

Dr. V. SEENIVASAN
ASSOCIATE PROFESSOR

Address : Department of Mathematics
University College of Engineering Panruti
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Date of Birth : 30-04-1965 .

Marital Status : Married

Teaching experience: (i) U.G. Level : 30 Years
(ii) P.G. Level : 08 Years

Present Position

- **Associate Professor**, Department of Mathematics, University College of Engineering Panruti **from October 2012.**

Present Additional Administrative Responsibility

- **Head of the Department**, Department of Science and Humanities, University College of Engineering Panruti **from December 2019.**
- **Executive Warden/Hostel**, University College of Engineering Panruti **from October 2019.**

Previous Positions

- **Assistant Professor (SG)**, Department of Mathematics, Anna University Tiruchirappalli /Anna University of Technology Tiruchirappalli-Panruti Campus **during 1st October 2009 (FN) and 30th September 2012.**

Previous Additional Administrative Responsibility

- **HODi/c**, Department of Mathematics, University College of Engineering Panruti **during January 2019 and November 2019.**
- **NSS Programme Officer**, University College of Engineering Panruti (Anna University Chennai) **during March 2013 and July 2016.**
- **HODi/c**, Department of Mathematics, University College of Engineering Panruti **during September 2012 and October 2015.**

- **First Year Coordinator**, Anna University Tiruchirappalli / Anna University of Technology Tiruchirappalli– Panruti Campus during **October 2009 and February 2013**.
- **HODi/c**, Department of Mathematics, Anna University Tiruchirappalli /Anna University of Technology Tiruchirappalli– Panruti Campus during **October 2009 and July 2012**.
- **Co-coordinator** of Tamilnadu Engineering Admission 2018 at TNEA Facilitation Centers, UCE PANRUTI.

Other Employment

Name & Address of the Institution / Organization	Name of the Post held and status (Regular/ Temp.)	Pay drawn & Scale of Pay	Period of service		Duration		
			From	To	Y	M	D
JAWAHAR SCIENCE COLLEGE, NEYVELI (Under the aegis of NLC India Limited)	Reader (Regular)	Rs.33,297 & 12000-420-18300	14-05-2009	30-09-2009 (AN)	-	4	17
	Lecturer-Selection Grade (Regular)	Rs.32,264 & 12000-420-18300	01-09-2006	13-05-2009	2	8	13
	Lecturer-Senior Scale (Regular)	Rs. 23,123 & 10000-325-15200	01-08-2000	31-08-2006	6	1	-
	Lecturer (Regular)	Rs.12938 & 8000-275-13500	01-08-1995 (FN)	31-07-2000	5	-	-
	Temporary Basis	Consolidated pay (5Pay Basic only)	25-07-1989	30-04-1995	5	5	-
Total					19	07	-

DEGREE

- ✚ **B.Sc.**, Mathematics (April 1986), St.John's College, Palayamkottai, Madurai kamaraj University, Madurai.
- ✚ **M.Sc.**, Mathematics (May 1988), Department of Mathematics, Annamalai University, Chidambaram.
- ✚ **B.Ed.**, Mathematics (May 1989), Department of Education, Annamalai University, Chidambaram.
- ✚ **M.Phil.**, Mathematics (Aug.1993), Department of Mathematics, Kandaswami kandar's College, P.Velur – 638 182, University of Madras, Chennai.

Note: STATE LEVEL SCREENING TEST, 1990 - conducted by University of Madras, Madras - **Qualified on September 1991.**

Research Degree

- ❖ **Ph.D.**, (May 2008) in Mathematics from Faculty of Science, Department of Mathematics, Periyar University, Salem.
Title: Contributions to the study on some aspects of Fuzzy Irresolute Functions and Invertible Fuzzy Topological Spaces (Mathematics).

Area of Specialization

- Topology, Fuzzy Topology, Intuitionistic Fuzzy Topology and Fuzzy Decision Making.

