

PSG COLLEGE OF TECHNOLOGY, COIMBATORE – 641 004
DEPARTMENT OF MATHEMATICS

List of candidates successfully completed Ph.D. Programmes

S.No	Name of the Candidate	Title of the Thesis	Supervisor	Awarde d Year
1	Mr.P.Seetharam	Analysis of Conoidal Shells	Dr.G.V.Krishna Reddy	1977
2	Mr.P.Kandasamy	Membrane Analysis of Linear Elastic Thin Shells in the form of Dupin's Cyclide	Dr.G.V.Krishna Reddy	1978
3	Mr.N.K.Venkata-Subramanian	Bending and Flexure of a Micropolar Elastic Circular Cylinder under Terminal Loads	Dr.G.V.Krishna Reddy	1978
4	Mr.V.Sundaram	Hydrodynamic Boundary Layers in Rotating Flows	Dr.N.K.Venkata Subramanian	1989
5	Mr.R.Balasubramanian	Hydromagnetic Boundary Layers in Rotating Flows	Dr.N.K.Venkata Subramanian	1989
6	Mr.D.Audsin Mohana Dhas	Markovian General Bulk Service Queueing Models	Dr.R.Nadarajan	1990
7	Mr.P.R.Kandasamy	Matrix-Geometric Algorithmic Approach to Some Markovian Queueing and Inventory Models	Dr.G.V.Krishna Reddy	1991
8	Mr.D.Jayaraman	Queueing Models with Server's Vacation and General Bulk Service	Dr.R.Nadarajan	1991
9	Mr.M.R.Sitrarasu	Some Markovian Queueing Models with general Bulk Service	Dr.R.Nadarajan	1994
10	Ms.M.I.Afthab Begum	Queueing Models with Bulk Service and Vacation	Dr.R.Nadarajan	1997
11	Ms.K.Udaya Chandrika	Transient Analysis of Some Queueing Models	Dr.G.V.Krishna Reddy	1997
12	Mr.R.P.Thangaraj	Analysis of Rayleigh-Bernard Convection Involving Porous Media	Dr.R.Balasubramanian	1998
13	Mr.R.Arumuganathan	Bulk Queueing Models with Server Failures and Multiple Vacations	Dr.G.V.Krishna Reddy	1998

14	Ms.R.Anitha	Analysis of Some Bulk Service Queueing Models with Multiple Vacations	Dr.G.V.Krishna Reddy	1999
15	Mr.S.Somasundaram	Analysis of System Reliability with Stress, Strength, and Switching	Dr.P.R.Kandasamy	1999
16	Ms.S.Palaniammal	A Study on Markovian Queueing Models with Bulk Service and Vacation	Dr.R.Nadarajan	2006
17	Mr.K.S.Ramaswami	Bulk Queueing Models With Controllable Services, State Dependent Arrivals and Multiple Vacations.	Dr.R.Arumuganathan	2005
18	Ms.T.Judeth Malliga	Non-Markovian Bulk Queueing Models with Effective Utilisation of Idle Time	Dr.R.Arumuganathan	2006
19	Mr.S.Jeyakumar	Bulk Queueing Models with N:Policy, Two Service Modes, Closedown Times and Multiple Vacations	Dr.R.Arumuganathan	2007
20	Ms.V.Santhi	Reliability Analysis of Some k-out-of-n Systems	Dr.R.Anitha	2008
21	Ms.T.Vasanthi	Reliability Analysis of Some Communication Networks, Software and Shared Load Models	Dr.G.Arulmozhi	2009
22	Mr.M.Senthil Kumar	Retrial Queueing Models with two Phase Service, Recurrent Demand Option, Server Breakdowns and Different Vacation Policies	Dr.R.Arumuganathan	2009
23	Ms.R.S.Lekshmi	Perfect Matching Dominating Cycles in Graphs – A study and Applications	Dr.R.Anitha	2009
24	Ms.B.Sridevi	Study of Similarity Measure of Fuzzy Numbers, Aggregation Operators in Fuzzy Systems and Decision Making	Dr.R.Nadarajan	2009
25	Mr.P.Senthil Kumar	Wavelet based Investigations on Removal of Ocular Artifacts from EEG Signals and Identification of Defects in Fabrics and Ceramic Tiles Using Statistical Approach	Dr.R.Arumuganathan	2009
26	Mr.R.S.Sankara Subramanian	A Study on Cryptography for Intrinsic Authentication Applications	Dr.R.Anitha	2009

27	Ms.C.Porkodi	Analysis of Number Theoretic Transforms based Cryptosystem, Group Signatures, e-Voting and a Factorization Algorithm	Dr.R.Arumuganathan	2010
28	Mr.M.Balasubramanian	Analysis of Bulk Queueing Models with Threshold Policies for Vacation	Dr.R.Arumuganathan	2010
29	Mr.M.Haridass	Bulk Queueing Models with Unreliable Server, Restricted Admissions and threshold Policies for Vacations	Dr.R.Arumuganathan	2012
30	Ms.K.Sangavai	A Study on Vertex Subset Degree Preserving Spanning Trees in Graphs	Dr.R.Anitha	2012
31	Ms.V. Jailaxmi	Retrial Queueing Models with Feedback, Server Breakdowns, Vacations and Control Policies on Arrivals	Dr.R.Arumuganathan	2014
32	Ms.A.Senthil Vadivu	Analysis of discrete and continuous time queues with server breakdown and vacations	Dr.R.Arumuganathan	2016
33	Ms.K.S.Meena	A Novel Approach for the reliability analysis of flow networks, Manets and Vanets	Dr.T.Vasanthi	2016
34	Ms.N.Kalpana	Analysis of retrial queues with control policies on vacations	Dr.R.Arumuganathan	2017
35	Ms.J.Divya	A Study on similarity measures of intuitionistic fuzzy sets and neutrosophic sets	Dr.B.Sridevi	2019
36	Mr.S.Saravanakumar	A Study on Non Linear Fuzzy Differential Equations in Biological Models	Dr.B.Sridevi	2020
37	Ms.A.R.Kiruthiga	New fractional derivative hybrid method for image enhancement	Dr.R.Arumuganathan	2020
38	Ms.R.P.Nithya	Bulk queueing models with breakdown, control policies on arrival, priority queue and variant vacations	Dr.M.Haridass	2021
39	Ms.M.Vijayalakshmi	A study on Fuzzy Decision Making based on Similarity Measure and Accuracy Function	Dr.B.Sridevi	2022

40	Ms.R.Rajasudha	Analysis of Discrete-Time Retrial Queues with Variant arrivals, Unreliable server and Different vacation policies	Dr.R.Arumuganathan	2023
41	Ms.C.K.Deena Merit	Queueing Models with constricting waiting time and Energy consumption in a base station using threshold policy	Dr.M.Haridass	2023
42	Ms.M.Tamilarasi	Studies on Nonlinear Random Impulsive Differential and Fractional Differential Equations	Dr.B.Radhakrishnan	2023