Staff Name	:	**Dr. H.GEETHA**
Faculty ID	:	**TMA04**
Designation	:	**Professor**
Qualification	:	**M.Sc., M.Phil., Ph.D.**
Experience	:	**32 Years 2 Months**
Area of Specialization	:	**Computer Mathematics**
Subject Handled in UG	:	**1.Mathematics-I,II**
		2.Transforms & Partial Differential Equation
		3.Numerical Methods
		4. Discrete Mathematics
		5. Theory of Computation
		6.Statistics and Numerical Methods
Subject Handled in PG	:	**1.Probability and Statistics**
		2.Business Mathematics
Journal Published	:	**International:8 National: --**

1. **"Impact of Shuffle on trajectories on certain classes of partial array languages", ICRTBI 2020, EDUL Digital , Jan -2021**

2. **"Shuffle on trajectories over partial array languages", ICMTA2020, AIP Conference proceedings, 1-9 .Nov 2020**

3. **"Partial commutation on Array languages", IWCIA 2012, Lecture notes in computer science, 196-208**

4. **"Shuffle on trajectories over finite array languages", IWCIA 2011, Lecture notes in computer science, 261- 274.**

5. **"Recognizable polyhexes picture languages and their acceptors", Comp Image 2010, Object modeling , Algorithms and applications, Research publishing Series 2010, 91-104**

6. **"Online tessellation automaton recognizing various classes of**

convex polyominoes ", Comp Image 2010, Lecture notes in computer science, vol 6026 ,107-118.

7. "Recognizablity of polyhexes by tiling and Wang Systems", ISVC(2)2009, Lecture notes in computer science, 568-577.

8. "Fuzzy bi$-\omega$Finite state Automaton"-International journal of Computing and Mathematical applications,Vol-2-2008 , 163-180.

Paper Presented in Conferences	: International:8 National: 6

1. ''Review on simulation of gas emission models in vehicles using Machine Learning'' Accepted in AIP Conference proceedings.2023

2. "Silver nano clusters based Glucose biosensors for EfficientDiagonsis of Diabetes Mellitus through Machine learning"ICBECT2022,March23-25,2022

3. "Impact of Shuffle on trajectories on certain classes of partial array languages", ICRTBI 2020, July 23-24,2020

4. " Shuffle on trajectories over partial array languages ", ICMTA - 2020, Jan 30-Feb 1 ,2020.

5. "Shuffle on trajectories over array languages 'ICMCS-2011,378-386.

6. "Hexagonal arrays and its special subarrays" International conference on mathematics and computer science. ICMCS-2010, 171-175.

7. "Learning of local polyhexes picture languages", National conference on Applied Mathematics,2010,63-67.

8. "Recognizablity of polyhexes International conference on mathematical and computational models". ICMCS-2009, 163-168

9 "Domino recognizability of polyhexes ", National conference on Computational Mathematics and soft Computing,-2009, 79-84.

10. " Parallel communicating Watson Crick ω automata ", Cryptography , Automata and Learning theory-2009, 174-179.

11. "Hexagonal subarray complexity ", International conference on mathematics and computer science. ICMCS-2008, 102-108.

12. "Partial Commutation on local array languages", National conference on Advanced computing 2008, 267-275.

13. "Fuzzy Watson crick bi ω Finite state Automaton", International conference on graph theory-2007,Abstract -17

14. "Fuzzy $-\omega$ FSA and n-Fuzzy $-\omega$FSA ", Indian conference on intelligent systems.2007,285-291.