

# PROFILE



## PERSONAL DETAILS

**Name** : **Dr. A. Pandiarani**  
Date of Birth : 13.05.1968  
Qualification : M. Sc., M. Phil., PGDCA, Ph. D  
Designation : ASSOCIATE PROFESSOR  
Department : MATHEMATICS  
Community : MBC  
Nationality : INDIAN  
Email ID : [raniseelan\\_92@yahoo.co.in](mailto:raniseelan_92@yahoo.co.in)

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	Sequence Spaces, Functional Analysis	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2012
SET /NET				
PGDCA		Madurai Kamaraj University	Madurai Kamaraj University	1995
M.Phil	Mathematics	Adithanar College, Tiruchendur	Manonmaniam Sundaranar University	1991
M.Sc	Mathematics	V.O.C College, Tuticorin	Manonmaniam Sundaranar University	1990
B.Sc	Mathematics	St.Mary's College, Tuticorin	Manonmaniam Sundaranar University	1988
H.Sec.		Victoria Girls Higher Secondary School, Thoothukudi	State Board	1985
SSLC		Victoria Girls Higher Secondary School, Thoothukudi	State Board	1983

**ACADEMIC IDENTITY**

*VIDWAN ID	432570
*ORCID ID	<b>0009000414434640</b>
*SCOPUS ID	<b>34978965700</b>
*RESEARCHER ID/ PUBLONS ID	
GOOGLE SCHOLAR LINK	

**TEACHING EXPERIENCE**

<b>Date of Appointment</b>	03.04.1996
<b>Date of Retirement</b>	31.05.2028
<b>Teaching Experience</b>	28 Years
<b>UG</b>	28 Years
<b>PG</b>	28 Years
<b>Research</b>	9 Years 7 Months

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
B. Sc Mathematics	St. Mary's College, Thoothukudi	1994	1995	1 year 2 Months
B. Sc Mathematics	G. Venkataswamy Naidu College, Kovilpatti.	1996	2024	27 Years 11 Months
M.Sc Mathematics	G. Venkataswamy Naidu College, Kovilpatti.	1996	2024	27 Years 11 Months

**AWARDS RECEIVED**

1.	Dr. APJ Abdulkalam Life Time Achievement Award
2.	Abirami Parratu Patayam Award
3.	Gnanaguru Award

<b>ADMINISTRATIVE EXPERIENCE</b>			
<b>S. No</b>	<b>DESIGNATION</b>	<b>INSTITUTIONS</b>	<b>YEAR</b>
1	NSS PO	GVN College	1998-2001
2	Convener UGC Sponsored State level	GVN College	2006
3	Convener YRC, Fine Arts Club, Youth Welfare Club	GVN College	2019-2022
4	Convener Womens Cell	GVN College	2022-2023
5	Member (CDC Cell)	GVN College	2019-2022
6	Convener Planning and Evaluation Committee	GVN College	2023 – till date
7	Members of Various Academic Clubs	GVN College	1996
8	College Committee Member	GVN College	2023 – Till date

<b>ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE</b>			
<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Interdisciplinary Orientation Programme	UGC	Bharadhidasan University, Trichy 20.05.2000 to 16.06.2000
2	Refresher Course on Mathematics	UGC	MS university 21.01.2001 to 11.12.2001
3	Refresher Course on Rural Development- An Inter Disciplinary Approach	UGC	Gandhigram Rural University, 08.09.2005 to 28.09.2005
4	Refresher Course on Mathematics	UGC	Bharathiar University 27.01.2007 to 16.02.2007
5	Training Program on IT for Non IT Staff	G.V.N College, Kovilpatti	G.V.N College, Kovilpatti 27.01.2012 to 28.01.2012
6	Staff Competence Building Programme	UGC	G.V.N College, Kovilpatti 03.06.2014 to 04.06.2014
7	Faculty Development Programme on Personal and Professional Transformation	G.V.N College, Kovilpatti	G.V.N College, Kovilpatti 01.12.2016 to 02.12.2016

