

Office of Dean (Research)
B.S. Abdur Rahman Crescent Institute of Science & Technology
List of Ph.D. completed Research Scholars from January 2014- December 2018

S. No.	Name of the Ph.D. Scholar	Name of the Department	Name of the Guide/s	Title of Thesis	Year of registration of the scholar	Year of award of Ph.D.
1	Ms. Dowlath Fathima	Mathematics	Dr. P. S. Sheik Uduman	A Stochastic modeling with varying demand distributions in inventory control	2009	2014
2	Mr. D. Venkatasubramanian	CSE	Dr. Angelina Geetha	Evaluation Framework, Methodology and Metrics for Assessing the Effectiveness of Knowledge Management Systems	2010	2014
3	Ms. P. Nallathai	ECE	Dr. N. Nithiyanandam	Development of a non-iterative method of matrix factorization for image compression and transmission of the factorized coefficients using differential	2009	2014
4	Mr.Dinesh Mavaluru	CA	Dr. R. Shriram	Grammar Rule Based Cross Language Information Retrieval for Telugu	2011	2014
5	Ms. L. Lekha	Chemistry	Dr. D. Easwaramoorthi	Studies on the synthesis, characterisation and antimicrobial applications of rare earth metal Schiff base complexes	2010	2014
6	Mr. Govindarajalu B	CSE	Dr. K. M. Mehata	Enhancements to Rise Architecture for Portable Embedded Systems	2011	2014
7	Mr.Ashaq Hussain Shah	Physics	Dr. M. Basheer Ahamed	Investigations of Optical, Structural, Antibacterial and Photocatalytic Properties of Doped ZnO Nanostructures	2011	2014
8	Ms. Chandravadhana	ECE	Dr. N. Nithiyanandam	Least Mean Square Error Based Block Truncation Coding For Image Compression	2010	2015
9	Ms. H. Sofia	English	Dr. R. Revathi	Teaching Technical Writing Skills Using Web 2.0 Technology – An Experimental Study	2009	2015
10	Mr. E. Syed Mohamed	CSE	Dr. S. Rajasekaran	Cellular Automata and Geometric Models for Propagation of Tsunami Waves	2009	2015
11	Mr.Muthukumar S	ECE	Dr. P. K. Jawahar	Enhancement of Cache Performance in Multi-Core Processors	2011	2015
12	Mr.Marudhu. G	Physics	Dr. S. Krishnan	Growth and Characterization of Nonlinear Optical 4-APMP, Amino acids doped NaAP and DGBCM Single Crystals	2010	2015

13	Mr. T. Thilak	Physics	Dr. M. Basheer Ahamed	Growth and investigation of third order nonlinear optical properties of pure and doped Meta-Nitroaniline, potassium di Chromate (KDC), L-alanine (LA) single crystals	2009	2015
14	Mr.R.Krishnan	Physics	Dr. J. Thirumalai	Synthesis and Luminescence Properties of Rare-Earth Doped Molybdate Micro/Nanostructures for Display Applications	2011	2015
15	Mr.G. Shanmuganathan	Physics	Dr. I. B. Shameem Banu	Studies on the Optical and Magnetic Properties of Doped ZnO Thin Films and Optical Properties of ZnO Composite	2010	2015
16	Mr. K. Regin Bose	CSE	Dr. V. Sankaranarayanan	A New Approach to Fast Handover of Mobile Nodes in Wireless Network	2010	2015
17	Mr. R. Sathish Kumar	Mechanical	Dr. K. Sureshkumar	Energy Efficient and Environment Friendly Biodiesel from Manilkara Zapota Seed Oil as a Sustainable Fuel for Diesel Engines	2009	2015
18	Ms. N. Jayachitra	Polymer	Dr. R. Vasanthakumari	Studies on Development and Characterization of Polypropylene Based Biocomposites.	2009	2015
19	Ms. K. Yogeswari	Civil	Dr. E. Rasul Mohideen	Sustainable Road Layout Design for A Suburban Area (Tambaram) Using Fuzzy Aided System	2009	2015
20	Ms. Fouzul Hidayah	CSE	Dr. Angelina Geetha	Algorithms for Implementing Strategies to Detect and Mitigate Web Application Vulnerabilities	2009	2016
21	Mr. M. Dhakshnamoorthy	Polymer	Dr. R. Vasanthakumari	Studies on Carbon Nanotube and Graphene oxide reinforced polyimide Electrospun Nano fiber composites	2009	2016
22	Mr. V.K. Mohan Raj	CSE	Dr. R. Shriram	Power Management Approaches for Virtualized Server Cluster Environmentwer Aware Models for Cloud Computing	2010	2016
23	Mr.T.R.Tamilarasan	Mechanical	Dr. R. Rajendran	Effect of Surfactants on the Characteristics of Electroless Ni-P-Nano-TiO ₂ Composite Coatings	2011	2016
24	Mr.A.John Peter	Physics	Dr. I. B. Shameem Banu	Synthesis and Characterization of rare earth doped phosphors for lighting applications	2011	2016
25	Mr. L. Kanniappan	Chemistry	Dr. D. Easwaramoorthi	Kinetics and Mechanism of VO ₂ ⁺ and Cu ²⁺ ions Catalyzed oxidation of Amino acid by Peroxomonosulphate	2013	2016