Research Guidance

Number of Ph.D. Scholars Guided	: 03
Number of M.Phil., Scholars Guided	: 01
Number of Ph.D. Scholars Guiding as Joint Supervisor	: 01

List of Short Term/ Academic Course /FDP:

a. Details of Academic Courses Attended:

Sl. No	Academic Courses Attended	Course Duration	Academic Staff Colleges/ Institution	Grade
1.	Orientation course	30-07-96 to 26-08-96 (4 week)	Academic Staff College, Pondicherry University	---
2.	Refresher Course	05-06-02 to 25-06-02 (3 week)	Department of Mathematics, Annamalai University.	---
3.	Refresher Course	06-11-03 to 26-11-03 (3 week)	Academic Staff College, Pondicherry University.	“A”
4.	Refresher Course	27-10-04 to 16-11-04 (3 week)	Department of Linguistics, Tamil University.	“A”
5	NSS Orientation Course	17 th to 23 rd October 2013 (7 days)	NSS - Empanelled Training Institution, Madras School of Social Work, Chennai	-

b. Programme Organized :

Sl. No.	Programme	Duration	Sponsor
1	Coordinator for the FDTP on MA 2261- Probability & Random Processes	12 th to 18 th December 2012 (7 days)	Centre for Faculty Development, Anna University, Chennai.
2	Coordinator for Science and Technology Capacity Building for Industrial Needs	1 st Phase - 23 th to 25 th July 2014 (3 days) 2 nd Phase - 6 th to 8 th August 2014 (3 days)	Tamilnadu State Council for Science and Technology, Chennai.
3	Coordinator for the FDTP on MA 6151- Mathematics I	24 th to 30 th June 2015 (7days)	Centre for Faculty Development, Anna University, Chennai.

c. Papers presented in National and International (Conferences, Seminars, Workshops, Symposia)

Sl. No.	UGC Seminar/ other Courses attended	Title and Organizers details
1	UGC National Seminar	“Recent Advances in Pure Applied Mathematics” held at Kandaswami Kandar’s College, Velur on 23-08-20003
2	XII Ramanujan Symposium	“Recent Trends in Analysis” held at The Ramanujan Institute for Advanced Study in Mathematics, University of Madras from 2 nd March to 4 th March 2005 and presented a paper “Fuzzy semi α-irresolute functions”
3	National Conference	“On fuzzy mathematics and Graph Theory” Organized by the PG and Research Dept. of Maths, Jamal Mohamed College (Autonomous), Tiruchirappalli on 28-03-2008 and presented a paper “On fuzzy strongly irresolvable spaces”
4	National Seminar	“Fuzzy Mathematical Modelling and Optimization Techniques” organized by Anna University of Technology Tiruchirappalli held on 27 th and 28 th of July 2011 has participated
5	UGC National Level Staff Seminar	“Recent Advancements in pure and applied Mathematics” held at Sri Sarada College for Women(Autonomous), salem on 10 th Feb 2012 participated and presented a paper “Pairwise Fuzzy Alpha*-connectedness between fuzzy sets’
6	National Conference	“Developing Scenario in Applied Sciences and Communicative English” held at Kumaraguru College of Technology, Coimbatore on 2 nd & 3 rd March 2012 and presented a paper “Generalised semi Generalized closed sets in Bitopological spaces” .
7	International Conference on	“Mathematics in Engineering and Bussiness Management” held at Stella Maris College, Chennai on 9-10 March 2012 participated and presented a paper “Fuzzy perfectly beta-irresolute function”
8	International Conference	International Conference on Mathematics and Its Applications (IMAAC-2014)” held at Department of Mathematics, University College of Engineering, Villupuram on 15-17 December 2014 (3 days) chairperson and Presented a Paper “Fuzzy e-Compact Spaces in Fuzzy Topological Spaces”

Book Publications details:

Sl. No	Author(s)	Total number of authors of the Book	Title	Year of Publication	Details of Publishers	ISSB/ISSN number
1	Velupillai Seenivasan	01	Fuzzy Irresolute Multifunctions and Fuzzy Topological Spaces	2012	Lap Lambert Academic Publishing, Heinrich-bocking-STR, 6-8, 66121, Saarbrucken, Germany	ISSB-978365 922763