8	Faculty Development Programme on Effective Teaching Pedagogy and Enabling Positive Values	G.V.N College, Kovilpatti	G.V.N College, Kovilpatti 24.04.2018
9	Faculty Development Programme on One day Orientation Programme on Re-accreditation Process	G.V.N College, Kovilpatti	G.V.N College, Kovilpatti 25.04.2019
10	Faculty Development Programme on Stress Management	G.V.N College, Kovilpatti	G.V.N College, Kovilpatti 13.06.2019
11	Faculty development programme	St. Joseph's Institute of technology	St. Joseph's Institute of technology 23.7.2020 to 25.7.2020
12	Faculty development programme	The Quaide milleth college for men	The Quaide milleth college for men 21.7.2020 to 22.7.2020
13	Faculty development programme on NAAC Accreditation Process and SSR Preparation	G.V.N College, Kovilpatti	GVN College, Kovilpatti, 9.12.2023

## DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D	Contributions to Sequence Spaces and Fuzzy Sequence Spaces	Manonmaniam Sundaranar University
M.Phil	Theory of Categories	Manonmaniam Sundaranar University
M.Sc		Manonmaniam Sundaranar University
B.Sc		Manonmaniam Sundaranar University

## AREAS OF RESEARCH

Sequence Spaces
Analysis
Functional Analysis
Topology

**PH.D. THESIS ADJUDICATED:**

S.No	Name of the University	Title of the Thesis/ Name of Candidate/Year	
1	Manonmaniam Sundaranar University	S. Shanmugavel	2023
2	Manonmaniam Sundaranar University	B. Essakiammal @ Shunmugam On Certain Sequence Spaces and its Related Topics	2020 (Ongoing)
3	Manonmaniam Sundaranar University	S. Maheswari A Study on Ideal Statistical Convergence of Paranormed Sequence Spaces	2020 (Ongoing)
4	Manonmaniam Sundaranar University	S. Sasirekha A Study on Poisson Distribution	2020 (Ongoing)
5	Manonmaniam Sundaranar University	P. Karthik Sankar A Study on Some New Classes of Sequences and their Applications	2021 (Ongoing)
6	Manonmaniam Sundaranar University	G. Jethruth Thresa A Study on Ideal Topological Space	2021 (Ongoing)
7	Manonmaniam Sundaranar University	M. Sankaranarayanan A Study on Generalized Cayley Graphs of Finite Groups	2021 (Ongoing)

**RESEARCH PROJECTS**

S. No	Organization	Title of the Project	Year	Amount Sanctioned
1.	UGC	A Study Generalized Entire Sequence Space and Generalized Hahn Sequence Space of Fuzzy Numbers	2014-2015	Rs. 1,82,421/-

**PUBLICATIONS**

BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	

<b>PUBLICATIONS: BOOKS</b>			
<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>
1.			
2.			

<b>BOOK CHAPTERS</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>
1.			
2.			

<b>PUBLICATIONS: SCOPUS INDEXED JOURNALS &amp; WEB OF SCIENCE</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>
1.	Duals of vector sequence spaces	Int. Journal of Math. Analysis	Vol:3, No: 16, Pg: 779- 785, 2009
2.	On some new sequence spaces and their matrix transformations	Global Journal of Pure and Applied mathematics	Vol : 6, No : 2, Pg: 117-124, 2010
3.	Sectional Analyticity in Sequence Spaces	J. Korean Soc. Math. Educ. Ser. B: Pure Appl. Math.	Vol:17, No: 2, Pg: 151–156 ISSN 1226-0657, 2010
4.	Contributions to sequence spaces and fuzzy sequence spaces	International Journal of Mathematical and Computational Sciences	Vol : 4(8) Pg: 1207-1210, 2010
5.	On the Work-Fields of the Entire Methods1	International Mathematical Forum	Vol : 5(13) pg: 609-614, 2010
6.	On some subspaces of Entire sequence space of Fuzzy Numbers	International Journal of Mathematical and Computational Sciences	Vol : 4 (8), Pg: 1207, 2010
7.	The Hahn sequence space of Fuzzy numbers	Tamsui Oxford	Vol : 27 ISSN: 2222-4424 , pg: 2213-2224, 2011

