STAFF PROFILE

1) Name : Dr. A. Sahaya Sudha

2) Designation : Assistant Professor

3) Department : Mathematics

4) Qualification : M.Sc., M.Phil. B.Ed., PGDCA., Ph.D.

5) Experience : Teaching: 23 Research: 13

6) Area of Specialization (s) : Operations Research

7) E-mail : sudha.dass@yahoo.com

8) Academic Qualifications:

S. No	COURSE	YEAR OF COMPLETION	UNIVERSITY / INSTITUTION
1	B.Sc.	1992	Madurai Kamaraj University
2	M.Sc.	1994	Manonmaniam Sundarnar University
3	B.Ed.	1995	Manonmaniam Sundarnar University
4	M.Phil.	2001	Madurai Kamaraj University
5	Ph.D.	2015	Bharathiar University

9) Additional Qualifications:

Diploma/ Vocational/ Certification	Area of Specialization	Institution/ University/ Agency Name	Year
PGDCA	Computer Applications	Bharathiar University	2002

10) Grants Received

Event Title	Agency	Amount	Date
International conference	UGC	71,355	21.08.2012
ICCBM-2012 held at			
SINGAPORE.			

11) Projects -Completed

Project Title	Agency	Amount	Duration
Mathematical	UGC	5,00,000	2years
Application for Water			(2017-2019)
Management studies			
for Agricultural Crop			
Cultivation			

12) Research Guidance

Programme	No. of Scholars				
	Completed	Pursuing			
Ph. D.	2	4			
M. Phil.	16	-			

13) Research Publications

International Publication in Journals: (June 2015 -16 Onwards)

~						ISSN/	
SI	Year of	Name of the		Name of	Vol, Issue, Pg.	ISBN	****
No	publication	author/s	Title of the paper	journal	No	number	INDEX
			Solving an interval				
			fuzzy linear				
			programming	International			
			problem using	Journal	442/40)		•
		Sahayasudha A	Alpha-cut	of Computer	112(10),	0975 -	Cross
1	2015	&Anitha.N	operation	Applications	pg:14-16	8887	reference
			Solving Multi				
			objective Fully				
			Fuzzy Linear	International			
			Programming	Journal of			
			Problem	advanced and			
		Sahayasudha A	Using Ranking	Innovative		2278-	Google
2	2015	& kanni ammal	Function	Research	4(2) pg:86-89	7844	scholar
			Crop selection				
			based on fuzzy	International			
			TOPSIS using	Journal			
		Sahayasudha A&	Entropy	of Computer	124(14),	0975 -	Cross
3	2015	Rachel Inba Jeba.J	weights	Applications	pg:16-20	8887	reference
				International			
			An Agricultural	Journal of			
			Economic			2321-	
			Problem using	multidisciplinary		3124	
		Sahayasudha A&	Intuitionistic	and Current	Vol3, pg:900-		Google
4	2015	Rachel Inba Jeba.J	Fuzzy	Research	903		scholar
			Estimation of Drug				
			Administered				
			by Fuzzy CETD	International			
			Matrix to a	Journal of			Google
		Karthika. R	Patient for a	Computer	130(2) pg:30-	0975 -	Scholar
5	2015	&Sahayasudha A	Bacterial Disease	Applications	33	8887	