Papers Published in Journals

Research Papers Published in the **International** Journals : **25**

Research Papers Published in the **National** Journals : **13**

- 1) **Seenivasan V** and Balasubramanian G (2002-03), “The Complementary Fuzzy Topology”, *Mathematical Forum*, (India) Vol. XV pp. 47-53. ISSN No.0972-9852.
- 2) **Seenivasan V** and Balasubramanian G (2006), “On Upper and Lower β -irresolute fuzzy multifunctions”, *Journal of Indian Acad. Math.* (India), Vol. 28, No.2 pp.511-525. ISSN No.0970-5120.
- 3) **Seenivasan V** and Balasubramanian G (2006), “Fuzzy Almost α -Irresolute functions”, *Kochi Journal of Mathematics* (Japan), Vol.1 pp.77-88. ISSN No.1880-5515.
- 4) **Seenivasan V** and Balasubramanian G (2007), “Fuzzy Pre α -irresolute functions”, *The Journal of Fuzzy Mathematics* (USA), Vol.15, No.4 pp. 945-956.ISSN No.1066-8950.
- 5) **Seenivasan V** and Balasubramanian G (2007), “On Upper and Lower semi-irresolute fuzzy multifunctions”, *East Asian Math. Journal* (Korea) Vol.1 pp. 9-22. ISSN No. 1226-6973.

- 6) **Seenivasan V** and Balasubramanian G (2007), “Invertible Fuzzy Topological Spaces”, *Italian Journal of Pure and Applied Mathematics (Italy)* Vol. No.22 pp. 223-230. ISSN No.1126-8042.
- 7) **Seenivasan V** and Balasubramanian G (2007), “Fuzzy semi α -Irresolute functions”, *Mathematica Bohemica (Czech Republic)*, Vol.132, No.2 pp.113-123. ISSN No.0862-7959.
- 8) **Seenivasan V**, Balasubramanian.G and Thangaraj.G (2008), “Somewhat fuzzy pre α -irresolute functions”, *Advances in Fuzzy Mathematics*, Vol.3, No.01 pp.11-18. ISSN No.0973-533X.
- 9) **Seenivasan V**, Balasubramanian.G and Thangaraj.G (2008), “Somewhat fuzzy semi α -irresolute functions”, *CUBO A Mathematical (Brazil)*, Vol.10, No.01, pp.67-75. ISSN No.0716-7776.
- 10) **Seenivasan V** and Balasubramanian G (2008), “On Upper and Lower α -irresolute fuzzy multifunctions”, *Italian Journal of Pure and Applied Mathematics (Italy)*, Vol. No.23, pp. 25-36. ISSN No.1126-8042.
- 11) **Seenivasan V** and Balasubramanian G (2009), “On Upper and Lower Pre-irresolute fuzzy multifunctions”, *Fuzzy Sets, Rough sets and Multivalued Operations and Applications*, Vol.1, No.1, pp.27-38.
- 12) Uma.M.K, Roja.E, Thangaraj G and **Seenivasan V** (2010), “Tietze extension theorem for pairwise ordered fuzzy pre-extremally disconnected spaces”, *The Journal of fuzzy Mathematics (USA)*, Vol.8 (02), pp.473-481. ISSN No.1066-8950.
- 13) **Seenivasan V**, Balasubramanian.G and Thangaraj.G (2010), “Somewhat fuzzy almost α -irresolute functions” *East Asian Math. Journal (Korea)*, Vol.26, No.01, pp.01 08. ISSN No.1226-6973.
- 14) Thangaraj.G and **Seenivasan V** (2011), “On somewhat fuzzy γ - continuous functions” *The Journal of fuzzy Mathematics (USA)*, Vol.19 (2), pp.341-352. ISSN No.1066-8950.
- 15) **Velupillai Seenivasan** (2012), “Pre α -Irresolute and Somewhat Pre α -Irresolute functions”, *Journal of Advanced Studies in Topology*, Vol.03 No.02, pp.45-53. ISSN No.2090-8288.
- 16) **V. Seenivasan** and S. Kalaiselvi (2012), “Generalized Semi Generalized closed sets in Bitopological spaces”, *Elixir Appl. Math*, Vol.46, pp.8446-8450, ISSN No.2229-712X.
- 17) **V. Seenivasan** and S. Kalaiselvi (2012), “Pair wise Fuzzy α^* connectedness between fuzzy sets”, *International Journal of Engineering, Computer Science and Mathematics*, Vol.03, N o.1-2, pp.37-40. ISSN No.0976-6146.

