



Name : Dr. T. Tamizh Chelvam
Designation : Professor
Department / Centre : Mathematics

Educational Qualifications:

- Ph D (1990) in Mathematics from Annamalai University, India.
- PGDCA (1995) from Madurai Kamaraj University, India.
- M.Phil (1985) in Mathematics from Annamalai University, India.
- M.Sc (1982) in Mathematics from Annamalai University, India with first rank among all science post-graduates during 1982.
- B.Sc (1980) in Mathematics from University of Madras, India.

Academic Affiliation:

- Professor of Mathematics at Manonmaniam Sundaranar University, India from 3rd December 2003.
- Reader in Mathematics at Manonmaniam Sundaranar University, India from 30th April 1997 to 2nd December 2003.
- Lecturer (Senior Scale) at Gandhigram Rural Institute, India for the period from 20th June 1990 to 29th April 1997.
- Lecturer in Government Colleges, Directorate of Collegiate Education, Government of Tamil Nadu for the period 25th November 1987 to 6th April 1990.

Professional Affiliation:

- Secretary, Academy of Discrete Mathematics and Applications an International Professional Body, July 2008 to July 2012.
- Life Member, Ramanujan Mathematical Society.
- Life Member, Indian National Science Academy.
- Life Member, Indian Mathematical Society.
- Member, Editorial Board of International Journal of Applied Mathematics.
- Reviewer for International Mathematical Journals.

Training and Consultancy:

- Special Officer, Directorate of Community Colleges, MSU
- Coordinator for UGC-SAP (DRS-I) programme of Department of Mathematics, MSU.
- Member of various academic and administrative committees of various universities including examination automation committee.

- Member of pay fixation committee for employees of MSU during 1998 and 2010.
- Examiner for Board of Setting and Evaluations for many Universities and Colleges.
- Resource person for refresher courses, international conferences and national conferences conducted by various universities and colleges.
- Member of committee formed by Tamil Nadu State Council for Higher Education to design model syllabus for UG Mathematics course.

Area of Research:

- Algebra and Graph theory including Regularity conditions in near-rings, Domination in Graphs, Graphs from algebraic structures and Routing networks for parallel computing.

Publications:

I. No. of Research Papers Published in Refereed International Journals (most significant and recent five out of the total of 56):

1. **Tamizh Chelvam, T.** and Sattanathan, M.,: Subgroup Complementary Cayley graphs, To appear in *International Journal of Algebra*.
2. **Tamizh Chelvam, T.** Mutharasu, M.S., and Rani, I.,: Generalized Cayley Graphs, To appear in *Indian Journal of Mathematics*.
3. **Tamizh Chelvam, T.**, and Asir, T.,: A note on total graph of Z_n , To appear in the *Journal of Discrete Sciences and Cryptography*.
4. **Tamizh Chelvam, T.**, and Grace Prema, G.S.,: Equality of domination and inverse domination numbers, *Ars Combiatoria*, 95(2010), 103-111.
5. **Tamizh Chelvam, T.** and Mutharasu, M.S.,: Efficient and efficient open domination in Bi-Cayley Graphs, *International J. Math. Combin.* No.4 (2010), 56-62.

**II. Books and Monographs:
Books Published**

Year	Title	Publication	National/ Ir	ISBN No.
2009-10	Algebra, Graph Theory and their Applications Edited by T. Tamizh Chelvam S. Somasundaram R. Kala	Narosa Publishing House, New Delhi	National	978-81-8487-069
2009-10	Proceedings of the National Conference on Algebra and Graph Theory Edited by	A publication of Manonmaniam Sundaranar University	National	978-81-908352-4

	T. Tamizh Chelvam R. Kala K. Selvakumar			
2005-06	Reviewer of the +1 text book of Mathematics meant for Higher Secondary students.	Text Book Society of Government of Tamil Nadu	Regional	

Awards:

- Named as one of the best ten professors in Manonmaniam Sundaranar University during 2009-2010.

Declaration

I hereby declare that, the information provided by is true to the best of my knowledge.

T. Tamizh Chelvam