			T	T			1
			An Intuitionistic				
			Fuzzy Approach				
			for				
			Solving	International			
			Generalized	Journal of			
		Sahayasudha A	Trapezoidal	Mathematics			
		& Rachel Inba	Travelling	Trends and		2231-	
6	2016	Jeba.J	Salesman Problem	Technology	29(1)	5373	UGC
				International			
			Solving FLPP with	Journal			
			Symmetric	of Informative			
		Sahayasudha A	Trapezoidal fuzzy	& Futuristic	3 (10),	2347-	
7	2016	& Revathi	numbers	Research	pg:3753-3762	1697	Copernicus
			Fuzzy				
			Transportation				
			Problem				
		Sahayasudha A	Using Symmetric				
		&. Vijayalakshmi	Hexagonal Fuzzy	IOSR Journal of		: 2278-	Cross
8	2016	K. R	Numbers	Mathematics	pg:76-81	5728	reference
5	2010	13. 13	Hambers	International	PB.70 01	3,20	reference
			A Now Panking or				
		Cohougan dha A	A New Ranking on	Journal of		1839-	Coosts
	2046	Sahayasudha A	Hexagonal	Fuzzy Logic	C(4) ====4 ==	6283	Google
9	2016	& Revathi .M	Fuzzy Numbers	Systems	6(4), pg:1-7	0203	Scholar
				International			
			T1	Journal of			
			Identification of	Advanced			
			Age Groups	Research in			
			Vulnerable to	Computer			
		D 1 1 2 5	Asthma Disease	Science and	6/10) /5-:12	2277	
10	2015	Pushpalatha.E	using CETD	Software	6(10) /pg:13-	2277-	
10	2016	& Sahayasudha. A	Matrix	Engineering	17	6451	Copernicus
			A Modern				
			Approach in	Aryabhata			
		C 1 11 A	Ranking	journal of			
		Sahayasudha A	Of Symmetric	Mathematics		2394-	RESEARCH
11	2016	&. Vijayalakshmi	Hexagonal Fuzzy	and Informatics	0/2) /p~:42 40		
11	2016	K.R.,"	Number	and informatics	8(2), /pg:42-49	9309	GATE
			Optimal Solution				
			of Hexagonal				
			Fuzzy	Aryabhata			
			Transportation	journal of			
		Cohoveeudha A	Problem	Mathematics		2394-	RESEARCH
12	2016	Sahayasudha A & Revathi .M	Using New Ranking Method	and Informatics	8(2)/pg:50-55	9309	GATE
12	2010	ex revaum .ivi		and millimatics	0(7)/ hg.20-22	3303	JAIL
			An Alpha -Cut				
			Operation in a				
			Transportation	l., ., ., .			
			Problem Using	International			
			Symmetric	Journal of Fuzzy	_	1000	
		SahayaSudha A	Hexagonal Fuzzy	Logic Systems	Vol.7, No.1	1839 -	web of
13	2017	&. Vijayalakshmi	Numbers	(IJFLS)	pg:31-48	6283	science
				International			
			Solving a	Journal of			
			Transportation	Advanced			
			Problem	Research in			
			using a	Science,			
		SahayaSudha A	Heptagonal Fuzzy	Engineering	Vol. 4	2350-	Google
	1	· ·					_
14	2017	& Karunambigai	Number	and Technology	pg:3118-3125	0328	Scholar

