

SATHYABAMA

Institute of Science and Technology

Centre for Research

NOTIFICATION

No:Ph.D./AR/2022

Dated : 15-06-2022

Sub:Sathyabama Institute of Science and Technology - Award of Ph.D. Degree - Reg.

S.No	Name of the Candidate	Register No	Registered year	Faculty	Supervisor	Thesis Title	Date of Viva voce
1	MARY JOSELIN.J	2013195105	2013	Bio Engineering	Ganesh Kumar.V	BIOSYNTHESIS OF GOLD NANOCOMPOSITES AND THEIR STUDIES ON ANTICANCER APPLICATION	4th June 2021
2	Raja Shree S	2014191105	2014	Computer Science and Engineering	Chilambuchelvan A	IMPROVING THE DATA INTEGRITY IN CLOUD ENVIRONMENT BY USING THIRD PARTY AUDITOR	7th June 2021
3	Ben Rajesh P	2013794203	2013	Mechanical Engineering	John Rajan.A	ANALYSIS OF GREEN LOGISTICS ISSUES TO ENHANCE SUSTAINABILITY IN FOOD & CARGO SUPPLY CHAIN	9th June 2021
4	Karthik Kumar C	2015799402	2015	Science and Humanities (Chemistry)	Shyju.T.S	DEVELOPMENT OF NITRIDE THIN FILMS BY RF MAGNETRON SPUTTERING FOR SOLAR CELL APPLICATION	11th June 2021
5	Pradeep P S	2013195106	2013	Bio Engineering	Jayashree Nellore	FORMULATION AND CHARACTERIZATION OF PYOCHELIN-CONJUGATED LIPOSOME OLEIC ACID CO-ENCAPSULATED WITH ANTIBIOTICS AGAINST MULTI DRUG RESISTANT <i>PSEUDOMONAS AERUGINOSA</i>	11th June 2021
6	BAALAMURUGAN J	2014799403	2014	Science and Humanities (Chemistry)	Ganesh Kumar.V	MICRO/NANO STRUCTURED STEEL SLAG MATERIALS - A SUSTAINABLE APPROACH TOWARDS ENVIRONMENTAL APPLICATIONS	14th June 2021
7	Saravanan M	2011191122	2011	Computer Science and Engineering	Jyothi.V.L	A CLASSIFICATION AND PREDICTION ALGORITHM IN DATA MINING TO PREDICT EARLY DROPOUT FACTORS BY USING APM	16th June 2021
8	Sonia Jenifer Rayen	2014791203	2014	Computer Science and Engineering	Subhashni.R	AN EFFICIENT MAMMOGRAM IMAGE RETRIEVAL SYSTEM USING OPTIMIZED MANFIS CLASSIFIER WITH ABC ALGORITHM	16th June 2021
9	Anne Frank Joe.A	2014192304	2014	Electronics Engineering	Gopal.A	NON-DESTRUCTIVE ASSAY OF VITAL WHEAT QUALITY PARAMETERS USING SPECTROSCOPIC TECHNIQUES	18th June 2021
10	MEENAKSHI V	2014793108	2014	Electrical Engineering	Paramasivam.S	MODELING, SIMULATION, ANALYSIS AND REAL TIME VERIFICATION OF CONTROL TECHNIQUES USED IN WIND ELECTRIC GENERATORS	18th June 2021

