

**Aditanar College of Arts and Science
Virapandianpatnam – 628216
Tiruchendur
Bio - Data**



Name : Dr. S.PASUNKILI PANDIAN

Address : Associate Professor and Head P.G and
Research Department of Mathematics,
Aditanar College of Arts and Science
Virapandianpatnam,

Residential Address : 178, First Middle Street, Thiyagarajanagar,
Tirunelveli 62701

Mobile : 9442079777, 9629870922

Mail : pasunkilipandian@yahoo.com

Date of birth : 14-04-1965

Sex : Male

Languages Known : Tamil, English

Computer Knowledge : M.S Office, C++, Python and
Latex. Type Writing Lower

Academic Qualifications:

Ph.D (Mathematics) Manonmaniam Sundaranar University 2014 Awarded
M.Phil (Mathematics) Madurai Kamaraj University 1990 Awarded
M.Sc. (Mathematics) St. Xavier's College, Palayamkottai. 1989 First Class
B.Ed Madurai Kamaraj University 1994 First Class
PGDCA Manonmaniam Sundaranar University 2002

Employment Details :

Aug 19, 1996 to June 27, 2000	: Lecturer in Mathematics Kongu Engineering College Perundurai, Erode
June 28, 2000 to June 30, 2005	: Lecturer in Mathematics Aditanar College of Arts and Science
July 1, 2005 to July 3, 2010	: Lecturer (S.S) in Mathematics
July 4, 2010 to July 3, 2013	: Lecturer (S.G) in Mathematics
July 4, 2013 to 31 st May 2017	: Associate Professor of Mathematics Aditanar College of Arts and Science
From 1 st June 2017 to Till Date	: Associate Professor & Head P.G and Research Department of Mathematics. Aditanar College of Arts and Science Tiruchendur , Thothukudi District.
Area of Specialisation	: Topology , Graph Theory.
No. of M.Phil Guidance	: 28(Completed)
No. of Ph.D Guidance	: 5 (doing) (Two submitted)
Publications	: National level 12 International 9
Reviewer	: 1. Neutrosophic Sets and Systems 2. ANJAC journal

Programs organised:

1. Organised one day State Level Seminar as Convenor on 24 Jan 2019
2. Organised one day National Level Seminar as Convenor on 19 Aug 2019
3. Organised Quiz competition in Mathematics for UG degree students as Convenor on 10 October 2019
4. Organised Webinar on “ Solving Transportation Problems with Microsoft Excel and Solver” on 27 June 2020 as Convenor.
5. Organised online Mathematical Quiz Competition for UG Mathematics Students on 08 July 2020 as Convenor.
6. Organised Webinar on “ An introduction to different types of Fuzzy sets and its operations” on 26 Apr 2021 as Coordinator.
7. Organised online National level web-Quiz for UG Mathematics Students on November 2021 as Convenor.
8. Organized National Mathematics Day Quiz Contest for UG students on 22 December 2021 as Head.
9. Organised one day International Virtual Conference on Current Scenario in Modern Mathematics (ICCSMM-2022) as Convenor on 04 Feb 2022.
10. Organised one day National Level Seminar on Recent Trends in Algebra and Analysis as Convenor on 18/01/23.

Participation in Conferences : National level Conferences : 20
International Conferences : 7

Resource Person for International Workshop : Devanga Arts College,
Aruppukottai.

Resource Person for Invited talks : 16

Teaching Experience : U.G 26 Years
: P.G 26 Years

Board of Studies:

Member in PG Mathematics Board of Studies, MSU (2020-2023)

Member in M.Phil, PG and UG Mathematics Board, St. Mary's College, Thoothukudi (2020-2023)

Member in PG Mathematics Board, Devanga Arts College, Aruppukottai. (2019-2022)

Member Senate, Manonmaniam Sundaranar University Tirunelveli(2020-2023)

Subject Expert in Interview board for selecting Assistant Professors in Mathematics in aided and self finance Arts and Science colleges.