- 18) **V. Seenivasan** and S. Kalaiselvi (2013), “A New Class of Minimal and Maximal Sets via gsg Closed Set”, *Int. Journal of Math. Analysis*, Vol.7, No.52, pp.2595-2609. ISSN No.1312-8876.
- 19) **V. Seenivasan** and S. Kalaiselvi (2013), “Soft gsg-closed Set in Soft Topological Spaces”, *International Journal of Mathematics Trends and Technology*, Vol.04, No.10, pp.196-200. ISSN No.2231-5373.
- 20) **V. Seenivasan** and R.Renuka (2013), “On Intuitionistic Fuzzy semi- α -irresolute functions”, *Annals of Fuzzy Mathematics and Informatics*, Vol.06, No.02, pp.315-323. ISSN No.2093-9310.
- 21) **V. Seenivasan** and R.Renuka (2013), “ Intuitionistic Fuzzy Pre- α -irresolute functions”, *Far East Journal of Mathematical Sciences*, Vol. 72, No. 2, pp.251-267. ISSN No.0972-0871.
- 22) R.Renuka and **V. Seenivasan** (2013), On Intuitionistic Fuzzy slightly precontinuous functions, *International Journal of Pure and applied Mathematics*, Vol. 86 No.6, pp.993-1004.
- 23) R.Renuka and **V. Seenivasan** (2013), *On intuitionistic fuzzy pre- β -irresolute functions*, *Scientia Magna*, Vol. 9, No.2, pp. 93-102.
- 24) R.Renuka and **V. Seenivasan** (2013), “On β -connectedness in intuitionistic fuzzy topological spaces”, *General Mathematics Notes*, Vol.19 No.1. pp. 16-27.
- 25) **V. Seenivasan** and K.Kamala (2013), “Structure Preservation Property Of Fuzzy Perfectly - Irresolute Functions”, *Far East Journal of Mathematical Science*, Vol.73, No.2, pp. 313-322.
- 26) **V. Seenivasan** and K. Kamala (2013), “Some aspects of Fuzzy Completely Gamma-Irresolute functions”, *International Journal of Fuzzy Mathematics and Systems*, Vol. 3, No. 3, pp. 225-232. ISSN No. 2248-9940.
- 27) S. Kalaiselvi and **V. Seenivasan** (2014), “Fuzzy Generalized Semi Generalized Closed Sets”, *International Journal of Pure and Applied Mathematics*, Vol.95, No.3, pp.323-338. ISSN No. 1311 – 8080.
- 28) **V. Seenivasan** and K.Kamala (2014), “Fuzzy e-continuity and fuzzy e-open sets” *Annals of Fuzzy Mathematics and Informatics*, Vol.8, No. 1, pp.141-148. ISSN No.2093-9310.
- 29) R.Renuka and **V. Seenivasan** (2014), “Intuitionistic Fuzzy slightly β -continuous functions”, *Notes On Intuitionistic Fuzzy Sets*, Vol.20, No.1, pp. 45-54.
- 30) **Seenivasan, V & Renuka, R** (2014), “Intuitionistic Fuzzy α -irresolute functions”, *Italian Journal of Pure and Applied Mathematics*, Vol. 33, pp. 71-80.