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11	Jany Shabu.S.L	2012191201	2012	Computer Science and Engineering	Jayakumar.C	MULTIMODAL IMAGE FUSION USING INTELLIGENCE OPTIMIZATION TECHNIQUES WITH BRAIN TUMOR DETECTION	21st June 2021
12	UMA MAGESWARI.T	2015798105	2015	BUSINESS ADMINISTRATION	Bhuvaneswari.G	IMPACT OF ENTREPRENEURIAL SKILLS IN PROCURING FUNDS – A STUDY WITH SPECIAL REFERENCE TO SMALL SCALE INDUSTRY IN TAMILNADU	21st June 2021
13	SUBHASHREE.P	2013191116	2013	Computer Science and Engineering	Gunasekaran.G	RETAINING PRIVACY AND DEFENDED SHARING OF PERSONAL HEALTH RECORDS IN CLOUD	23rd June 2021
14	PAUL T SHEEBA	2013791203	2013	Computer Science and Engineering	Murugan.S	IMPLEMENTATION OF HYBRID DEEP LEARNING MODEL FOR HUMAN ACTION RECOGNITION	23rd June 2021
15	VENKATARAMAN PADMAJA	2014192101	2014	Electronics Engineering	Dr.V.Rajendran	OBJECT RECOGNITION IN UNDERWATER IMAGING USING MACHINE LEARNING TECHNIQUES	25th June 2021
16	BHUVANESWARI.C	2015193101	2015	Electrical Engineering	Samuel Rajesh Babu.R	ANALYSIS, DESIGN AND OPTIMIZATION OF LCC RESONANT CONVERTER FOR X-RAY GENERATOR	25th June 2021
17	BALAMUGUNDAN.B	2011794104	2011	Mechanical Engineering	Karthikeyan.L	CHARACTERIZATION OF SELECTED POLYMER NANOCOMPOSITES USING FRICTION STIR PROCESSING	28th June 2021
18	SUJESH G	2015194301	2015	Mechanical Engineering	Ganesan.S	MULTI OBJECTIVE OPTIMIZATION ALGORITHM FOR PERFORMANCE AND EMISSIONS CHARACTERISTICS OF MULTI BLENDED BIO DIESEL ENGINE WITH THE AID OF DEEP BELIEF NEURAL NETWORK	30th June 2021
19	JEYA JEEVAHAN.J	2015194201	2015	Mechanical Engineering	Chandrasekaran.M	CHARACTERIZATION AND EVALUATION OF MECHANICAL PROPERTIES OF EDIBLE COMPOSITE FILMS FOR FOOD PACKAGING APPLICATIONS	30th June 2021
20	Muruganantham A.	2013191105	2013	Computer Science and Engineering	Meera Gandhi.G	Study and Design of Framework for Social Media Data Analytics based on Multi-Criteria Decision Making (MCDM) models	2nd July 2021
21	VENKATESH.R	2013794101	2013	Mechanical Engineering	Vaddi Seshagiri Rao	STUDIES ON MECHANICAL PROPERTIES AND WEAR ANALYSIS OF NANO METAL MATRIX COMPOSITES	5th July 2021
22	RAJEESH KUMAR.N.V	2015191205	2015	Computer Science and Engineering	Mohan Kumar.P	A NOVEL PROTOCOL FOR THE SECURITY OF INTERNET OF THINGS (IoT) ENVIRONMENT	5th July 2021
23	Kavitha.V	2013191103	2013	Computer Science and Engineering	Latha Parthiban	EFFICIENT VIDEO SEARCH IN E-LEARNING	7th July 2021
24	NITHYA.D	2015192104	2015	Electronics Engineering	CHITRA.M.P	DESIGN, FABRICATION AND ANALYSIS OF FIXED FREQUENCY AND RECONFIGURABLE MICROSTRIP FILTERING ANTENNAS	12th July 2021
25	BARONSAM.B	2015191101	2015	Computer Science and Engineering	Lenin fred	MEDICAL IMAGE RESTORATION IN MR/CT IMAGES OF HUMAN ABDOMEN	12th July 2021