Member in Professional Bodies:

Indian Mathematical Society - Life Member

Academy of Discrete Mathematics and Applications - Life member

Responsibilities under taken in College/Govt:

S.No	Position	Period	Remark
1	Head of the Department	01/06/2017	Aditanar College
2	Board of Director, College Co-Operative Store	2015-2018	Aditanar College
3	Class Advisor	2012-2015	Aditanar College
4	College Time Table in charge	2017-Till date	Aditanar College
5	Department Library In charge	2007-2009	Aditanar College
6	Computer Lab in charge	2017-till date	Aditanar College
7	M.Sc students Advisor	2017-till date	Aditanar College
8	Deputy Warden	1996-1997	Kongu College
9	Assembly Election/PRO	2021	Tamil Nadu
10	Resource Person-free Coaching -Competitive exams	2021-2022 2022-2023	Aditanar College
11	Resource Person- Coaching –MBA TANCET exams	2023-2024	BBA dept Aditanar College

Title of Research and Dissertations:

Ph.D Topic: A Study On Semistar-preopen sets in Topological Spaces
Manonmaniam Sundaranar University, Tirunelveli

M.Phil Specialisation : Algebraic Number Theory. Madurai Kamaraj University

Responsibilities Undertaken: Member for Doctoral committee for Ph.D candidates of Manonmaniam Sundaranar University, Tirunelveli. SCSVMV Deemed University, Kanchipuram.

Evaluated and acted as **External Examiner for Ph.D** Thesis and Viva-voce Examinations of MKU and SCSVMV Deemed University, Kanchipuram.

Chaired the Paper Presentation session in International Conferences at Loyola College, Chennai and St.Mary's College, Thoothukudi, Rani Anna College for Women, Tirunelveli.

Acted as **Additional examiner**, chief and Chairman for U.G, P.G and M.Phil board of Bharathiar University , Manonmaniam Sundaranar University, St.Xavier's College

Palayamkottai, St. Mary's College, Thothukudi Pope's College Sawyerpuram, Sadakathullah Appa College Palayamkottai and S.R.N.M College, Sattur.

Question Setter for Autonomous Colleges St. Mary's College Thoothukudi, Sadakathullah appa College Palayamkottai, S.R.N.M College Sattur, Holy Cross College Nagercoil, Thiyagaraja College Madurai, Mannar Thirumalai Naicker College Madurai, Pope's College Sawyerpuram.

Resource Person for Distance Education - Contact Class Programme of Manonmaniam Sundaranar University, Madurai Kamaraj University, Bharathidasan University, Tamil Nadu Open University and Annamalai University. Handled both UG and PG classes.

Subjects Handled : Algebra, Differential Equations, Combinatorial Mathematics, Probability and Statistics, Programming in C++, Differential Equations, Operations Research at P.G Level . Research Methodology , Avanced Ananlysis at M.Phil Level.

List of Ph.D Guidance

S.No	Reg.No	Name of the Scholar	Title	Date of Commencement	Status of Work
1	19112102091007	R.Suresh	A New approach to Multi functions using Recent Concepts in Topology	2019	Submitted
2	19222072092002	G.Baby Suganya	Some new notions in Nano Ideal Topological Spaces	2020	Submitted
3	19221272091018	John Sekar.A	Graphs from Finite groups	2019	Doing
4	20222072092002	Maheswari.M	Graph Labeling	2020	Doing
5	21111282092009	Christina Mary.R	Graph labeling	2021	Doing
6					

List of M.Phil Guidance

S.No	Name	Title of Dissertation	Year
1	K.Selvakumariprasha	Types of Q-Ffuzzy Normal subgroups	2021
2	M.Dinesh	A study on regular * open sets	2020
3	V.Sathiya Geetha	A study on S, ideals in lattice	2020
4	P.Mahalakshmi Pradeepa	Fuzzy g*s sets in F-Toplogical	2019
5	C.Ananthi	Boolean like Gamma ring	2019
6	S.Sabarina subi	On 3 modulo cordial graph	2019
7	G.jeyantha	On supra semi open sets	2019
8	R.Manica eswari	D-Mean cardial graphs	2017
9	K.Absna Banu	A study on B≠open sets	2017
10	c.Ahila	A study on AC- Algebra	2015
11	G.Baby Suganya	Magic 5abelling in Graph	2015

