

## Faculty Profile



**Name** : Dr.RADHARAMANI.A  
**Designation** : ASSOCIATE PROFESSOR  
**Address** : Associate Professor of Mathematics  
Chikkanna Government Arts College,  
Tiruppur,  
Tamilnadu,  
India 641602  
**Contact Number** 9344503111  
**Email ID** : radhabtk@gmail.com  
**Date of Joining in Collegiate Education** : 03.03.2011  
**Date of Joining in the Present College** : 29.9.2011  
**Academic Profile** :

Degree	Institute/College	University	Period
B.Sc. Mathematics	A.K.D.R Women's College, Rajapalayam	Madurai Kamarajar	1994
M.Sc. Mathematics	S.F.R College for women , Sivakasi	Madurai Kamarajar	1996
M.Phil. Mathematics	P.S.G College for Arts and Science , Coimbatore	Bharathiar	2000
Ph.D. Mathematics	Government Arts College, Coimbatore	Bharathiar	2009

## Teaching Experience

i) **Total** : 22 **Years** **7 Months**  
ii) **UG** : 22 **Years** **7 Months**  
iii) **PG** : 22 **Years** **7 Months**

Name of the college	Position held	Period
Chikkanna Government Arts College Tirupur	Assistant Professor In Mathematics	SEP-2011 - till date
Government Arts College for women Salem	Assistant Professor In Mathematics	2011 (MARCH-SEP )
Dr.N.G.P.Institute of Technology, Coimbatore	Assistant Professor In Mathematics	2007-2011
Park College of Engineering and Technology , Coimbatore	Lecturer in Mathematics	2000-2007

**Honors and Research Awards** : NIL

**Field of Interest** :

- i) **Teaching** : Pure and Applied Mathematics  
ii) **Research** : Operator theory, Fuzzy seta and Fuzzy Logic  
iii) **Proficiency in instrumentation** : Nil

**Research Guidance**

**Guidance Number (Bharathiar University)** : Ph.D- 5624/A2/2016 dated 25/04/2016-  
M.Phil-21269/A2/2013 Dated 24/10/2013

S. No	M.Phil/Ph.D	Name of the Student	Thesis Title	Completed/ongoing
1	M.Phil	Chitra.M	Multi level thresholding in imaged based on Fuzzy PSO	Completed
2		Madhan.V	A study on (n,m)-powers operators on Hilbert space	Completed
3		Venkatajalapathi.P	A study on some classes of composition operators on various spaces	Completed
4		Manikandan.M	On nth power paranormal and *paranormal operator on Hilbert space	Completed
5		Prema.s	A study on composition and weighted composition operators on Fock space	Completed
6		Chinnasamy.G	A study on paranormal and Quasi *-paranormal operators on Semi Hilbertian Space	Completed
7		Priyadharshini.R	A study on fixed point theorems for T*-contraction on various metric spaces	Completed
8		Abarna.M	A study on some classes of operators on Probabilistic	Completed

			Hilbert space	
9		Jayakumar S	-----	Ongoing
10	Ph. D	Maheswari.J	A Study on Intuitionistic Fuzzy Hilbert Space and some classes of operators	Completed
11	Ph. D	Brindha.s	A Study on some Classes of operators on Fuzzy Hilbert Space	Completed
12	Ph. D	T.Nagajothi	-----	Ongoing
13	Ph. D	P.Mounajothi	-----	Ongoing
14	Ph. D	N.Sathyavathi	-----	Ongoing
15	Ph. D			

**Funded Projects**

:NIL

**Membership in Professional Bodies**

: NIL

S. No	Name of the Professional Body	Membership Detail with Number

**Research Publications**

S.No.	Author(s)	Title	Name of Journal	Volume Issue ISSN No	Page	Year
1	A.Radharamani, A.Brindha, S. Maheswari	Fuzzy Normal Operator in Fuzzy Hilbert Space And Its Properties	International Organization of Scientific Research-Journal of Engineering (IOSR-JEN)	VOL8, ISSUE7	1-5	2018
2	A.Radharamani, A.Brindha,	Fuzzy Unitary Operator In Fuzzy Hilbert Space And Its Properties	International Journal of Research And Analytical Reviews (IJRAR)	VOL5 , ISSUE4	258- 261	2018

3	A.Radharamani, A.Brindha,	Fuzzy Hyponormal Operator In Fuzzy Hilbert Space	International Journal of Mathematical Archive(IJMA)	VOL10 , ISSUE1	6-12	2019
4	A.Radharamani, A.Brindha,	Fuzzy Partial Isometry Operator And Its Characteristics	International Organization of Scientific Research-Journal of Engineering (IOSR-JEN)	VOL9 , ISSUE8	54-58	2019
5	A.Radharamani, A.Brindha,	On Some Fuzzy Hyponormal Operators	Malaya Journal of Matematik(MJM)	VOL7 , ISSUE 4	607- 611	2019
6	A.Radharamani, A.Brindha,	Fuzzy Paranormal Operators	International Journal of Engineering And Advanced Technology (IJEAT)	VOL9 , ISSUE1	3123- 3127	2019
7	A.Radharamani, A.Brindha,	Some Expansion Of Fuzzy Paranormal Operators	International Journal of Recent Technology And Engineering (IJRTE)	VOL8 , ISSUE4	11862- 11866	2019
8	A.Radharamani, A.Brindha,	M-Fuzzy Hyponormal operators	Malaya Journal of Matematik (MJM)	VOL8 , ISSUE3	815- 821	2020
9	A.Radharamani, A.Brindha, S. Maheswari	Intuitionistic Fuzzy Hilbert Space and Some Properties	International Organization of Scientific Research-Journal of Engineering (IOSR-JEN)	VOL8 , ISSUE 9	15-21	2018