		T	A A .: t-l + t -	1	I	T	
			An Arithmetic				
			Operation	international			
			On	Journal			
			Hexadecagonal	of Fuzzy Logic			
		SahayaSudha A	Fuzzy	Systems	Vol.7, No.1	1839 -	web of
15	2017	&Gokilamani.R	Number	(IJFLS)	pg:19-29	6283	science
			Solving a Multi				
			Objective				
			Linear	International			
			Programming	Journal of			
			Problem	Mathematics			
		SahayaSudha A	Using Pentagonal	Trends and	Volume 41		
		,Sathya.S	Fuzzy	Technology	Number 3	2231-	
16	2017	&Vimalavirginmary	Numbers	(IJMTT)	pg:279-282	5373	UGC
		<u> </u>		International	10		
				Journal of			
			A Transportation	Innovative			
			Problem	Research in			
		Cohora Cudh - A	Analysed by a New	Science	Volume 5(1)	2347-	Google
17	2017	SahayaSudha A			` '		Scholar
1/	2017	& Chinthiya	Ranking Method	& Engineering	pg:9-16	3207	SCHOIDI
			A Value and				
			Ambiguity-Based				
			Ranking of				
			Symmetric				
			hexagonal				
			Intuitionistic Fuzzy	Advances in	. Volume 12,		
		SahayaSudha A	Numbers in	Fuzzy	Number 4	0974-	Google
18	2017	&. Vijayalakshmi	Decision Making	Mathematics.	pg:867-879	0201	Scholar
			A Novel Approach				
			for Solving	International			
			Fuzzy Linear	Journal of			
			programming	Advanced			
		SahayaSudha A,	problem	Research in			
		Vimalavirginmary,	using Pentagonal	Education	Vol. 4, Issue 1	2394-	
19	2017	& Sathya.S,"	Fuzzy numbers	& Technology	pg:42-45	2975	Cosmos
		, ,	,	International	10		
			Arithmetic	Journal on			
			Operations on	Recent			
			Intuitionistic	and Innovation			
			Hexagonal Fuzzy	Trends in	Volume: 5		
		Sahayasudha A	Numbers Using α	Computing and	Issue: 6	2321-	
20	2017	& Revathi	Cut	Communication	pg:696-704	8169	ResearchGate
20	2017	G NCVatili	Cut	International	P8.030-704	0100	Nescarcificate
				Journal on			
			Applying Topsis				
			Applying Topsis	Future			
			Method for	Revolution in			
			Evaluating the	Computer			
			Water	Science			
			Requirement of	&	Volume: 3	2454	[
		SahayaSudha A	Agricultural	Communication	Issue: 8	2454-	Google
21	2017	&Anita. S	Crops	Engineering	pg:197 – 202	4248	Scholar
			Arithmetic				
			Operations of				
			Hexagonal	International			
			Intuitionistic Fuzzy	Journal of			
		Sahaya Sudha. A	Number Using	Mathematics			
		& Vijayalakshmi	Extension	And	6(2-A)/pg:219-	2347-	
22	2018	K. R	Principle	its applications	225	1557	Scribd
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			A I i	Intomotional		1	
			Analyzing	International			
			MOIFLPP	Journal			
			Using Heptagonal	Of Creative			
		Sahayasudha A	Intuitionistic	Research	Volume 5,	2320-	Google
23	2017	&. Revathi	Fuzzy Number	Thoughts (IJCRT)	Issue 3	2882	Scholar
				International			
				journal of			
			A Decision-Making	Mathematics			
			Problem	Trends and			
		Karthika. R	on FAHP with Z-	Technology	Volume 57	2231 –	
24	2018	&Sahayasudha A	Numbers	(IJMTT)	Issue 4	5373	Cross Ref
27	2010	QSanayasaana A	Numbers	International	13300 4	3373	CIO33 ICI
			Multi-Objective	Journal of			
			Stochastic	Mathematics			
				and Computer			SCOPUS
			Intuitionistic Fuzzy				
		Cabayacudha A	Linear Programming	Applications Research		2249-	Indexed, UGC CARE Listed &
25	2018	Sahayasudha A & Revathi	Programming		Vol. 9 Jesus 3		WOS
25	2018	& VEAGUII	riunielli	(IJMCAR)	Vol. 8, Issue 3	6955	VVU3
				International Journal of			
			A				
			Assessment of Air	Advanced			
			Quality in	Research in			
			Coimbatore City	Science,		2272	
		Sahayasudha A	using TOPSIS	Engineering and		2350-	Google
26	2018	& Ruby.V	Method	Technology	Vol. 5, Issue 8	0328	Scholar
			Analysis Of Major	International			
			Air Pollutant	Journal of			
			Of an Industrial	Research in			
			area in	Humanities,			
		Sahayasudha A	Coimbatore City	Arts and	Vol. 6, Issue 9	2347-	Google
27	2018	& Ruby.V	Using Fuzzy Topsis	Literature	pg:279-285	4564	Scholar
			A Linear				
			Programming				
			Problem Using				
			Fuzzy Z				
			Numbers to Find				
			Optimality	International			
			Under Uncertainty In	Journal of Pure			
		Revathi	Vegetable	and Applied	Volume 119	1314-	Google
28	2018	& Sahayasudha	Cropping	Mathematics	pg:3293-3300	3395	Scholar
		Saraj asadia		International	1-0		
				Conference on			
			A Solving linear	Applied and			
			programming	Computational			
			problem	Mathematics			
			by means of fuzzy	IOP Conf.			
		Revathi	Z	Series: Journal of	Conf. Series		Scopus
29	2018	& Sahayasudha	numbers	Physics	1139		Indexed
29	2018	& JanayaSuuna		FIIYSICS	1133		шиелец
			A Multi-Attribute Decision				
			Making Problem				
		Cala a constitution of	in A Single	International			
		Sahayasudha A	Valued	Review of		0072	
	2215	&. Vijayalakshmi K.	Neutrosophic	Fuzzy	Volume 13,	0973-	1166
30	2018	R	Method	Mathematics	No. 2	4392	UGC

