# **CURRICULUM VITAE**

## Personal data

Dr.G.Sheeba Merlin
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#### **Education**

## Ph.D (Mathematics)-Algebra

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore, India. 2018.

## M.Phil (Mathematics)-Difference Equations

Karunya Institute of Technology and Sciences, Karunya nagar, Coimbatore, India. 2009.

### **B.Ed(Mathematics)**

Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore, India 2008.

#### M.Sc (Mathematics)

Margoschis College, Manonmaniam Sundaranar University, Tirunelveli, India. 2003.

### **B.Sc** (Mathematics)

Margoschis College, ManonmaniamSundaranar Univeristy, Tirunelveli, India. 2001.

## Research focuses/Title of dissertation

Focuses: Algebra-Lattice theory

Title:On Some Special Eulerian Lattices

## Teaching

July 2013-till Assistant Professor, Department of Mathematics, Karunya Institute of Technology and Sciences, Coimbatore-114

June 2011-July 2013 Assistant Professor, Department of Mathematics, Kovai Kalaimagal College of Arts and Sciences Coimbatore

## **Journal Publications**

- 1.A common fixed point theorem using compatible maps of type gamma and delta. Advances in Mathematics and Scientific journal (4), 1883-1891, 2020.
- 2.Compatible mappings of type gamma and delta. **International Journal of Innovative Technology and Exploring Engineering.(8)** 2019,
- 3.Generalization of Singh's common fixed point theorem, International Journal of Innovative Technology and Exploring Engineering: 1066-1069, 2019.
- 4.Determination of equitable edge chromatic numberfor the splitting of helm and sunlet graphs, **International Journal of Mechanical engineering and Technology 9(10)**,820-827 2018.
- 5. Simplicity of the lattice of Convex Sublattices, *International Journal of Mechanical Engineering and Technology Volume.9(10),383-387,2018*
- 6.On the lattice of Convex Sublattices of S(Bn) and S(Cn), European Journal of Pure and Applied mathematics Volume. 10(4), 916-928, 2017
- 7.On Simplicity of the Eulerian latticess, **Global Journal of Pure and applied Mathematics***Volume 13(6), 1569-1574.2017*