10	A.Radharamani S. Maheswari	Intuitionistic Fuzzy Adjoint and Intuitionistic Fuzzy Self - Adjoint Operators in Intuitionistic Fuzzy Hilbert Space	International Journal of Research and Analytical Reviews (IJRAR)	VOL5 , ISSUE4	248- 251	2018
11	A.Radharamani S. Maheswari	Intuitionistic Fuzzy Normal Operator on IFH-space	International Journal of Recent Technology and Engineering (IJRTE)	VOL9 , ISSUE1	1920- 1923	2020
12	A.Radharamani S. Maheswari	Intuitionistic Fuzzy Unitary Operator on Intuitionistic Fuzzy Hilbert Space	Malaya Journal of Matematik (MJM)	VOL8, ISSUE3	782- 786	2020
13	A.Radharamani S. Maheswari	Intuitionistic Fuzzy Partial Isometry Operator	International Journal of Mathematical Archive. (IJMA)	VOL11 , ISSUE6	1-6	2020
14	A.Radharamani S. Maheswari	Intuitionistic Fuzzy Hyponormal Operator in IFH-Space	International Organization of Scientific Research-Journal of Engineering (IOSR-JEN)	VOL10 , ISSUE6	7-13	2020
15	A.Radharamani S. Maheswari	On Some Intuitionistic Fuzzy Hyponormal Operators	Malaya Journal of Matematik (MJM)	VOL8 , ISSUE3	1278- 1283	2020
16	A.Radharamani T.Nagajothi	Fuzzy Soft Hyponormal Operator in Fuzzy	Strad Research	ISSN: 0039- 2049, Vol 9	234- 242	2023
17	A.Radharamani T.Nagajothi	M-Fuzzy soft hyponormal operator in Fuzzy soft Hilbert space	Journal of Data Acquisition and Processing	ISSN: 1004 – 9037, Vol. 38 (1)	4478- 4489	2023
18	A.Radharamani N.Sathyavathi	(A, Q) - Quasi normal operators by Fuglede – putnam theorem and joint (α, Q) - Quasi normal	Journal of the Asiatic Society of Mumbai	ISSN: 0972- 0766, Vol.	153- 158	

		operators		XCVI, No.12		
23	A.Radharamani and T.Nagajothi	Fuzzy soft Partial isometry operator in Fuzzy Soft Hilbert Space	Madhya Bharati- Humanities and Social sciences	Vol 83 Issue 23	113- 123	2023
24	A.Radharamani and N.Sathyavathi	On $(\alpha, Q)$ Quasi class Q operators	Madhya Bharati- Humanities and Social sciences	Vol 83 Issue 23	124- 128	2023

- i) **Book/Book Chapters** : NIL
- ii) **Patent** : NIL
- iii) **National and International Conferences** 2
- iv) **Conference/workshop Organized** :i)Acts as a Organizing Secretary-  
State Level Workshop  
On LaTeX – One day  
ii)Acts as a Organizing Secretary-  
ICBFL(2023) – Two days
- v) **Resource Person/Invited Lectures** :NIL

**Faculty Development Programs Attended** :

Course	University/Institute	Subject	Period
Orientation Course	Madras University, Chennai	Mathematics	May 4 <sup>th</sup> –June 2 <sup>nd</sup> 2011
Refresher Course in Mathematics and Statistics	Bharathiar university-	Mathematics	Sep11-Oct1, 2013.
Refresher Course in Mathematics and Statistics	Bharathiar university-	Mathematics	July 5-July 25, 2017.
Refresher Course in Environmental Studies	Bharathiar university-	Inter Discipline	Feb 6 – Feb 9 , 2120
Refresher Course in Mathematics	Ramanujan College, New Delhi	Inter Discipline	March 16-March30, 2021
Refresher Course in Environment and Human Health	Ramanujan College, New Delhi	Inter Discipline	28 March-11 April 2022

**Academic Activities** :

- i) Subject Handled**
- ii) Class Advisor**
- iii) Special Coaching**
- iv) Student Community Beneficial Activities**
- v) Co-curricular and extracurricular activities: Nil**

**Professional Activities**

- i) Reviewer** : Nil
- ii) Board of Studies/UR** : Nil
- iii) Examiner/Scrutiny** : Examiner in (UG/PG) board  
(Mathematics)
- iv) Senate/Syndicate** : Nil

**National/ International Collaborators** : Nil