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26	N. ANUSHA	2016191117	2016	Computer Science and Engineering	Bharathi.B	FLOOD DETECTION AND MAPPING FROM MULTI-TEMPORAL SENTINEL - 1A SYNTHETIC APERTURE RADAR IMAGERY USING AUTOMATED FLOOD DELINEATION TECHNIQUE	14th July 2021
27	GEETHA.V	2015193104	2015	Electrical Engineering	Sivachidambaranathan.V	ANALYSIS AND CONTROL OF RESONANT CONVERTER FOR INDUCTION HEATING SYSTEMS	14th July 2021
28	MAHIL LOO CHRISTOPHER.C	2013194204	2013	Mechanical Engineering	Sasikumar.T	PREDICTION OF ULTIMATE STRENGTH OF COMPOSITE TENSILE SPECIMEN USING ACOUSTIC EMISSION RESPONSE	16th July 2021
29	SARAVANAN.S	2013193113	2013	Electrical Engineering	Sivakumaran.T.S	ADVANCED TECHNIQUES BASED MAXIMUM POWER POINT TRACKING ON SOLAR PV APPLICATIONS	16th July 2021
30	Umbrajkar Amit Mallinath	2012794107	2012	Mechanical Engineering	Krishnamoorthi.A	CONDITION MONITORING AND VIBRATION ANALYSIS OF SHAFT MISALIGNMENT USING DISCRETE WAVELET TRANSFORM	19th July 2021
31	PUSHPAVALLI.M	2014793101	2014	Electrical Engineering	Jothi Swaroopan.N.M	IMPLEMENTATION OF MULTI-INPUT KY BOOST CONVERTER FOR HYBRID RENEWABLE ENERGY SYSTEM	19th July 2021
32	DINESH.R	2013792122	2013	Electronics Engineering	Ramalatha Marimuthu	DEVELOPING FPGA ARCHITECTURE OF ALL DIGITAL PHASE LOCKED LOOP WITH POWER REDUCTION AND IMPROVED FREQUENCY RESOLUTION FOR WIRELESS APPLICATION	23rd July 2021
33	MANIKANDAN.G	2014791109	2014	Computer Science and Engineering	Sakthi.U	SECURING DATA TRANSMISSION FROM ADVERSARIES IN WSN USING EFFICIENT KEY MANAGEMENT TECHNIQUES	23rd July 2021
34	SHAKTHIMURUGAN.K.H	2015792101	2015	Electronics Engineering	Sumathi.M	PERFORMANCE ANALYSIS OF FREE SPACE OPTICS FOR 5G COMMUNICATION	26th July 2021
35	AUXILIA.M	2012191111	2012	Computer Science and Engineering	Raja.K	ONTOLOGY BASED ACCESS CONTROL BY EXPLOITING SUBSUMPTION PROPERTY TO PROTECT DATA LEAKAGE IN CLOUD ENVIRONMENT	26th July 2021
36	MATHEW ALPHONSE	2016794102	2016	Mechanical Engineering	Bupesh Raja.V.K	EXPERIMENTAL INVESTIGATION ON FRICTION DRILLING OF MAGNESIUM ALLOY AND SANDWICH MATERIAL	28th July 2021
37	JOHN PAUL.M	2011198101	2011	Business Administration	Muthumani S	A COMPARATIVE STUDY ON CRM PRACTICES WITH REFERENCE TO NATIONALIZED BANKS AND NEW GENERATION BANKS IN CHENNAI	28th July 2021
38	MANIKAVELAN.D	2011791107	2011	Computer Science and Engineering	Ponnusamy.R	DYNAMIC OPTIMIZATION TECHNIQUES USING ANALOGY ERROR REDUCTION FOR EFFECTIVE SOFTWARE COST ESTIMATION	30th July 2021
39	SATHAPPAN.S	2009791121	2009	Computer Science and Engineering	Tomar.D.C	EFFICIENT CLUSTERING OF UNCERTAIN DATA	30th July 2021

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40	GAYATHRI K	2016799602	2016	SCIENCE AND HUMANITIES (LIFE SCIENCES)	Madan Kumar	EVALUATING THE MECHANISMS OF PROLIFERATIVE INHIBITOR ISOLATED FROM MARINE SPONGE SYMBIONTS IN EXPERIMENTAL LIVER CARCINOGENESIS	2nd August 2021
41	SENTHIL KUMAR G	2015791114	2015	Computer Science and Engineering	CHITRA.M.P	RESOURCE MANAGEMENT IN IAAS-SDN CLOUD USING POLICY SCHEDULING ALGORITHMS	2nd August 2021
42	VASANTHI P	2015196104	2015	CIVIL ENGINEERING	Senthil Selvan.S	BEHAVIOUR OF NANO MODIFIED CONCRETE IN - FILLED WITH LIGHT GAUGE STEEL TUBE COLUMNS	6th August 2021
43	ARANGANATHAN A	2011192403	2011	Electronics Engineering	SURIYAKALA C D	PERFORMANCE ANALYSIS OF ROUTING ATTACKS IN MANETS USING SOFTWARE AGENTS	6th August 2021
44	SELVARANI A	2015192113	2015	Electronics Engineering	Suresh.G.R	DIABETES DETECTION AND MEASUREMENT USING TONGUE THERMAL IMAGES	9th August 2021
45	DEORE SHALAKA PRASAD	2016791112	2016	Computer Science and Engineering	Pravin.A	DESIGN OF DEVANAGARI HANDWRITTEN CHARACTER RECOGNITION SYSTEM USING VARIOUS MACHINE LEARNING ALGORITHMS	9th August 2021
46	VENKATARAMANAN V	2014792101	2014	Electronics Engineering	Lakshmi,S	PERFORMANCE ANALYSIS OF LTE PHYSICAL LAYER AND ITS IMPLEMENTATION USING RECONFIGURABLE ARCHITECTURE	11th August 2021
47	SANAJ M S	2014191208	2014	Computer Science and Engineering	Joe Prathap P M	NATURE INSPIRED ALGORITHMS FOR EFFICIENT TASK SCHEDULING IN CLOUD COMPUTING	11th August 2021
48	ARJUN P	2014199601	2014	SCIENCE AND HUMANITIES (LIFE SCIENCES)	Rajesh Kannan.R	BIOASSAY GUIDED ISOLATION OF HUMAN ACETYLCHOLINESTERASE INHIBITORY TRANS - TEPHROSTACHIN, NANOGEL MEDIATED BLOOD BRAIN BARRIER PERMEABILITY AND CRISPR/CAS9 BASED SORL1 KNOCK OUT DEVELOPMENT IN ZEBRAFISH MODEL FOR ALZHEIMER'S DISEASE	13th August 2021
49	DEEPAK J. R	2013794112	2013	Mechanical Engineering	Bupesh Raja V.K	EXPERIMENTAL STUDIES ON GTAW, GMAW AND LBW WELDING OF CORTEN STEEL	16th August 2021
50	SELVAM L	2014191113	2014	Computer Science and Engineering	Arokia Renjith J	DEVELOPING AN EFFECTIVE CRYPTOSYSTEM FOR SECURE MANAGEMENT OF HEALTHCARE DATA IN CLOUD ENVIRONMENT	16th August 2021
51	SARANYA SREE S	2017798104	2017	BUSINESS ADMINISTRATION	Rau.S.S	PERFORMANCE EVALUATION OF WOMEN EMPLOYEE'S IN EDUCATION SECTOR	16th August 2021
52	MARY ROSANA .N.T	2013797101	2013	Chemical Engineering	Joshua Amarnath.D	PHOTOVOLTAIC PERFORMANCE ENHANCEMENT OF NATURAL AND SYNTHETIC SENSITIZERS IN DYE SENSITIZED SOLAR CELLS	18th August 2021