26	Mr. K. Devarajan	Chemistry	Dr. S. Bhagavathi	Rearrangement of Substituted Aryloxymethyl Chromones and Mechanistic Investigation – Synthesis of Hydroxyhomoisoflavones and Homopterocarpanes	2010	2016
27	Ms. S. Jainab Zareena	Management Studies	Dr. Haider Yasmeen	Employability Status of Engineering Students: A Comparison of Private Self financing Engineering Colleges and Private Deemed Universities	2010	2017
28	Mr.S.Vikram	Physics	Dr. R. Vasanthakumari	Synthesis, Suspension stability and Hydrodynamics of Iron Oxide Nanoparticles for Biomedical Application	2011	2017
29	Mr. C.D. Nanda Kumar	Mathematics	Dr. S. Srinivasan	Some Stochastic Models for Determination of Optimal Reserve Inventory	2009	2017
30	Ms. G.S. Annie Grace Vimala	ECE	Dr. S. Kaja Mohideen	Analysis of Human Retinal Morphology for the Identification of Diabetic Retinopathy and Maculopathy using Fundus Images	2010	2017
31	Mr.J.Salai Thillai Thilagam	ECE	Dr. P. K. Jawahar	Design and Analysis of microstrip antennas for wireless communication applications	2010	2017
32	Mr. M.G. Fajlul Kareem	Mathematics & AS	Dr. P. S. Sheik Uduman	Analysis of Nonlinear Mathematical Models of Tumor Growth	2009	2017
33	Mr. Pervaiz Iqbal	Mathematics & AS	Dr. P. S. Sheik Uduman	Mathematical Modeling, Performance Analysis and Optimization of Operating System of Paper Plant	2012	2017
34	Mr. Nadana Ravishankar T	CSE	Dr. R. Shriram	Grammar Rule based Sentiment Analysis Techniques for Tamil tweets Classification	2011	2017
35	Ms. R. Sasikala	Chemistry	Dr. S. Kutti Rani	Synthesis, characterization and applications of rare earth metal loaded copper oxide nanoparticles	2012	2017
36	Mr. Kalim Abdul Rashid Mumtazz Deshmukh	Physics	Dr. M. Basheer Ahamed	Graphene Oxide and Transition Metal Oxide Reinforced Flexible Polymer Composites as High Dielectric Constant Materials for Energy Storage Applications	2014	2017
37	Mr. G. Sridhar	Chemistry	Dr. I. Mohammed Bilal	Studies on the Synthesis, Characterisation and Antimicrobial Applications of Schiff Base Metal Complexes	2012	2017
38	Mr. S. Udhaya Kumar	CSE	Dr. Latha Tamilselvan	Adaptive trust model with attestation for software services in cloud environment	2010	2018

