CURRICULUM VITAE

Personal Information

Dr. J. Catherine Grace John
Assistant Professor
Department of Mathematics
Karunya Institute of Technology and Sciences
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Academic Qualification

Ph.D (Mathematics)

Karunya University, Coimbatore, India.	Jan - 2017

SET (Lectureship Certification in Mathematics)

Tamil Nadu State Eligibility Test, Government of Tamil Nadu	Oct - 2012

M.Phil (Mathematics)

Saraswathi Narayanan College, Madurai Kamaraj University, Madurai, India.	May- 2005

M.Sc (Mathematics)

Lady Doak College, Madurai Kamaraj University, Madurai, India.	April- 2004

B.Sc (Mathematics)

Lady Doak College, Madurai Kamaraj University, Madurai, India.	April - 2002

Research focuses/Title of dissertation

Focuses: Discrete Mathematics, Algebra and Graph Theory
Title: Contributions to prime ideals in posets

Research Guidance

PhD - 2 (ongoing)

Professional Experience

Since July 2008	Assistant Professor, Department of Mathematics, Karunya Institute of Technology and Sciences, Coimbatore - 641114
June 2006 – Nov 2007	Lecturer, Department of Mathematics, Kumarasamy College of Engineering, Karur, India.

Recent Journal Publications

1. J. Catherine Grace John and B. Elavarasan, Properties of M-ideals in partially ordered sets , Advances in Mathematics: Scientific Journal 9 (2020), no.2, 601–606.(Scopus indexed)

2. J. Catherine Grace John and B. Elavarasan, z J–Ideals and Strongly Prime Ideals in Posets, Kyungpook Mathematical Journal, 57(2017), 385-391. (Citation index: 0.779 H index: 12) (Scopus indexed).

3. J. Catherine Grace John and B. Elavarasan, Strongly prime ideals and primal ideals in posets, Kyungpook Mathematical Journal, 56(3) (2016), 727 - 735.(Scopus indexed)

4. J. Catherine Grace John and B. Elavarasan, Strongly prime and strongly semi-prime ideals in posets, Global Journal of Pure and Applied Mathematics. Volume 11, Number 5 (2015), pp. 2965–2970. (Scopus indexed)

5. J. Catherine Grace John and B. Elavarasan, Primeness of extension of semi-ideals in posets, Applied Mathematical Sciences, Vol. 8(164) (2014), 8227-8232.(IF:0.807) (Scopus indexed)

Resource person:
Paper presentation: International-**7**, National-**1**
Key note speaker in conference/FDP: 2