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				International			
				Journal			
			Fuzzy Decision	of Research in			
			Making applying	Advent			
		Karthika. R	Z numbers with	Technology		2321-	Web of
31	2019	&Sahayasudha A	AHP & BWM	(IJRAT)	pg:106-109	9637	Science
		•	An interval valued	,	, 0		
			linear				
			programming				
			problem				
			with trapezoidal z		Volume-8		
		Danielle BA	•	landina in anna 1 af		2250	Carala
22	2010	Revathy.M	fuzzy	Indian journal of	Issue-1	2250-	Google
32	2019	& Sahayasudha A	number	research	pg:43-45	1991	Scholar
				International			
			Solving a Fuzzy	Journal for			
				Research in			
		C Possiina Prima	Transportation				
		S. Roseline Priya	Problem by	Applied Science		2224	Caasla
		&, A. Sahaya	Stepping Stone	& Engineering		2321-	Google
33	2019	Sudha	Method	Technology	Volume 7	9653	Scholar
				International			
			Multi Attribute	Journal			
			Decision-Making	of Scientific			
			Method Using	Research in			
			Value and	Mathematical			
		Sahayasudha A	Ambiguity in Single	and			
		&. Vijayalakshmi K.	Valued ,	Statistical	Vol.6, Issue.3	2348-	
34	2019	R	Hexagonal	Sciences	pg:84-90	4519	Cross Ref
				International	10		
				Journal			
				of Scientific			
			A New Operation	Research			
		R. Karthika	•				
			on	in Mathematical		2240	
	2212	& A. Sahaya	Sinusoidal Fuzzy	and Statistical	Vol.6, Issue.4,	2348-	
35	2019	Sudha	Number	Sciences	pg:104-107	4519	Cross Ref
			A comparative	International			
			study on	Journal			
			production	of Research and			
		Sagayakavitha.D	planning using	analytical	Volume-6(2),	2348 –	Google
36	2019	&Sahaya Sudha. A	FFLPP and FFGLP	Reviews	Pg.: 339-345	1269	Scholar
			Application of	International			
			EDAS Method	Journal of			SCOPUS &
			on Water	Engineering			Web of
			Requirement in	Research	Vol. 8 Issue 12	2278-	Science
37	2019	Sahaya Sudha. A	Agriculture	& Technology	pg:558-561	0181	(WoS)
	2013	200,000010.71	A tetra sectional	<u> </u>	10.000 001	0-01	()
			approach in				
		Liney					
		Lincy	an interval valued		Valume 0		
		Marshaleena.L	linear	la falsa sa	Volume 9	4024	
		& Sahaya Sudha.	programming	Infokara	Issue 1pg:306-	1021-	
38	2020	Α	problem	Research	313	9056	UGC
				Journal of			
				Information			
			Solving a soft set	and	Volume 10		
		Sahaya Sudha. A &	in linear	Computational	Issue 2	1548-	
39	2020	Agnes Jenifa. A	programming	Science	pg:1303-1310	7741	UGC
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			A new approach				
			for solving				
			symmetric				
			pentagonal				
			intuitionistic fuzzy	Journal of			
			transportation	Information and	Volume 10		
		Sahaya Sudha. A	problem by	Computational	Issue 2	1548-	
40	2020	&Bridjet .X	ranking	Science	pg:1341-1357	7741	UGC
			New Approach to		190-101-101-1		
			Solve				
			Symmetric				
			•				
			Triangular				
			Neutrosophi	Journal of			
			c Linear	Information			
			Programming	and	Volume 10		
		Sagayakavitha.D&	Problem	Computational	Issue 3	1548-	
41	2020	Sahaya Sudha. A	By Score Function	Science	pg:908-915.	7741	UGC
				The			
				The			
			Grey-Correlation	International			
			for Generalized	journal of			
		Sahayasudha A	Hexagonal	analytical and	Volume XII,		
		Vijayalakshmi	Intuitionistic Fuzzy	experimental	Issue III	0886-	
42	2020	K.R	Numbers	modal analysis	pg:2058-2065	9367	UGC
			Identifying The				
			Economic	Paripex - Indian			
			Viability of A Crop	Journal Of			
			Using	Research	Volume-9	2250 -	
43	2020	Sahayasudha A	Stochastic Edas		Issue-4	1991	UGC
			Interval Valued				3
		Sahayasudha A	Neutrosophic	Infokara			
		&. Vijayalakshmi	Numbers Using	Research	Volume 9,	1021-	
44	2020	K.R	Entropy	nescuren	Issue 4	9056	UGC
	2020	INII	Assessment of		13300 4	2020	000
		Calagoratic	MCDM problems	Name			
		Sahayasudha A	by TODIM using	Neutrosophic			
		Wijayalakshmi K.	aggregated	Sets and	Vol. 35 pg:78-	2331-	
45	2020	R	weights	Systems	98	608X	SCOPUS
			An Application of				
			Neutrosphic Linear				
			Programming				
			Problem		VOLUME 7,		
			in an Agricultural		ISSUE 8	0039-	WEB OF
46	2020	Sahayasudha A	Environment	Strad Research	pg:303-312	2049	SEIENCE
		,	Solving LPP with				
			stochastic			03008-	
			neutrosophic	AIP Conference		1-	
		Revathy.M	Pythagorean	Proceedings		03008-	
47	2020	& Sahayasudha A	Z numbers	2261	2261, 030088	14	SCOPUS
4/	2020	& Janayasuulla A	Z HUHINEIS		2201, 030000		JCOr UJ
			A Nov. Amma1-	The			
			A New Approach	International			
			for Solving Type-4	journal of			
			Fuzzy	analytical and	Volume XIII,		
		. A. Sahaya Sudha,	Transportation	experimental	Issue II, 1487-	0886-	
48	2020	G. Supriya	Problem	modal analysis	1494	9367	UGC
				Journal of	Volume XIII,		
		A. Sahaya Sudha1,	A NEW RANKING	Interdisciplinary	Issue II,2630-	0022-	
49	2020	S. Iswariya	APPROACH FOR	Cycle Research	2637	1945	UGC
		· · /~		, ,			