39	Mr.Vijayakumar S	English	Dr. A. Shahin Sultana	Teaching Academic Writing to the Students of Engineering using Multimedia Tools an Experimental Study	2011	2018
40	Ms. A. Divya	Mathematics & AS	Dr. P. S. Sheik Uduman	Analysis of Risk factors of Heart Disease Using Decagonal Fuzzy Models	2012	2018
41	Mr. M. Syed Masood	CA	Dr. P. Sheik Abdul Khader	Enhanced Routing and Queue Management Techniques for Performance Improvement in Mobile Ad hoc Networks	2009	2018
42	Ms. P. Latchoumy	CA	Dr. P. Sheik Abdul Khader	Integrated Proactive and Reactive Failure Handling Strategies to improve the Services in Computational Grid	2009	2018
43	Mr. Mahalingam V	Physics	Dr. I. Raja Mohamed	Synthesis and Characterization of Rare Earth Doped Molybdate and Tungstate Phosphors for Lighting Applications	2014	2018
44	Ms. P. Veeralakshmi	CSE	Dr. Latha Tamilselvan	Development of Confidentiality, Integrity, Authentication Model for Assuring Data Security in Cloud Computing	2010	2018
45	Mr. S.A.Usman Ali	Islamic Studies	Dr. P.S. Syed Masood Jam	A Study of Plural Society in the Light of Quran and Hadeeth and its Impact on the Muslims of Tamilnadu	2011	2018
46	Ms. A. Sathiya Priya	Physics	Dr. I. B. Shameem Banu	Synthesis and Characterization of Bismuth Ferrite based Multiferroic Materials	2013	2018
47	Ms. V.K. Subhashree	ECE	Dr. C. Tharini	Analysis on the Performance of Energy Efficient Routing and Fault-Tolerant Data Aggregation Algorithms for Wireless Sensor Networks	2013	2018
48	Mr. R. Jaya Prakash	Chemistry	Dr. D. Easwaramoorthi	Synthesis and characterization of imidazole derivatives	2009	2018
49	Ms.Uma Nandhini D	IT	Dr. Latha Tamilselvan	Client Aware Cloudlet Framework in a Service Cloud Environment	2011	2018
50	Ms. Lavanya V	SLS	Dr.Shazia Jamal	Biophysical analysis and investigation of the immunomodulatory and mitogenic facets of jacalin, a dietary lectin	2014	2018
51	Ms.Saira Banu	CSE	Dr. R. Shriram	Performance Enhancement Techniques of Voice Over IP Telephony	2011	2018
52	Mrs. Ruby Annette J.	IT	Dr. W. Aisha Banu	A Multi Criteria Recommendation Engine for Cloud Renderfarm Services	2013	2018

53	Ms. Fazeela Mahaboob Begum S M	SLS	Dr. S. Hemalatha	Screening of the Antioxidant, Anticancer, Antimetastatic and Immunomodulatory Activities of Marine Algae in Cancer	2014	2018
54	Mr. D. Gangaprasad	Chemistry	Dr. K. Karthikeyan	Synthesis and Characterization of Functionalized 1,2,3-Triazoles Through Azide-Olefin [3+2] Cycloaddition	2013	2018
55	Mr. A. Abdul Azeez Khan	CA	Dr. P. Sheik Abdul Khader	Externalization of Expert's Knowledge in E-learning Environment	2011	2018
56	Mr.K.Javubar Sathick	CA	Dr.A.Jaya	Personalized and Optimal Ranking System for Recommendation in heterogeneous Social Media Environment	2011	2018
57	Mr. P. Gnanasekaran	IT	Dr.T.R.Rangaswamy	Relative Stability based Routing Protocol for Mobile Ad Hoc Network	2010	2018
58	Ms. Shreedevi G.	CA	Dr.Munir Ahamed Rabbani	Efficient Contrast – Enhancement Methodologies Based on Modified Histogram Equalization Technique for Improving Face Recognition Accuracy	2010	2018
59	Mr. Mohd Shahanbaj Khan	SLS	Dr. S. Hemalatha	Programmed Cell Death and Autophagy Mechanisms are Critical Players During Saline Stress in Oryza Sativa L	2013	2018
60	Ms.Shakkeera L	IT	Dr. Latha Tamilselvan	Energy-efficient Adaptive Optimization Framework for Mobile Cloud Computing	2011	2018
61	Ms. Vidhya Sathish	CA	Dr. P. Sheik Abdul Khader	Enhanced Hybrid Classifier Techniques using Grey Wolf Optimization for Improved Detection Accuracy	2009	2018
62	Mr.Nazir Ahmad Mir	English	Dr.A.Shahin Sulthana	Teaching English to the Children (Upper Primary Level) of Government Schools in Jammu and Kashmir State through Task-Based Approach: An Experimental Study	2013	2018
63	Mr.G.Selvam	Mechanical	Dr.S.Prince Arockia Doss	Study and Analysis of Appropriate Spot Weld Distribution among the Welding Stations of Body Shop to improve Quality and Productivity	2011	2018
64	Mr. A. Kalaimurugan	EEE	Dr. R. Raja Prabhu	Performance Evaluation of Solid state Circuit Breaker in Multi Bus Systems	2008	2014
65	Mr. A. Mohamed Abbas	CS	Dr. P.Sheik Abdul Khader	Routing techniques for performance improvement in vehivula AD HOC networks	2008	2014

