	1.3.2013
8.	Presented a paper on “Statistical Analysis on Parents Perspective about Obesity and Marching of Junk Food towards Rural Children- An Emprical Study at Nagapattinam”	IEEE- International Conference on Research and Development Prospects on Engineering and Technology IEEE-ICRDPET	29.3.2013, 30.3.2013
9.	Presented a paper on “Multi Objective Linear Programming in a Fuzzy Environment”	IEEE- International Conference on Research and Development Prospects on Engineering and Technology IEEE-ICRDPET	29.3.2013, 30.3.2013
10.	Presented a paper on “A Study On Energy from Biomass- Nagapattinam Town”	International Conference on Mathematical Methods and Computation ICOMAC 2014 at Jamal Mohammed College Trichy	13.2.2014, 14.2.2014
11.	Presented a paper on “Decision Making in Managing Municipal Solid Waste”	National Conference on Contemporary Management Practices in Competitive World	25.2.2014
12.	Presented a paper on “Mathematical Modelling and Optimization of Biomass Energy Production from the Aquatic Weed Water Hyacinth- Eichhornia Crassipes”	International Conference on Applied Science in Mathematics, English and its Applications ICASMEA	2015 on 8.5.2015,9 .5.2015

13.	Presented a paper on “Goal Programming Model for the People Working in Match Box and Fire Work Industry-Virudhunagar District”	International Conference on Applied Science in Mathematics, English and its Applications ICASMEA	2015 on 8.5.2015, 9.5.2015
14.	Presented a paper on, “Statistical Analysis on People Working in Match Box Industry”	National Conference on Emerging Trends in Management and Applied Science	27.3.2015
15.	Presented a paper on “Optimising Income for WSHG”	National Conference on Emerging Trends in Management and Applied Science	27.3.2015
16.	Presented a paper on “ Estimation of Psycho-social values of baby boomers in modern era”	ICSSR sponsored National Conference on Health, Social and Economical issues of ageing population in India at Annamalai University, Chidambaram	21 & 22 April 2016.
17.	Presented a paper on “ Review on Transportation Scheduling Problem”	International Conference on Advances in Science, Mathematics, English and its applications	20 & 21 June 2016
18.	Presented a paper on “ Formulation of Fuzzy critical path of existing method” in the on	International Conference on Advances in Science, Mathematics, English and its applications	20 & 21 June 2016
19.	Presented a paper on “Review on Road Transportation Scheduling Problem”	National Conference on New insights of Mathematics conducted by E.G.S.Pillay Arts and Science College Nagapattinam	22 & 23 August 2016.
20.	Presented a paper on , “Biomass from water Hyacinth – Mathematical modeling using regression”	National Conference on Mathematical Modeling for Engineering organized by A.V.C Engineering College, Mayiladuthurai	8.4.2017

21.	Presented a paper on “Prediction Equation by Goal Programming Model – A Case study to analyze variables affecting health of people working in fireworks”	National Conference on Mathematical Modeling for Engineering organized by A.V.C Engineering College, Mayiladuthurai	8.4.2017
	Presented a paper on “Decision Making Models on Disposing of Fish waste using SPSS”	International Conference on Global Trends in Management	2017 on 5.5.2017.

19. Papers Publications

S.No	Article	Name of the Journal	Year
1.	A statistical survey and analysis report on people working in Matchbox Industry at Kovilpatti and their level of satisfaction towards the working environment and other aspects	International Review of Pure and Applied Mathematics, January to June issue, vol 8, No – 1, page 37-47, ISSN 1311- 8080, 2012	2012
2.	Biomass for energy production and Interval Transportation problem to minimize Transportation cost	IOSR 2012journal of Business and Management, e- pp 31-35, issn:2278 – 487x, , P-ISSN: 2319 – 7668, 2012	2012
3.	Decision making model to reduce the burden on municipalities	Elixer International Journals, Environment and Forestry, 72 (2014) 25405-25409, ISSN 2229-712X. 2013	2013
4.	Modeling and Optimizing the Transshipment problem of Nagapattinam Municipality Solid Waste Management	International Journal of Engineering Research, Vol – 2, Issue -8, Oct, 117-130, ISSN 2321-1717	2014
5.	Group Decision Making for safe disposal of Commercial Fish waste	IJSRP International Journal of scientific and Research Publications, Volume 5, Issue 4, April, ISSN 2250 – 3153, page 1-6, 2015	2015
6.	Mathematical Modeling and Optimization of Biomass energy production from the aquatic weed Water Hyacinth – <i>Eichhornia Crasspes</i>	International Journal of Applied Engineering Research (Annexure II listed journal), volume 10, no 51,page 897-901 , ISSN 0973 – 4562, 2015	2015

7.	Regression Model for the people working in Firework Industry - Virudhunagar District	International Journal of scientific and Research Publications, Volume 5, Issue 4, April, page 1-6, ISSN 2250 – 3153 , 2015	2015
8.	Biomass from water Hyacinth – mathematical modeling using regression	Global Journal of Pure and Applied Mathematics , (Annexure II listed journal) ISSN 0973-1768 Volume 13, Number 2 (2017)	2017
9.	A Study on: Solid Waste Management in Nagapattinam	International Journal of Pure and Applied Mathematics, Volume 119 No. 13 2018, 143-151 ISSN: 1314-3395 (2018)	2018
10.	Statistical Analysis on Client Retention For LIC Of India	JASC: Journal of Applied Science and Computations ISSN NO: 1076-5131, Volume VI, Issue II, February/2019- UGC Care List	2019
11.	Effectiveness of Online teaching and learning process in semi urban areas – An Empirical Statistical Study	TOJDEL, The Online Journal of Distance Education and e – Learning, Volume 9, Issue 2, April 2021, Pages 233 to 236	2021

20. Any Other

Projects Sanctioned, Grants Received:

- ❖ DST, New Delhi invited me for presenting the research proposal under Women Scientist Scheme at INSA New Delhi, in the topic, “Biomass Energy from Water Hyacinth and Data Analysis” on April 2017 and it was presented.
- ❖ TNSCST sanctioned Rs 15,000 conducting “Environmental Awareness program” (April 2017) and it was completed.
- ❖ Centre for Faculty Development, Anna University Chennai, approved to organize one week FDTP on, “Transforms and Partial Differential Equations”, on May 2017 and it was completed.
- ❖ Received Rs 15,000 from TNSCST for conducting “Computer Literacy Program for School Children” (2015) and it was completed.
- ❖ Received Rs 60,000/- from CFD, Anna University as a grant for conducting seven days FDTP on Mathematics I from 27th June and 3rd July 2014.