12	J.Vincy Poppy	On lamda closed sets and continuous mappings	2016
13	K.Kalaivani	A study on Graphoidal cover	2014
14	A. Ponselvakumari	Perfect graphs of strong domination	2007
15	A.Abitha Sherine	A study on generalized $b \neq$ continuous maps	2018
16	V.Ananthasuruthi	Some open functions using semi star preopen sets	2018
17	S.Palani Lakshmi	A study on semi I open sets	2016
18	Orlineon Fernando	A study on Domination	2007
19	B.Vasantha seela Nirmala	Roman domination in graphs	2007
20	G.Umadevi	Fuzzy Hyper BCK ideals	2006
21	C.vijaya kumar	Hamiltonian properties	2006
22	S.Murugaperumal	Graph labeling	2006
23	D.kiruba packiarani	On perfect strong domination	2007
24	M.Maheswari	Graph labeling	2007

List of P.G. Projects Guided

S.No	Name	Title of the Project	Year
1	A.Saraswathi	An Introduction to Finite Automata	2008
2	S.Chandra	Introduction to Vector Spaces Related to Graphs	2008
3.	R.Vijitha	Study on Matrix Algebra in Numerical Analysis	2009
4.	M. Ganesan	Regular Elements in a Ring	2009
5.	J. Delphia	Tensor Product of Modules	2012
6.	V. Umamaheswaran	A Study on Entropy	2012
7.	P. Saraswathi	Near Rings	2012
8.	T.Nithya	A study on Elements of Convex Analysis	2013
9.	M.Muthuselvi	A Study on Semi-Group	2013
10.	E. Manikandan	The Eigen Values of Graphs	2013
11.	C.Ravi Varman	A Study on α -open Sets	2013
12.	A.Jeya Rosy	Study on Regularity-Principal Ideal Rings	2013
13.	P.Mekala	A Study on Convergence of Nets and Convergence of Filters	2013
14.	K. Nithya	A Study on Graceful Graphs	2014
15.	R. Sathya	A Study on Mean Graph	2014
16.	P.Gowri	A Study on Near-Rings	2014

17.	R.Sindhu Alias Murugananthi	Study on BCH-Algebra	2015
18.	A.Viji	A study on Q Star sets in Topological Spaces	2015
19.	A.Thansheela Approse	A Study on θ -Semi Open Sets	2015
20.	S. Vani	A Study on Soft Set Relations and Functions	2016
21.	K.Jegatha	A Study on Boolean Like Rings and Boolean Like Near-Rings	2016
22.	C. Anithakumari	A Study on (Q,L)-Fuzzy Subrings of a Ring and (Q,L)- Fuzzy Subsemirings of a Semiring	2016
23.	M.Abirami	A Study on Product Cordial Labeling	2018
24.	S.Savithri	A Study on Prime Labeling Techniques	2018
25.	L.Anusha	A Study on Edge Paper Sum Labeling	2019
26.	M. Rajeshwari	Super total Graceful labeling For Caterpillar Graphs	2019
27.	S.Aswini	A Study on Square Sum Graph	2020
28.	R. Antony Christopher	A Study on Lucky Edge Labeling and Lucky Edge Neighborhood Labeling	2020
29.	G.Alageswari	A Study on Cordial Labeling	2021
30.	M.Sivaparvathi	A study on Soft Group	2021
31.	S.Emi Grena	A Study on b-open & $b^\#$ -open Sets in Topological Spaces	2022
32.	E.V. Arulmozhi	A study on g^{**} -closed Sets and g^*s^* -closed Sets in Topological Spaces	2022