- 31) **V. Seenivasan** and K.Kamala (2015), “Some aspect of Fuzzy \tilde{e} continuity”, *Annals of Fuzzy Mathematics and Informatics*, Vol.8, No. 1, pp.141-148. ISSN No.2093-9310.
- 32) **Renuka, R & V.Seenivasan,(2015)**, “Intuitionistic Fuzzy pre- α -irresolute open and closed mappings”, *Annals of Fuzzy Mathematics and Informatics*, Vol. 9, No. 4, pp. 615-620. ISSN No.2093-9310.
- 33) Renuka, R & **Seenivasan, V (2015)**, “On Intuitionistic Fuzzy β -Almost Compactness and β -Nearly Compactness”, *The Scientific World Journal*, Vol. 2015, Article ID 869740, pp. 1-5 (**Impact factor 1.219**).
- 34) **Seenivasan V & Kamala K (2016)**, ‘Fuzzy C_e -I(ec, eo) and Fuzzy Completely C_e -I(rc, eo) Functions via Fuzzy e-open Sets’, *The Scientific World Journal*, Vol. 2016, Article ID 869740, pp. 1-7 (**Impact factor 1.219**).
- 35) R.Renuka **and V. Seenivasan (2015)**, ‘Intuitionistic Fuzzy Semi Alpha-irresolute Open and Closed Mappings’, *International Journal of Applied Engineering Research (India)* Vol. 10 No.72 pp.15-18.
- 36) S.Kalaiselvi And **V.Seenivasan, (2017)**, ‘Application of Fuzzy Soft Set in Job Scheduling Problem’, *International Journal of Research in Applied Science and Engineering Technology*, Vol.05 No.III, pp. 173-176. ISSN.2321-9653
- 37) S.Kalaiselvi And **V.Seenivasan, (2017)**, ‘Decision Making in Sports Via Possibility Fuzzy Soft Set’, *International Journal of Research in Applied Science and Engineering*, Vol.03 No.03, pp.12-16.ISSN. 2395-3853.
- 38) K.Kamala and **V.Seenivasan, (2020)**, ‘On upper and lower completely contra e-irresolute fuzzy multifunction’, *Malaya Journal of Matematik*, Vol.8, No.3, pp. 827-831.ISSN (P): 2319-3786.

Invited Lectures

- 1) Delivered a Lecture on “New technology of teaching Mathematics in Higher Secondary level” in “**திறன் மேம்பாட்டுப்பயிற்சி (கணிதம்)**” Seminar of PG Teacher on 13-09-2017 organized by District Institute of Education and Training, Vadalur, Cuddalore District.
- 2) Delivered a Lecture on “Basic concept of Graph Theory” in **FDTP on Discrete Mathematics** on 24th May 2015 organized by Department of Mathematics, University College of Engineering, Villupuram.

- 3) Delivered a Lecture on “Special lecture on Application of Mathematics” in Seminar on “Application of Mathematic” on 22-09-2015 organized by Department of Mathematics Krishnasamy College of Science, Arts and Management of Women, Cuddalore.
- 4) Delivered a Lecture on “Introduction of Queuing Theory and Single server Queueing Models” in **FDTP on Probability and Queuing Theory** on 2nd December 2015 organized by Department of Mathematics, IFET College of Engineering, Villupuram.
- 5) Delivered a Lecture on ” Partial Differential Equations of several variable” in **FDTP on Transforms and Partial Differential Equation** on 25th June 2014 organized by Department of Mathematics, University College of Engineering, Ramanathapuram.
- 6) Delivered a Lecture on “ Algebraic groups-Homomorphism’s and Lagrange’s theorem” in **FDTP on Discrete Mathematics** on 27th June 2013 organized by Department of Mathematics, University College of Engineering Tindivanam, Tindivanam.
- 7) Delivered a Lecture on “Single and Multi server Queuing Models With finite capacity” in **FDTP on Probability and Queuing Theory** on 30th December 2012 organized by Department of Mathematics, University College of Engineering, Villupuram.
- 8) Delivered a Lecture on “Basic concept Queuing Models and Multi Server model with finite capacity” in **FDTP on Probability and Queuing Theory** on 21-12-2012 organized by Department of Mathematics, Muthayammal Engineering College, Rasipuram.