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53	TIPPABATHANI JAYAKRISHNA	2014799605	2014	Science and Humanities (Life Sciences)	Jayshree Nellore	STUDIES ON KEY DEVELOPMENTAL REGULATORY MECHANISMS ASSOCIATED WITH DOPAMINERGIC NEURON DURING DEGENERATION AND REGENERATION	18th August 2021
54	RAJA M	2011798105	2011	Business Administration	Saifil Ali.M.I	A STUDY ON CONSUMER PERCEPTION TOWARDS PRIVATE LABELS - WITH SPECIAL REFERENCE TO FOOD PRODUCTS IN CHENNAI DISTRICT	23rd August 2021
55	SENTHILKUMAR J	2013194206	2013	Mechanical Engineering	Suresh Mohan Kumar.P	EXPERIMENTAL INVESTIGATIONS ON THE MECHANICAL AND MICROSTRUCTURAL CHARACTERISTICS OF FRICTION WELDED AA6061/SiC/GRAPHITE HYBRID COMPOSITES	27th August 2021
56	ANUGRAGHA S S	2011798101	2011	Business Administration	Saifil Ali.M.I	SERVICE MIX, CUSTOMER SATISFACTION AND STORE ADVOCACY IN SUPERMARKETS	27th August 2021
57	KISHORE KUMAR ATA	2012792107	2012	Electronics Engineering	Dr.R. Seshasayanan	RECONFIGURABLE LOW POWER LOGARITHMIC NUMBER SYSTEM PROCESSOR	1st September 2021
58	DHAMODARAN. S	2014191201	2014	Computer Science and Engineering	Lakshmi.M	DESIGN AND ANALYSIS OF ENSEMBLE MODEL USING SPATIAL TEMPORAL DATA TO PREDICT THE CLIMATIC CHANGES USING MACHINE LEARNING CLASSIFIERS	3rd September 2021
59	SUMITHRA M	2015791112	2015	Computer Science and Engineering	Malathi.S	DESIGN AND IMPLEMENTATION OF A HYBRID APPROACH FOR THE OPTIMIZATION OF 3D MRI AND CT BRAIN IMAGE SEGMENTATION WITH FUSION PROCESS	8th September 2021
60	VIJAYALAKSHMI P	2014196102	2014	Civil Engineering	Marykutty Abraham	STUDY ON THE EFFICIENCY OF LOW COST PERMEABLE BARRIER MATERIALS TO TREAT LEACHATE CONTAMINATED GROUNDWATER AND SOIL	15th September 2021
61	SULTANUDDIN.S.J	2013791207	2013	Computer Science and Engineering	MD Ali Hussain	Development of Efficient Token Based Adaptive Routing Mechanism to Enhance the Network Performance in MANET	15th September 2021
62	DHEERA V R	2013798103	2013	Business Administration	Jayasree Krishnan	IMPACT OF HR PRACTICES, TRANSITION OF CHANGE AND ATTITUDE ON EMPLOYEE COMMITMENT	17th September 2021
63	ARUN KUMAR S	2014794107	2014	Mechanical Engineering	Suresh Mohan Kumar.P	A SINGLE BASIN SQUARE PYRAMID SOLAR STILL - ANALYSIS OF PRODUCTIVITY OF WATER	17th September 2021
64	JUDY SIMON	2016192112	2016	Electronics Engineering	Prabakaran.N	INVESTIGATION ON THE PERFORMANCE OF 4G LTE MIMO-OFDM SYSTEMS	20th September 2021
65	PATHAK GANESH RAJARAM	2013191101	2013	Computer Science and Engineering	Godwin Premi.M.S	A SECURE FRAMEWORK FOR WIRELESS SENSOR NETWORK	21st September 2021