Participation in Seminars and Conferences:

Date	Title of the Conference	National/International	Sponsor
27/02/1999	Conference(National)	Gobi Arts and Science	UGC
17/03/2004	One day Seminar	M.S. University	UGC
21/04/2005	One day Seminar	Vivekananda College	Mgt
25/05/2005	One day Seminar	Vivekananda College	DST
27/03/2006	State level Seminar	Govindammal College	Mgt
04/03/2006	State level workshop	St.Xaviers College	Mgt
22/07/2006	State level Seminar	G V N College	UGC
27/12/2006 30/12/2006	72 nd Annual conference	The Indian Mathematical Society	DST
05/12/2007 07/12/2007	National Conference	M.S.University	self
21/02/2008 23/02/2008	Work shop on Matlab	St.Xaviers College	Mgt
04/02/2009 06/02/2009	National Conference	M.S. University	UGC
23/10/2009	National Seminar	All Saints College	UGC

27/12/2009 30/12/2009	Platinum 74 th Annual Conference IMS	Kalasalisingam University	DST
15/02/2010	State Level Seminar	Aditanar College	Mgt
17/03/2010 20/03/2010	Instructional Work shop	M.S.University	DST SAP
24/02/2011 25/02/2011	National Conference	St.Xaviers College	Mgt
03/03/2011 05/03/2011	National Conference	M.S.university	DST
27/08/2011	Research Oriented lecture series	DMI Engg. College	DST
06/03/2012 07/03/2012	National conference	Sadakathullah Appa College	Mgt
30/09/2014 01/10/2014	Promotion of Yoga, Health Awareness	National Seminar Aditanar College	UGC
15/07/2015 17/07/2015	National Conference on Discrete Mathematics and Its Applications	National conference Department of Mathematics, MSU Tirunelveli	UGC, DST and CSIR
23/09/2016	Physical and Mental Health	State level	UGC
07/10/2016	ICT Enhanced Learning	National level Workshop IQAC Aditanar College	UGC
27/02/2017	Recent trends in Topology	National Seminar Sarah Tucker College Palayamkotai	UGC
11/08/2017	International Workshop on Pure and Applied Maths	International workshop Devangar Arts College, Aruppukotai	UGC
05/01/2018	State Level workshop	Department of Business Administration, Aditanar College, Tiruchendur	
08/01/2018 09/01/2018	International Conference on computing Sciences	International Conference, Loyola College Chennai	
11/01/2018	International Conference on Applications of Mathematics	International Conference St.Mary's College Thoothukudi	
16/11/2018 17/11/2018	International Conference on Computing Sciences	International Conference Loyola College Chennai	
24/01/2019	Recent Trends in Pure and applied Mathematics	State Level Department of Mathematics, Aditanar College Tiruchendur	Management
11/02/2019 12/02/2019	Instructional School on Emerging trends in Advanced Mathematics	State Level. St.Mary's College, Thoothukudi	NBHM
15/02/2019	Emerging Trends in Applicable mathematics	National Level. DonBosco College Thoothukudi	
09/08/2019	International on Human rights and IPR	Aditanar College	IQAC
26/09/2019	State level seminar on Exemplary Lifestyle	Aditanar College	Mgt
16/10/2019	Indian Economy: National level Seminar	Aditanar College - Dept of Economics	Mgt
13/02/2020	National Seminar- Modern Advances in Pure and Applied Mathematics	Pope's College Sawyerpuram	UGC

02/07/2020	Adapting to online teaching- Opportunities and Challenges faced by teachers	Institute of Advanced Study in Education, Chennai	Webinar
25/02/2021	SCOPE project presentation Acted as Judge	SAMAGRA SHIKSHA	ADPCRMSA
2022	On Nano ideal generalized quotient mapping	Sri Ramakrishna College Coimbatore presented	

As Resource Person in Workshops and in Mathematics Association Meetings:

Date	Title	College	Association/Seminar/ Conference/Workshop	Role
22/09/2009	Problems in Statics	Govindammal College Tiruchendur	Association meeting	Guest lecture
16/10/2014	Cryptography	Govindammal College	Association meeting	Guest Lecture
09/02/2016	Number System	Wavoo Wajeeha Kaylpatnam	Association meeting	Chief Guest
30/09/2016	Conducting Competition	Wavoo Wajeeha Kaylpatnam	Association meeting	Judge
31/07/2017	Mystical Number 7, Golden Ratio	SCSVMV. Kanchipuram	Association meeting	Guest Lecture
01/09/2017	History of Mathematicians	Govindammal Tiruchendur	Association meeting	Guest Lecture
11/08/2017	Digital Topology	Devanga Arts College Aruppukottai	International Workshop Sponsored by UGC	Resource Person
09/02/2018	Limits and continuity	Vivekananda College Agasteeswaram	Association Meeting	Chief Guest
18/06/2018	Engineering Mathematics	Anna University Thoothukudi Campus	FDTP Programm	Resource Person
25/10/2018	Conducting Competition	Aditanar College Tiruchendur	IQAC and Tamil Nadu Election Commission	Judge
27/09/2018	History of Mathematics	Sri Sarada College Tirunelveli	Srinivasa Ramanujan Forum	Guest Lecture
14/02/2019	Limits and Continuity	Pope's College Sawyerpuram	Guest lecture	Resource person
14/03/2019	About Mathematicians	K.G.S College Srivaikuntam	Guest Lecture	Resource Person
28/02/2022	Mathematical Sciences	Aditanar College Tiruchendur	National Science Day	Resource Person
25/03/2022	Mathematics in Real life	Rani anna College Tirunelveli	Mathematics Association Meeting	Resource Person
26/01/2023	74 republic Day AditanarCollege	Aditanar College Tiruchendur		Chief guest

Publications:

Title	Name of the Journal	ISSN	Year of Publications
On Intuitionistic $b\#$ closed sets in Intuitionistic topological spaces	Mathematical Sciences	2278-8697	2018 Special issue Volume 7
On $b\#$ generalised closed sets in Topological spaces	International Journal of Mathematical Archive	2229-5046	2017 8(5)
3-modulo difference cordial labelling on some graphs	International Journal for Science and advance research in technology	2395-1052	March 2019 Volume 5 Issue 3
Some Allied Open Functions via semi star preopen and preopen sets in Topology	Seventh Sense Research Group	2231-5373	2018 Volume 56 Issue 6
On Contra approach to multi Continuity	Abstract Book- International Conference on Current Scenario in Pure and Applied Mathematics	Kongu Nadu Arts and Science College, Coimbatore	2022
Neutrosophic Nano Generalized Homeomorphism	e-Proceedings International Conference on Mathematical Techniques and Applications SRM Institute of Science and Technology Chennai		e-ICMTA-2021
A New Class of Nano Ideal Generalized Closed Set,	International Journal of Mechanical Engineering	0974-5823	Scopus December 2021,
A new class of nano local function	International Journal of Mechanical Engineering	0974-5823	Scopus Jan2022
On Nano Ideal Generalized Scattered Spaces	Mathematical Statistician and Engineering Applications	2094-0343	Scopus 2022
Nano Generalized Homeomorphism	AIP Conference Proceedings	0094-243X,	Scopus
Characteristics of Nano Ideal Generalized Closed Set	Stochastic Modeling and Applications	0972-3641	UGC June2022
$B\delta g$ -Separation Axioms	Turkish Journal of Computer and Mathematics Education	2249-2254	2021 Volume 12 No. 13
On Contra $nI s_{\alpha} g$ – Continuity in Nano Ideal Topological Spaces	Turkish Journal of Computer and Mathematics Education	1309-4653	Peer reviewed2022

