

Name : Dr.T.Rajagopalan

Designation : Assistant Professor of Mathematics

Mail. ID : rajgopalant@gmail.com

Mobile No. : 9942255898

- **Research Area:**

Linear Algebra and Applied Algebra

- **Educational Qualifications:**

Qualification	Specialization	Year of Pass
Ph.D	Mathematics	2012
M.B.A	Education Management	2013
NET	Mathematics	2006
M.Phil	Mathematics	2006
M.Sc	Mathematics	2004
B.Sc	Mathematics	2002

- **Experience:**

Name of Company / Institutions	Designation of Post	Experience in Years
UCE Ariyalur	Assistant Professor	10
UCE Villupuram	Assistant Professor	6
AVC College(Autonomous) Mayiladuthurai	Lecturer	5

- **Additional / Academic Responsibilities at University:**

IQAC Cordinator
Value Added Course – YOGA Coordinator
Class Advisor

- **PhD Research Projects (Completed):** 2 Nos.

- **List of Seminar / Short Term Course /FDP/ Workshop attended:**

1. "Online FDP Universal Human Values- II" organized by AICTE during 13/02/2023 to 18/02/2023 (1 week)

2. "Inculcating Universal Human Values in Technical Education" organized by AICTE during 11/07/2022 to 15/07/2022 (1 week)

3. SWAYAM Faculty Development Programme "Higher Engineering Mathematics" organized by NPTEL AICTE (12 Weeks)

4. SWAYAM Faculty Development Programme "Discrete Mathematics" organized by NPTEL AICTE (12 Weeks)

5. Industrial Training on "Basic Science and Communication" organized by Rajiv Gandhi Memorial Telecom Training Centre, BSNL, Chennai during 08/06/2020 to 26/06/2020(3 weeks)

6. Faculty Development Program "Data Science for All" organized by Electronics & ICT Academies, NIT Patna during 27/07/2020to 08/08/2020 (2 weeks)

7. Faculty Development Training Programme "Cryptography and Network Security" organized by E.G.S Pillay Engineering College, Nagapattinam during 11.06.2018 to 17.06.2018. (7 Days)

8. Pedagogy for online and Blended Teaching Learning Process organized by IIT Bombay as a MOOC course during 03 May 2018 to 18 June 2018 (2 Weeks)

9. The Foundation Programme in ICT for Education organized by IIT Bombay as a MOOC course during 08 March 2018 to 17 April 2018 (2 Weeks)

10. Faculty Development Training Programme "Circuit Theory" organized by University College of Engineering Ariyalur during 20.11.2017 to 26.11.2017. (7 Days)

11. Faculty Development Training Programme organized by University College of Engineering Ariyalur during 25.05.2017 to 31.05.2017. (7 Days)

12. Faculty Development Training Programme "Transforms and Partial Differential Equations" organized by University College of Engineering Villupuram during 20.06.2013 to 26.06.2013. (7 Days)

13. Faculty Development Training Programme "Proability and Queueing Theory" organized by University College of Engineering Villupuram during 30.11.2012 to 06.12.2012. (7 Days)

14. Two week Faculty Development Training Programme 'Advanced Training in Mathematics Workshop on Operator Algebras' organized by Institute of Mathematical Sciences(IMSc), Chennai.

- **Publications :**

1. S.Krishnamoorthy, T.Rajagopalan, On k-idempotent matrices, Int. Rev. Pure Appl. Math. vol.5, No.1(2009), pp. 97-101.
2. S.Krishmamoorthy, T.Rajagopalan, Spectral and k-spectral theory of k-idempotent matrices, Int. J. Math. Stat. Vol. 7, Number W10, winter (2010), pp.81-85.
3. Krishnamoorthy.S and Rajagopalan.T, Generalized inverses of k-idempotent matrices, Int.J.Comput.Appl.Math.,vol.5, No.2, (2010) : 227 -231.
4. Krishnamoorthy.S and Rajagopalan.T, k-idempotency of linear combinations of an idempotent matrix and a tripotent matrix that commute, Indian.J.Pure Appl.Math. April 2011.
5. Rajagopalan. T, On Centrosymmetric (cross symmetric) and Centroidempotent Matrices, Global Journal of Pure and Applied Mathematics, 2015
6. Rajagopalan. T, Group Generated By A Centroidempotent and Counter Identity Matrix Australian Journal of Basic and Applied Sciences. Jan 2015
7. Bharath. E, Rajagopalan. T , Parkinson's Disease Classification Using Random Forest Kerb Feature Selection, Intelligent Automation and Soft Computing 2023, 36(2), 1417-1433.
8. Prince Chelladurai, S & Rajagopalan, T 2022, 'Ni-RAICDS: Non-Multiplicative Inverse, Robust Access Intelligent Crypto-Nets Distributed Storage with Secure Key Management for Cloud', Neuroquantology - An Interdisciplinary Journal, vol.20, no.8, pp. 5218-5229
9. Bharath. E, & Rajagopalan. T, July 2022, 'Optimizing the Classifier Performance through Similarity Based Entropy Max Score Feature Selection', Neuroquantology - An Interdisciplinary Journal, vol. 20, no. 8, pp. 5163–5174.
10. Prince Chelladurai, T.Rajagopalan, Intelligent Digital Envelope for Distributed Cloud-Based Big Data Security, Computer Systems Science and Engineering 2023, 46(1), 951-960

- **Conferences**
  - **a. International Conferences:**
    - Acted as Chairperson in International Conference on Mathematics and its Applications during the year 2014 at UCE Villupuram
    - Acted as Chairperson in International Conference on Advances in Mechanical Engineering in 2015 at UCE Villupuram
  - **b. National Conferences:**
    1. 'On normal and k-normal matrices' ; 'National Seminar on Mathematical Methods for Research' at A.V.C college(Autonomous) , Mayiladuthurai ; 8th and 9th February 2008.
    2. 'On eigenvalues and k-eigenvalues of k-idempotent matrices' ; 'UGC sponsored National Seminar on Mathematical Modelling in Healthcare' at Govt.Arts college(Automous) , Kumbakonam ; 28th and 29th March 2008.

DECLARATION:
I CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF.

Signature