8.	Some subspaces of generalized entire sequences of fuzzy numbers	Journal of informatics and mathematical sciences	Vol: 3 (2), Pg: 145-154 , 2011
9.	A new class of sequences of fuzzy numbers	International Journal of Pure and Applied Sciences and Technology	Vol : 8, No : 1, Pg: 1-14 ISSN:2229-6107, 2012
10	The Hahn Sequence space of Fuzzy numbers defined by Orlicz function	Elixir appl. Math	Vol: 61, (17177-17184) ISSN: 2229 – 712X, 2013
11	On Some new Sequence space of fuzzy numbers defined by Orlicz function	International Journal of Mathematical sciences and engineering Applications	Vol; 8 (2), 49-58 , ISSN: 0793-9424, 2014
12	The Hahn sequence space of Fuzzy numbers defined by modulus function	International Journal of Mathematics and its Applications	Vol: 4 , 167-174 ISSN: 2347-1557, 2016
13	The Orlicz space of Generalized Entire sequences of fuzzy numbers	International Journal of Mathematical sciences and engineering Applications	Vol:11(1), 79-87, ISSN: 0973-9424, 2017
14	Some classes of generalized entire sequences of fuzzy numbers	IQSR Journal of Mathematics	Vol:13(2), 11-18, ISSN: 23179-765X, 2017
15	Some new classes of Sequence spaces of no- absolute type	International Journal of Pure and Applied Mathematics	Vol:113 (10), 119-128, ISSN:1311-8080, 2017
16	New classes of Sequence spaces defined by Orlicz function	The journal of Analysis	Vol : 27(2) , 365-375, 2019
17	Analytic and Entire duals of a class of sequence of fuzzy numbers	Global Journal of Pure and Applied Mathematics	Vol:14, 1041-1048, ISSN:0973-1768
18	A study of new sequence spaces defined by a sequence of moduli	AIP conference proceedings	2261,030016-1-030016-5 (ISSN 978-0-7354) 2020
19	On Some New Sequence Spaces of non-absolute type	Webology	Vol:17(4) 653-661, 2020
20	The $\alpha$ -, $\beta$ -, $\gamma$ - Duals of the spaces $bs^u(T)$ , $cs^u(T)$ and $cs_0^u(T)$ and its Matrix transformations	Webology	Vol:18(1), 2376-2384, 2021

21	I Statistical convergence in Paranormed space	Advances and Applications in Mathematical Sciences	Volume 21, 2021 page No:715 – 721 (0974-6803)
22	On Paranormed I-Statistically Kothe Toeplitz Duals	Webology	Vol:18, No: 5, (ISSN: 1735-188X), 2021
23	On Some Paranormed Zweier IS-Convergent Sequence Spaces defined by Orlicz function	Journal of Survey in Fisheries Sciences,	Vol: 8, No:3, 554-560, ISSN <b>2368-7487</b> , 2022
24	On Some Sets in Digital Topology	Journal of Fundamental & Comparative Research	Vol:8, 255 – 57 ISSN: 2277-7067, 2022
25	Some New Classes of Sequence Spaces of non – absolute type,	Proceedings of the National Conference on Algebraic Graph Theory, Graph Theory and Analysis	39-43 (ISBN:978-81-965238-3-1) 2023
26	Some New Paranormed Sequence Spaces of non – absolute type	Proceedings of the International Conference on Recent Trends in Mathematics	132-138 2023 (ISBN: 978-93-5890-962-3)
27	On Paranormed Zweier Ideal Statistical Convergent sequence spaces defined by Orlicz function	Proceedings of the National Conference on Algebraic Graph Theory, Graph Theory and	ISBN:978-81-965238-3-1 70-75, 2023
28	On Paranormed Ideal Statistical Convergent sequence spaces defined by Jordan Totient Function	Proceedings of the International Conference on Recent Trends in Mathematics	2023 (ISBN: 978-93-5890-962-3)
29	On Sequence Spaces defined by Orlicz function	Proceedings of the National Conference on Emerging Trends in Pure and Applied Mathematics	(ISBN:978-81-970302-9-1),19-25, 2024
30	On $\bar{\rho}gI$ -Continuous mappings in Ideal Nano Topological Space	Proceedings of the National Conference on	(ISBN:978-81-970302-9-1),31-34,



		Emerging Trends in Pure and Applied Mathematics	2024
31	On Paranormed Difference $\lambda$ -Sequence spaces of non-absolute type	Proceedings of the National Conference on Emerging Trends in Pure and Applied Mathematics	(ISBN:978-81-970302-9-1), 64-69, 2024
32	Properties of the Adjacency Matrix of Generalized Total Graph of Finite Fields	Indian Journal of Natural Sciences	ISSN : 0976-0997 Vol:15(84) 75679-75685 June 2024
33	Properties of the Adjacency Matrix of the Complement of Generalized Total Graph of Finite Fields	Indian Journal of Natural Sciences	ISSN : 0976-0997 Vol:15(85) 78521-78528 August 2024

**PUBLICATIONS: UGC LISTED JOURNALS**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.			
2.			
3.			
4.			
5.			

**PUBLICATIONS: OTHER INDEXED JOURNALS**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1.			

2.			
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**AS A RESOURCE PERSON**

<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	Quiz Club	G.V.N College	G.V.N College 21.01.2015
2.			
3.			