			AN ASSIGNMENT PROBLEM				
			Double Refined				
			Indeterminate				
			Trapezoidal		VOLUME 8,	ISSN:	
		Gokilamani.R	Neutrosophic		ISSUE 6	0039-	WEB OF
50	2021	Sahaya Sudha. A	Numbers in LPP	Strad Research	pg:361-370	2049	SCIENCE
			RANKING OF				
			SINUSOIDAL FUZZY				
			NUMBER AND ITS		VOLUME 8,	ISSN:	
		Karthika. R	APPLICATION		ISSUE 6	0039-	WEB OF
51	2021	&Sahayasudha A	IN SIGNALS	Strad Research	pg:533-538	2049	SCIENCE
			A Sinusoidal Fuzzy				
			Soft Set and	IOP Conf. Series:			
			its Application in	Journal of		1947	
		Karthika. R	Mcdm BITMET	Physics: Conf.		(2021)	
52	2021	&Sahayasudha	2020	Series	Pg1-11	012050	SCOPUS

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14) Other Publications:

International

- 1.. Sahaya Sudha. A &Raja Rajeswari. P," Multiobjective Fuzzy optimization Techniques in production Planning process, Proceedings of the Heber International Conference on applications of mathematics and statistics HICAMS (2012), 5-7, January at Bishop Heber College, Tiruchirappalli.
- 2.Sahaya Sudha. A &Raja Rajeswari. P," AHP Combined with Fuzzy Topsis for Evaluating a Best Alternative, International Journal of Computer Applications (ICICIC) proceedings on 2013/number 2250-1717/11294-13537
- 3. A Mathematical Algorithm on Water Requirements for Agricultural Crops at the International Conference on Emerging Trends in Science and Social Science, Malaysia. On 03&04.05.2019

National

- **1.** Sahaya Sudha. A &Raja Rajeswari. P," Perception of Consumers on Brand and Decision Making, National Conference Proceedings on Brand India –Achievements and challenges, Nirmala College for Women, Coimbatore on 04.10.2012.
- 2. Sahaya Sudha. A &Raja Rajeswari. P," Fuzzy ANP Approach on Centroid Ranking and its Application on Brand Perception", National Conference proceedings, Baselios PouloseII Catheolicos College, Pirvaom, Kerala. (2012)
- 3.Sahaya Sudha. A & Karthika. R, Medical Diagnosis of Bacterial fever with Viral fever using AHP, National Conference Proceedings, NARC (2013).
- 4. Sahaya Sudha. A & Thenmozhi Conservation of Energy on Using Bulbs through Analytic Hierarchy Process, National Conference Proceedings, NARC (2014).

