

Name : Dr. S. STALIN KUMAR

Designation : Associate Professor & Coordinator(PG SF)

Department : Mathematics

Date of Joining : 23.09.2004 (Management)
13.09.2007 (AIDED)

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Educational Qualification:

DEGREE	SUBJECT	COLLEGE / UNIVERSITY & PLACE	YEAR COMPLETED
M.Sc	Mathematics	The American College, Madurai	2003
M.Phil	Mathematics	DDE, MKU, Madurai	2004
P.G.D.E.Com	Computer Application	TCPS, Madurai	2002
Ph.D.	Mathematics	Madurai Kamaraj University, Madurai	2017

Specialisation in Teaching:

Number theory, Real Analysis, Topology, Fractal Geometry, Combinatorics, Statistics, Algebra, Operations Research, Programming in C ,Programming in C++, JAVA, WEB Designing. (Both in UG and PG Level)

Specialisation in Research:

Graph Theory, Operations Research

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
Superintendent in Wallace Hall	Nov 2004 to May 2008
Autonomy Coordinator	2006-2013
Senates (Elected Member)	June 2015 to May 2016
Athletic committee Member	2006 to 2023
NCC NAVY Officer	June 2012 to April 2019
Deputy-Controller of Examinations	June 2018 to May 2021
Coordinator-PG Mathematics(SF)	June 2024 onwards

Membership in Professional Bodies:

- Board of Studies Member- Mannar Thirumalai Naicker College, Madurai
- Board of Studies Member – Sourashtra College, Madurai
- External Examiner - Madurai Kamaraj University, Madurai
- External Examiner - Bharathiyar University, Coimbatore
- External Examiner - Fatima College, Madurai
- External Examiner - Arul Ananthar College, Karumathur, Madurai
- External Examiner - The Madura College, Madurai
- External Examiner - S.V.N. College, Nagamalai Pudukottai, Madurai
- External Examiner - Thiagarajar College, Madurai
- External Examiner - Sri Meenakshi Govt. College, Madurai
- External Examiner - Thassim Beevi Abdul Kader College for Women, Kilakarai
- External Examiner - Sri Sankara Arts and Science College, Enathur, Kancheepuram
- External Examiner - A.V.V.M. Sri Pushpam College, Poondi, Thanjavur
- External Examiner - V.H.N.S.N College, Virudhunagar
- External Examiner - PSGR College, Coimbatore
- External Examiner - VVV College, Virudhunagar
- External Examiner - Nehru College, Tiruchy

Conference / Seminar Presentations including Proceedings:

1. Presented a paper on “Private out dominating set on cayley digraphs” in state level seminar organised by ANJAC College, Sivakasi on March 2012.
2. Presented a paper on “H-V-super magic decomposition of complete bipartite graphs”, in DST & INSA sponsored Eight International Workshop on Graph Labelings (IWOGL-2014) at n-CARDMATH, Kalasalingam University, Krishnankoil, from 03-06 December 2014.
3. Presented a paper on “H-E-super magic decomposition of complete bipartite graphs”, in DST & INSA sponsored Eight International Workshop on Graph Labelings (IWOGL-2014) at n-CARDMATH, Kalasalingam University, Krishnankoil, from 03-06 December 2014.
4. Presented a paper on “H-V-super magic decomposition of even regular graphs”, in NBHM & UGC sponsored National Seminar on Recent Advancement on Distance, Domination and Labeling in Graphs (RADDLG-2016) at The Madura College, Madurai, from 21-22 January 2016.
5. Presented a paper on “Private out domination number of Cayley Digraphs” in the International Conference on “Modern Mathematics & its Applications” (NCMMA-2018) organized by the Department of Mathematics, The American College, Madurai from 22-23 January 2018.
6. Presented a paper on “Private in domination number of Cayley Digraphs” in the International Conference on “Modern Mathematics & its Applications” (NCMMA-2018) organized by the Department of Mathematics, The American College, Madurai from 22-23 January 2018.

Publications (International)

1. "H-V-Super magic decomposition of complete bipartite graphs" Electron. Notes in Discrete Math., ISSN: 1571-0653, 48(2015), 231-233.
2. "H-E-Super magic decomposition of complete bipartite graphs" Electron. Notes in Discrete Math., ISSN: 1571-0653, 48(2015), 297-300.
3. "H-V-Super magic decomposition of complete bipartite graphs", Communications of Korean Mathematical Society, ISSN: 2234-3024, 30(2015), No.3, 313-325.
4. "Mixed cycle-E-super magic decomposition of complete bipartite graphs", Journal of Algorithms and Computation, ISSN: 2476-2784, 46(2015), No.4, 35-50.
5. "A Mathematical Modeling of campus information system", Romanian Journal of Mathematics and Computer Science, ISSN: 2247-689X, 6(2016), No.6, 47-60.
6. "On super edge-magicness of double star", Journal of Computer Science Applications and Information Technology, ISSN: 2474-9257, open access, 1-3.
7. "H-V-Super-Strong-(a,d)-antimagic decomposition of complete bipartite graphs, Ars Combinatoria, 157 (2023) 73-80.

Communicated Papers:

1. "H-E-Super magic decomposition of complete bipartite graphs", Thai Journal of Mathematics.
2. "Mixed cycle-E-super magic decomposition of complete bipartite graphs", Journal of Algorithms and Computation (JAC).
3. "H-V-Super Magic Decomposition of Even Regular Graphs" to Electronic Journal of Graph Theory and Applications (EJGTA).