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP****PAPER PRESENTED: National - 6 International - 7**

<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	On Some New Sequence Spaces of non-absolute type		Vol:17(4) 653-661,2020
2.	The $\alpha$ -, $\beta$ -, $\gamma$ - Duals of the spaces $bs^u(T)$ , $cs^u(T)$ and $cs_0^u(T)$ and its Matrix transformations		Vol:18(1), 2376-2384, 2021
3.	I Statistical convergence in Paranormed space		Volume 21. 2021 page No:715 – 721 (0974-6803)
4.	On Paranormed I-Statistically Kothe Toeplitz Duals		Vol:18, No: 5, (ISSN: 1735-188X),2021
5.	On Some Paranormed Zweier IS- Convergent Sequence Spaces defined by Orlicz function		Vol: 8, No:3, 554-560, ISSN <b>2368-7487</b> , 2022
6.	On Some Sets in Digital Topology		Vol:8, 255 – 57 ISSN: 2277-7067, 2022
7.	Some New Classes of Sequence Spaces of non – absolute type,		39-43 2023 (ISBN:978-81-965238-3-1)
8.	Some New Paranormed Sequence Spaces of non – absolute type		132-138 2023 (ISBN: 978-93-5890-962-3)
9.	On Paranormed Zweier Ideal Statistical Convergent sequence spaces defined by Orlicz function		ISBN:978-81-965238-3-1 70-75, 2023
10.	On Paranormed Ideal Statistical Convergent sequence spaces defined by Jordan Totient Function		2023 (ISBN: 978-93-5890-962-3)
11.	On Sequence Spaces defined by Orlicz function		(ISBN:978-81-970302-9-1),19-25, 2024

12.	On $\bar{\rho}gI$ -Continuous mappings in Ideal Nano Topological Space		(ISBN:978-81-970302-9-1),31-34, 2024
13.	On Paranormed Difference $\lambda$ -Sequence spaces of non-absolute type		(ISBN:978-81-970302-9-1),64-69, 2024

### SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP/ ATTENDED:

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	National Symposium on Interdisciplinary applications of Mathematical Modelling	UGC	V.V.V College, Virudhunagar 04.08.2005 to 06.08.2005
2.	State Level Seminar on Recent developments in Algebra and Analysis	UGC	S.R.N.M College, Sattur 02.09.2005 to 03.09.2005
3.	Recent development in Algebraic topology and Analysis	UGC	G.V.N College 21.07.2006 to 22.07.2006
4.	National Seminar on Gandhiji's Ideology, Movements and Impact on Indian Society	UGC	MS University 26.03.2007 to 27.03.2007
5.	International Conference on Functional Analysis and its Applications	UGC, CSIR and NBHM	Scott Christian College 28.11.2007 to 01.12.2007
6.	Seminar on Recent Development in Pure and Applied Mathematics	Tamilnadu State Council for Higher Education	S.R.N.M College 22.08.2008 to 23.08.2008
7.	Golden Jubilee National Symposium on Mathematical methods	IIT Madras	IIT Madras 22.12.2008
8.	National Conference on Recent Trends in Analysis and Graph Theory	MDT Hindu College	MDT Hindu College 11.08.2009 to 12.08.2009

9.	National Conference on Discrete and Fuzzy Mathematics	DST (Government of India)	Karunya University, Coimbatore 11.10.2009 to 12.10.2009
10.	National Symposium on Mathematical Methods and Applications	IIT Madras	IIT Madras 22.12.2009
11.	International Conference on Non-Commutative Rings & Combinatorial Representation Theory	Pondicherry University	Ramanujan School of Mathematical Sciences, Pondicherry University 02.09.2010 to 03.09.2010
12.	State Level Seminar on Functional Analysis & Topology	The Madurai Diraviyam Thayumanavar Hindu College	The Madurai Diraviyam Thayumanavar Hindu College, Thirunelveli 22.10.2010
13.	National Symposium on Mathematical Methods and Applications	IIT Madras	IIT Madras 22.12.2010
14.	National Conference on Non-linear Functional Analysis	UGC	MS University 02.03.2011 to 05.03.2011
15.	National Seminar on Symbolic Computing and Applications	Thiagarajar College of Engineering	Thiagarajar College of Engineering 25.11.2011
16.	Conference on Frontiers of Pure and Applied Mathematics	MDT Hindu College	MDT Hindu College 21.03.2012 to 22.03.2012
17.	National Symposium on Mathematical Methods and Applications	IIT Madras	IIT Madras 22.12.2012
18.	National Seminar on Ramanujan- The Legend of Infinity	DST	St. Mary's College 14.03.2013 to 16.03.2013
19.	National Symposium on Mathematical Methods and Applications	IIT Madras	IIT Madras 22.12.2013
20.	National Symposium on Mathematical Methods	IIT Madras	IIT Madras 22.12.2014