On Some New Notions using $nJs_{\alpha}g$ – Closed Sets in Nano Ideal Topological Spaces.	Kala Sarovar Journal	0975-4520	2022
On $nJs_{\alpha}g$ – submaximal spaces.	Research and Reflections in Education, UGC Care List	0974-648X(P)	2022
Strong forms of b-continuous Multifunctions	Ratio Mathematica – Journal of Mathematics, Statistics and Applications	1592-7415	Scopus 2023
On rho-lambda continuity using b-open sets	NeuroQuantology	1303-5150	Scopus 2022
On contra Approach to Multi continuity	NeuroQuantology	1303-5150	Scopus 2022
Non-commuting graphs on Dihedral groups	Journal of Acquisition and processing	1004-9037	SCI 2023
Wiener Index number of Class of Commuting Graphs	Proceedings of national seminar. G.V.N College	978-81-955139-2-5	RTGT'21
On Some New Notions using $nJs_{\alpha}g$ – Closed Sets in Nano Ideal Topological Spaces.	Kala Sarovar Journal	0975-4520	2022
On $nJs_{\alpha}g$ – homeomorphism	Eur.Chem.Bull 2023	12(8) 6911-6919	Scopus 2023
On the graphs associate to finite groups	Eur. Chem.Bull		Scopus 2023

As Subject Expert in Selection Committee for the post of Assistant Professor of Mathematics and CAS for College Teachers:

Date	Name of the College	Role
19/05/2018	TMM College Kulathur Thoothukudi	Member, Interview Board
11/02/2019	Ayya Nadar Janaki Ammal College.Sivakasi	M.Phil Colloquium Examiner
23/09/2020	Kamaraj College Thoothukudi	Subject Expert
23/02/2022	Aditanar College, Tiruchendur	Head of the Department
30/08/2022	KGS Arts College Srivaikuntam	Subject Expert for CAS
26/03/2022	V.O.C College, Thoothukudi	Subject Expert for CAS
08/03/2023	V.O.C College, Thoothukudi	Subject Expert for CAS
06/04/2022	M.D.T Hindu College Tirunelveli	Subject Expert for CAS
20/05/2022	T.D.M.N.S College T.Kallikulam	Subject Expert for CAS
24/03/2023	Aditanar College, Tiruchendur	Head of the Department
15/04/2023	P.K.C College Nagercoil	Subject Expert for CAS
09/05/2019	APC College Thoothukudi	M.Phil Viva-Voce
06/07/2023	T.D.M.N.S College T.Kallikulam	Subject Expert for CAS

20/07/2023	T.D.M.N.S College T.Kallikulum	Subject Expert for CAS
28/07/2023	Rani Anna College for women Tirunelveli International Conference	Chair person for Paper presentation session.
08/01/2018	International Conference on Computing Loyola College	Chaired the paper presentation session ICCS2018
16/11/2018	International Conference on Computing Loyola College	Chaired the paper presentation session ICCS2018-19

Curriculum Development:

1	MSU 43 rd Senate meeting	Member	19/02/2021
2	BOS meeting MSU, Tirunelveli	Member	22/02/2021
3	BOS meeting St Mary's College	Member	27/02/2021
4	BOS meeting, Devanga Arts College Aruppukottai	Member	04/11/2019

Courses Attended:

S.No	Course	Organizer	Date	Days
1	Orientation	University of Kerala	18/07/2002 to 14/08/2002	28
2	Refresher	University of Kerala	27/01/2005 to 16/02/2005	21
3	Refresher	Bharathiar University	27/01/2007 to 16/02/2007	21
4	Refresher	University of Kerala	17/11/2009 to 08/12/2009	21

Edited/ Authored Proceedings of Seminar/Conferences/Books

No	Title	Book/Proc	ISBN
1	Recent Trends in Algebra and Analysis	Proceedings	978-93-94293-15-1
2	Current Scenario in Modern Maths	Proceedings	978-81-948552-9-3
3	Emerging Trend in Pure Maths	Proceedings	-----
4	Ordinary Differential Equations	Book	978-81-962277-2-2

Dr. S. Pasunkili Pandian