Orientation / Refresher Courses Attended:

Name of the Course	Place	Duration	From – To (mention date here)
Refresher Course in Mathematics	UGC Academic Staff College Madurai Kamaraj University, Madurai- Tamil Nadu	21 Days	23/02/2011 to 15/03/2011
Orientation Programme	UGC Academic Staff College Madurai Kamaraj University, Madurai- Tamil Nadu	28 Days	16/05/2012 to 12/06/2012
Refresher Course in Mathematics	UGC Academic Staff College Madurai Kamaraj University, Madurai- Tamil Nadu	21 Days	25/11/2015 to 15/12/2015
Refresher Course in Mathematics	Teaching Learning Centre, Ramanujan College, University of Delhi	15 Days	31/08/2021 to 14/09/2021

Project Guided:

Number of M.Phil. Students: 5

Number of M.Sc. Students: 6 (Up to 2024)

Conferences / Seminars / Workshop attended (International / National):

1. National Level Symposium on Frontiers in Mathematics, conducted by the Department of Mathematics, The American College, Madurai on 03.04.2007.
2. International Lecture Series on Algebra and its Applications (Multi Campus Programme) organized by Department of Mathematics of a) Thiagarajar College of Engineering, b) Mannar Thirumalai Naicker College and c) Saraswathi Narayanan College, Madurai from 26.10.2007 to 28.10.2007.
3. National Conference on Fuzzy Mathematics, Graph Theory and Applications organized by the Department of Mathematics, Mepco Schlenk Engineering College, Sivakasi from 17.04.2009 to 18.04.2009.
4. National Conference of Theoretical Computer Science and Discrete Mathematics (Sponsored by NBHM, CSIR and DST), organized by (n-CARDMATH) Kalasalingam University, Krishnankoil, from 09.01.2012 to 11.01.2012.
5. Two Days National Seminar on Recent Trends in Distance in Graphs (Sponsored by UGC (SERO)), organized by Ayya Nadar Janaki Ammal College (ANJAC), Sivakasi from 12.03.2012 to 13.03.2012.
6. Instructional Workshop on Graph Labeling Problems (Sponsored by DST), organized by (n-CARDMATH) Kalasalingam University, Krishnankoil, from 05.02.2014 to 11.02.2014.
7. National Level Seminar on Applications in Fuzzy Mathematics and Fractal Geometry (Sponsored by UGC), conducted by the Department of Mathematics, The American College, Madurai on 21.02.2014.
8. Eight International Workshop on Graph Labelings (Sponsored by DST & INSA), organized by n-CARDMATH, Kalasalingam University, Krishnankoil, from 03.12.2014 to 06.12.2014.
9. Special Lecture on “Should we discard Lebesgue Integral? -A review of Integration”, conducted by the Department of Mathematics, The American College, Madurai on 16.12.2015.
10. National Seminar on “Recent Advancement on Distance, Domination and Labeling in Graphs (RADDLG-2016) (Sponsored by NBHM & UGC), organized by Department of Mathematics, The Madura College, Madurai from 21.01.2016 to 22.01.2016.

11. Enrichment Seminar on Leadership & Visioning -2016 organized by CSI St. Andrew's Church, Nagamalai, Madurai on 12.11.2016.

12. Faculty Training Workshop organized by (UBCHEA) United Board for Christian Higher Education in Asia and hosted at St. Aloysius College, Jabalpur, MadhyaPradesh from 23.10.2018 to 26.10.2018.

Training / Short Term Courses/ Other Course Attended:

Name of the Course	Place	Duration	Date/Time
PRCN Course for NCC Officers Training	Officers Training Academy, Kamptee Naval Base, Kochi	90 Days	June 2013 to October 2013
Ship Attachment Camp	Naval Base, Vizag	14 Days	18/12/2013 to 31/12/2013
Inter Unit Competition (IUC) 2014 Camp	NCC Group, Puducherry	10 Days	August 2014
Inter Unit Competition (IUC) 2016 Camp	NCC Group, Puducherry	10 Days	21/08/2016 to 30/08/2016
Phython 3.4.3 Training (Online FDP)	Spoken Tutorial Project, IIT Bombay, Funded by National Mission on Education through ICT, MHRD, Government of India.	5 Days	01/05/2020 to 05/05/2020
One-week Online Faculty Development Programme in "Pure and Applied Mathematics"	PG & Research Department of Mathematics (Under DBT Star College Scheme), Jamal Mohamed College (Autonomous), Tiruchirappalli.	7 Days	11/06/2020 to 17/06/2020
One-week International Faculty Development Programme on "Avant-garde Trends in Mathematics"	Department of Mathematics, Bannari Amman Institute of Technology.	7 Days	17/06/2020 to 23/06/2020
Online Teachers Enrichment Workshop on "Algebra & Discrete Mathematics"	National Centre for Mathematics (A Joint centre of TIFR and IIT Bombay)	18 Days	19/02/2020 to 03/01/2021 (All Thursday, Saturday and Sunday)
One week Online Short Term Training Programme on "Role of Computational Mathematics in Science & Engineering"	Department of Mathematics & Humanities, College of Engineering and Technology, Bhubaneswar, India (TEQIP-III Sponsored)	5 Days	15.02.2021 to 19.02.2021
UGC Sponsored Short Term Course on "ICT Enabled Learning"	Human Resource Development Centre, Kumaun University, Nainital Uttarakhand	7 Days	03.08.2021 to 09.08.2021