	and Applications		
21.	State Level Seminar on Recent Trends in Mathematics	G.V.N College	G.V.N College 08.10.2014
22.	National Seminar on Recent Trends in Mathematics	UGC	G.V.N College 05.03.2015 to 06.03.2015
23.	National Seminar on Present Scenario in Graph Theory	G.V.N College	G.V.N College 17.03.2017
24.	International Conference on Computational and Applicable Mathematics	The Quaide Milleth College for men	The Quaide Milleth College for men 6.9.2019
25.	National Seminar on Algebra & Graph Theory	G.V.N College	G.V.N College 18.10.2019
26.	International conference	Jamal Mohamed college	Jamal Mohamed college 19.02.2020
27.	International Webinar	Servite arts and Science college,Sogaimalai	Servite arts and Science college,Sogaimalai 3.6.2020
28.	International Webinar	G.V.N College	G.V.N College 4.6.2020
29.	National Workshop	Loyola college	Loyola college 8.6.2020 to 13.6.2020
30.	International Conference	G.V.N College	G.V.N College 15.6.2020
31.	International Conference	St.Mary's College	St.Mary's College 17.6.2020 to 19.6.2020
32.	National Webinar	G.V.N College	G.V.N College 20.6.2020
33.	International Conference	MS University	MS University 11.10.2021 to 13.10.2021
34.	National Seminar	GVN College	GVN College 26.11.2021
35.	International Conference	GVN College	GVN College

			17.02.2023
36.	National Conference on Algebraic Graph Theory, Graph Theory and Analysis	MS University	MS University, Thirunelveli 23.02.2023 24.02.2023
37.	International Conference On Discrete Mathematics And Mathematical Modelling In Digital Era	The Gandhigram Rural Institute	The Gandhigram Rural Institute – Deemed to be University, Gandhigram, Dindigul. 23.03.2023 to 25.03.2023
38.	International Conference on Recent Trends In Mathematics	Sarah Tucker College(Autonomous), Tirunelveli.	Sarah Tucker College(Autonomous), Tirunelveli. 29.03.2023
39.	Workshop	GVN College	G. Venkataswamy Naidu College, Kovilpati 21.07.2023 to 22.07.2023
40.	International Conference On Mathematical Modelling, Analysis and Computing	Holy Cross Arts and Science College for Women	Holy Cross Arts and Science College for Women, Thirupattur 21.10.2023 to 22.10.2023
41.	International Conference on Applied Analysis and Discrete Mathematics(ICAADM-2024)	The Gandhigram Rural Institute	The Gandhigram Rural Institute – Deemed to be University, Gandhigram, Dindigul. 22.01.2024 to 24.01.2024
42.	National Conference on Emerging Trends in Pure and Applied Mathematics	G.V.N College	G.V.N College 11.03.2024

### SEMINARS/ CONFERENCES / WORKSHOP ORGANISED :

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Recent development in Algebraic topology and Analysis	G.V.N College	G.V.N College 21.07.2006 to 22.07.2006
2	National Conference on Emerging Trends in Pure and Applied Mathematics	G.V.N College	G.V.N College 11.03.2024

**REVIEWER IN INTERNATIONAL JOURNALS**

<b>S. No</b>	<b>Name of the Journal</b>	<b>Publishers</b>	<b>ISSN/ EISSN</b>
1	American Mathematical Society.	American Mathematical Society	2326-7798.

**MEMBERS IN PROFESSIONAL BODY**

<b>S. No</b>	<b>Name of the Body</b>	<b>Member ID</b>	<b>Location of the Body</b>
1	Life member IMS		Savitri Bai Phule, Pune University, Pune

Date :

Signature