5. Sahaya Sudha. A Collision Prevention Using Fuzzy Logic Controller, National Conference Proceedings, NARC (2014)

15) Participation in Conference

- 1. National Conference on Brand India, Nirmala College for Women, Coimbatore on 4.10.12
- 2. Heber International conference on Applications of Mathematics and Statistics (λicams- 2012) Bishop Heber College, Tiruchirappalli from 5.01.12 -7.01.12
- 3.International Conference on Computer and Business management (ICCBM2012), IACSIT, Nichuan University, Guizhou University, Quality Hotel Marlow, Singapore from 9.06.12-10.06.12
- 4.International Conference on Innovations in Communication, sponsored by Information and Computing Ministry of earth sciences, Govt of India, IEEE, ICTACT, Sasurie College of Engineering, Vijayamangalam from 9.01.13 -11.01.13
- 5.National conference on Fuzzy logic and its Applications to Computer Science& the Annual Conference of Kerala Mathematical Association sponsored by UGC at, Baselious PouloseII Catholicos college, Piravom from 20.02.14 to 22.02.14
- 6. Participated in the International Conference on Emerging Trends in Science and Social Science Malaysia. from 03.05.2019&04.05.2019

16) Participation in Seminar

- 1. Regional Seminar on Optimization Techniques in Engineering Fields, Sri Shakti Institute of Engineering and Technology, Coimbatore on 7.12. 07
- 2. National Seminar on Advances in applied Mathematics, Dept. of Applied Mathematics, and Bharathiar University on 23.3.09
- 3. National Seminar on challenges Before Humanity, St. Mary's college Thoothukudi. on1.10.09and 2.10.09
- 4. State level seminar on Modern Trends in Mathematical Sciences, Dr.NGP Arts and Science College, Coimbatore on 05.03.10
- 5.National Seminar on Mathematical Computation, NSMC-2011 Education, sponsored by Tamilnadu State Council for Higher Education, Government Arts College, Coimbatore on 28.03.11
- 6. National Seminar on Challenges and Strategies in Human Rights Education sponsored by UGC Nirmala College for Women, Coimbatore on 25.08.11-26.08.11.

- 7. State Level Seminar on Advanced Trends in Mathematical Sciences at Dr.NGP Arts and Science College, Coimbatore on 17.02.12.
- 8. National Seminar on Financial Literacy- The present Trend and Future Challenges. Sponsored by UGC at Nirmala College for Women, Coimbatore on 22.02.13 -23.02.13
- 9. National Seminar on Environmental awareness and modern literature, UGC, Nirmala College for women, Coimbatore on 16.07.15 to -17.07.15

17) Participation in Workshop

- 1. National Workshop on Mathematical Modeling, Dr.SNS Raja Lakshmi college of Arts & Science, on 14.03.08
- 2. Workshop on Matlab-A Tool for Research-D.J. Academy for Managerial Excellence, Othakkalmandapam, Coimbatore.on25.07.09
- 3 Workshop on Quality Management in Setting Question Papers and evaluation of answer scripts IQAC-PSGR Krishnammal College for Women, Coimbatore on 27.08.10.
- 4.Research Promotion Workshop on Introduction to Graph and Geometric Algorithms sponsored by National board of higher Mathematics and Council of Scientific and Industrial Research at, PSG College of Technology, Coimbatore from 06.01.11 to 08.01.11.
- 5. International workshop on" A search for Research "organized by Kalaivani College of Technology, Coimbatore on 12.01.12.
- 6. Workshop on Research challenges S G College of Technology, Coimbatore. On 9.02.13
- 7. Workshop on Outcome Based Education conducted by IQAC, Nirmala College for women on 24.03.18.

18) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- Attended 28 days Orientation Programme. at Academic Staff College, Bharathiar University,
 Coimbatore from 15.05.09 to 11.06.2009
- 2. Attended 21 days. Refresher course at Academic Staff College, Madras University, Chennai From 11.11.2011 to 1.12.2012
- 3. Attended 7 days Orientation Training programme at Avinashilingam Institute for Home Science and Higher Education for Women University, Coimbatore from 13.12.2013 to 19.12.2013 for NSS programme Officers.
- 4.Attended 10 days South Zone Pre RD-Camp as a contingent leader from 01.10.2014 to 10.10.2014 at Vidhya Academy of Science and Technology Trissur, Kerala.

