

PRASAD. T

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Education

- Ph.D Mathematics (Bharathiar University, 2008-2012)
- M.Phil Mathematics (Bharathiar University, 2006-2007)
- M.Sc Mathematics (Calicut University, 2002-2004)

Research Area

Operator Theory, Functional Analysis

Teaching Experience

- Assistant Professor, Department of Mathematics, University of Calicut, Kerala, India. February-2021 -till date
- Assistant Professor (on contract), Cochin University of Science and Technology, Cochin, India, December 2017-December 2020.
- Assistant Professor, Ahalia School of Engineering and Technology, Palakkad, Kerala India, June 2012 to August 2013.

Research Experience

- Institute Post Doctoral fellow, Indian Institute of Science Education and Research- Trivandrum, India, August 2015 to November 2017.
- Post Doctoral fellow, The Institute of Mathematical Sciences, Chennai, India, September 2013 to August 2015.

Selected Publications

- T. Prasad, class $p - wA(s, t)$ operators and invariant subspaces, *Acta Sci. Math. (Szeged)*, 86:3-4(2020), 671-679.
- T. Prasad, Spectral properties of some extensions of isometric operators, *Annals of Functional Analysis*, 11, (2020), 626-633.
- T. Prasad, Class $p-wA(s, t)$ composition operators, *Asian-European J. Math*, 13,(2020) 2050086 (10 pages).
- S. Mecheri and T. Prasad, Fuglede-Putnam type theorem for extension of M -hyponormal operators, *Ukr. Math. J* , accepted.
- S. Mecheri and T. Prasad, Classess of operators related to isometries, *Advances in Operator Theory*, (2020),382-392.
- M. Cho, T.Prasad, K. Kanahashi, M. Rashid, and A. Uchiyama, Spectrum is continuous for class $p - wA(s, t)$ operators, *Filomat*,(accepted).
- T. Prasad, Coposinormal composition operators on H^2 , *J. Math. Ext* (accepted)
- S. Mecheri and T. Prasad, Triangular- n -isometric operators, *Linear and Multilinear Algebra*, 67 (2019),1132-1145.

- M. Cho, T. Prasad, M.H.M Rashid, K. Tanahashi and A. Uchiyama, Fuglede-Putnam theorem and quasisimilarity of class p - $wA(s,t)$ operators, *Operator and Matrices* 13(1) (2019), 293-299.
- A. Bachir and T. Prasad, Fuglede-Putnam theorem for (α, β) normal operators, *Rend. Circ. Mat. Palermo.* 69, (2020),1243-1249.
- S. Mecheri and T. Prasad, Analytic extension of totally polynomially posinormal operators, *Math. Report* (accepted)
- M. Cho, J.E. Lee, T. Prasad and K. Tanahashi, Complex isosymmetric operators, *Adv. Oper. Theory*, 3 (2018), no. 3, 620-631.
- M.H.M Rashid, M. Cho, T. Prasad, K. Tanahashi and A. Uchiyama, Weyls theorem and Putnam's inequality for p - $wA(s, t)$ operators, *Acta Sci. Math. (Szeged)* 84 (2018), 573-589.
- T. Prasad, M. Cho, M.H.M Rashid, K. Tanahashi and A. Uchiyama, class p - $wA(s, t)$ operators and range kernel orthogonality, *Scientiae Mathematicae Japonicae* 82, No.1 (2019), 45-55.
- M.H.M Rashid and T.Prasad, Stability of Versions of Weyl type theorems under tensor product, *Ukr. Math. J* 68(4)(2016) 612-624.
- M.H.M Rashid and T.Prasad, Property (B_{gw}) and Perturbations, *An. Stiint. Univ. Al. I. Cuza Iasi. Mat. (N.S.)* DOI: 10.2478/aicu-2014-0049
- S.Mecheri and T.Prasad, On n -quasi- m -isometric operators, *Asian-Eur. J. Math* 9(4), (2016), 8 Pages.
- M.H.M Rashid and T. Prasad, Weyl type theorems for algebraically class HNP operators. *Ann. Funct. Anal*, 6(3) (2015), 262-273.
- M.H.M Rashid and T. Prasad, Property (Sw) for bounded linear operators, *Asian-Eur. J. Math*, 08(1) (2015).
- M.H.M Rashid and T.Prasad, The stability of property(gw) under compact perturbation, *Acta Mathematica Vietnamica*, 39 (2014), 325-336.
- M.H.M Rashid and T.Prasad, Variations of Weyl type theorems, *Ann. Funct. Anal*, 4(1) (2013), 40-52.
- M.H.M Rashid and T.Prasad, Property (B_b) and Tensor Product, *Filomat*, 27(7)(2013), 1297-1303.
- D.Senthilkumar, P. Chandrakala and T.Prasad, Tensor Product Operators Induce Dynamical System on Weighted Locally Convex Space, *Jordan Journal of Math and Stat (JJMS)*, 6 (2013) 169-181.
- D.Senthilkumar and T.Prasad, Riesz Projections and Weyls theorem for hereditarily absolute $-(p, r)$ - paranormal operators, *Bull. Math. Anal. Appl*, 2 (2010) 100-108.
- K.Tanahashi, T. Prasad and A. Uchiyama, Quasinormality and subscalarity of class $p - wA(s, t)$ operators, *Funct. Anal. Approx. Comput*, 9(1),(2017),61-68.
- T. Prasad and K.Tanahashi, On class p - $wA(s, t)$ operators, *Funct. Anal. Approx. Comput*, 6(2)(2014), 39-42.

Currently Teaching

MAT1CO4: Discrete Mathematics
Advanced Trends in Mathematics

Courses Taught

MSc courses:

Differential Geometry, Algebraic structures, Real Analysis, Topics in Applied Mathematics, Probability Theory, Ordinary Differential Equations, Spectral theory, Functions of several variables.