66	Mr. S. Subburam	CSE	Dr. P.Sheik Abdul Khader	Performance enhancement of on demand routing protocols for mobile AD HOC network	2007	2014
67	Mr. M.B. Mukesh Krishnan	CSE	Dr. P.Sheik Abdul Khader	Fuzzy based dual defense for securing MANET	2007	2014
68	Ms.Subbathra	CS	Dr. P.Sheik Abdul Khader	Enhanced crawling techniques for effective information retrieval	2007	2014
69	Ms. N. Sabiyath Fathima	CSE	Dr. P.Sheik Abdul Khader	Enhanced caching techniques for data dissemination and accessibility in mobile AD HOC network	2008	2014
70	Mr. G. V. Vijayaraghavan	Physics	Prof. M. Basheer Ahmed	Spectral and Tunable laser studies on excitation energy transfer distributed feedback dye laser	2007	2016
71	Mr. Sundarsingh Jebaseelan	EEE	Dr. R. Raja Prabhu	Power Quality Improvement using STATCOM and TCTC in Multi Bus systems	2008	2015
72	Mr. S. Kumarasen	Physics	Prof. M. Basheer Ahmed	Nonlinear optical characterization of Phloxine B, Pyronine, Stryl T and sulforhodamine dyes	2007	2016
73	Mr. Geethamani	Physics	Prof. M. Basheer Ahmed	Distributed feedback laser based on energy transfer between a mixture of dyes in liquid and solid media	2009	2016
74	Mrs. Majitha Parveen	Physics	Prof. M. Basheer Ahmed	Third order nonlinear optical characterization of organic dyes using Z-Scan technique for optoelectronic applications	2009	2016
75	Ms. Margathasundari	Mathematics	Dr. S.Srinivasan	A Study on some Mathematical Models in Non-Markovian Queue	2010	2016
76	Mr. M.Mohamed Sheik Sirajuddeen	Physics	Dr. I.B.Shameem Banu	First Principles calculations of the electronic and magnetic properties of some rare earth nitrides and transition metal nitrides	2009	2016
77	Mr. V.Yuvaraj	Mathematics	Dr. S. Rajasekaran	Analytical and Geometrical models for Tsunami wave propagation	2012	2018
78	Mr. I. Sathik Ali	CSE	Dr. P.Sheik Abdul Khader	Pro based admission control for multi cast QOS Provisioning	2008	2018
79	Mr.S. Pakir Mohideen	CSE	Dr. P.Sheik Abdul Khader	Personalized ontology based adaptive e-learning system	2008	2018

80	Mr. Munavar Hussain	CSE	Dr. P.Sheik Abdul Khader	Rerouting time strategies for MANET routing	2009	2018
81	Mr.T.Selvakumaran	Mechanical Engineering	Dr.P.N.Kadiresh	Experimental Investigation of Aqueous Nanofluid Blends in Diesel Engine	2010	2018
82	Mr. S.P.Venkatesan	Mechanical Engineering	Dr.P.N.Kadiresh	Experimental Investigation of Aqueous Nanofluid Blends in Diesel Engine	2011	2017
83	Mr. D. S. Vijayan	Civil	Dr. J. Revathy	Behaviour of Prestressed Concrete Beams Strengthened with Fiber Reinforced Polymer Laminates	2013	2018