- 5. Attended 21 days Refresher course at HRDC Bharathiar University, Coimbatore from 05.07.2017 to 25.07.2017
- 6 Attended 14days.Refresher course at HRDC Bharathiar University, Coimbatore From 04.12.2019 to 17.12.2019.
- 7. Attended Training and awarded as Innovation Ambassador (Foundation Level) at MoE's Innovation Cell & AICTE from 30th June-30th July.

19) Participation in Faculty Development Programme

- 1. Attended an FDP on Scilab through MOOCS" from 29.04.2020-05.05.2020, organized by V.O Chidambaram College, Thoothukudi
- 2. From 29.04.2020 01.05.2020 attended an FDP on "Moodle Learning Management System" conducted by Kaypeeyes College of Arts and Science, Nilgiris...
- 3. Attended a 7days Faculty Development Programme on Inclusive Indian Traditions for a Holistic Global Education" organized by PSGR Krishnammal college for women in association with SHIKSHA SANSKRITI UTTHAN NYAS (TAMILNADU CHAPTER) from 03-09, May, 2020.
- 4. Attended an FDP on Teaching, Learning and Evaluation through Google Classroom conducted by Sri G.V.G. Visalakshi College for Women (Autonomous) Udumalpet on 13.05.2020.
- 5. Participated in a 4 days FDP organized by KPR College of Arts Science and Research, Coimbatore. From 16.05.2020-22.05.2020.
- 6. Attended 4days International Faculty Development Programme on "Role of Mathematics in Future IT and Industrial Trends organized by Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi from 29.06.2020 02.07.2020
- 7. Attended 7 days International Faculty Development Programme (FDP) on Redefining Teaching Learning with the Integration of ICT organized by the Internal Quality Assurance Cell (IQAC) of Holy Cross College (Autonomous), Nagercoil from 01.07.2020 to 08.07.2020.
- 8. Attended 14 days, Faculty Development Programme on "Managing Online Classes and Co-Creating Moocs 3.0 organized by Teaching Learning Centre, Ramanujan College, and University of Delhi from 25.07.2020 to 10.08.2020 under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
- 9.Attended 7 days Faculty development Programme on MATLAB and its applications conducted by Dr.N.G.P Institute of technology, Coimbatore from 07.06.21to 12.06.21

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20) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop

- ➤ Delivered a Special Address on Mathematics in our daily life at Tirupur Kumaran College for women, Tirupur on 08,09.2015
- ➤ Delivered a Guest Lecture on Applied Mathematics at PSGR Krishnammal College for women, Coimbatore on March 9, 2016
- ➤ Delivered a Lecture at Dr.NGP College of Arts & Science, Coimbatore on January 23, 2016
- ➤ Delivered a Guest lecture on Recent Trends in operations Research at VLB Janakiammal college of arts and science, Kovaipudur, Coimbatore on 15.10.2018.
- ➤ Chief guest for the Mathematical association on the topic Application of O.R at Kovai kalaimagal college of arts and science, Narasipuram, Coimbatore on 23.08.18
- ➤ Was a Session Chair for the International Conference on Emerging Trends in Science and Social Science, May 3-4, 2019, Malaysia. On the session topic Basic and applied aspects of Mathematical sciences
- On 13.09.2021, Delivered an Online orientation Programme for the Batch 21-22 for the Mathematics students at Hindustan college of arts and science, Coimbatore.

21) Member in Board of Study-In Kovai Kalaimagal College of Arts & Science

22) Editorial/Review Board Member

- (i) Reviewer in IEEE, Transactions on Fuzzy systems (TFS)
- (ii) Reviewer in African Educational Research Journal (AERJ)
- (iii) Reviewer in Neutrosophic sets and systems (NSS)

23) Membership in Professional Bodies

Name of Professional Body	Nature of Membership	Duration
The Indian science	Life Membership	Since 2006
congress association,		
Kolkata.		
FATER Academy of India	Life member	Since 2015

24) Awards and Achievements:

Year	Name of the Award	Institution issuing the Award

2021	Dr. Sarvapalli Radhakrishnan, Best Faculty	Centre for Professional Advancement,
	Award 2021 in Operations Research	Vijayawada, on Account of Teachers
		Day on 5.8.2021