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66	VIJAYAKUMAR.S	2013794108	2013	Mechanical Engineering	Palani Kumar.K	STUDIES ON MECHANICAL PROPERTIES AND VIBRATION ANALYSIS OF A NOVEL CARYOTA FIBER REINFORCED POLYMER COMPOSITES	21st September 2021
67	P. VENGATESH	2015799404	2015	Science and Humanities (Chemistry)	Dr. T. S. Shyju	FABRICATION OF ORGANIC-INORGANIC HYBRID METAL HALIDE PEROVSKITES BASED SOLID STATE SOLAR CELLS	22nd September 2021
68	RAMA P	2013791109	2013	Computer Science and Engineering	Murugan.S	IMPLEMENTATION OF EFFICIENT METHODOLOGIES FOR TRACKING OF SENSOR NODE LOCATIONS IN LARGE SCALE SUBTERRANEAN ENVIRONMENTS	22nd September 2021
69	AMALA LOURTHURAJ A	2011199608	2011	Science and Humanities (Life Sciences)	Masilamani Selvam	BIOACTIVITY STUDIES ON <i>CLEISTANTHUS COLLINUS</i> (ROXB.) BENTH. EX HOOK. F. LEAF EXTRACTS	23rd September 2021
70	A.S. PRAKAASH	2016799202	2016	Science and Humanities (Mathematics)	Sivakumar.K	INTELLIGENT PREDICTIVE ANALYSIS TOWARDS DIFFERENT APPLICATIONS	24th September 2021
71	SOBIYA. S.L.	2013198104	2013	Business Administration	Thangavel.N	INFLUENCE OF E-BANKING SERVICE QUALITY ON CUSTOMERS SATISFACTION AMONG PUBLIC SECTOR BANKS IN CHENNAI CITY	24th September 2021
72	RONALD DONI. A	2016191112	2016	Computer Science and Engineering	Sasipraba T	A STUDY ON PUBLIC HEALTH SURVEILLANCE USING BIG DATA ANALYTICS	24th September 2021
73	AMBIKAVATHI C	2011199506	2011	SCIENCE (COMPUTER SCIENCES)	Dr.S K Srivatsa	ENHANCEMENT OF INTRUSION DETECTION TECHNIQUES IN DISTRIBUTED ENVIRONMENT	4th October 2021
74	SUJESH P LAL	2013791116	2013	COMPUTER SCIENCE AND ENGINEERING	Dr. Joe Prathap P M	AN EFFICIENT PROVENANCE BASED SECURITY MECHANISM FOR WIRELESS SENSOR NETWORKS	22nd October 2021
75	RAVIKUMAR .D.N.S	2014792113	2014	ELECTRONICS ENGINEERING	Dr. S Barani,	AN EMPIRICAL ROUTING PROTOCOL FOR DATA DISSEMINATION IN VEHICULAR ADHOC NETWORKS (VANETs)	27th October 2021
76	NISHA EVANGELIN. L	2014791112	2014	COMPUTER SCIENCE AND ENGINEERING	Dr. A. Lenin Fred,	HYBRID APPROACH - ANALYSIS OF OPTIMAL CLASSIFICATION TECHNIQUES FOR MULTIMODAL BIOMETRIC AUTHENTICATION	29th October 2021
77	DURAI BABU. B	2013793104	2013	ELECTRICAL ENGINEERING	Dr. P. Murugesan,	IMPLEMENTATION OF DYNAMIC VOLTAGE RESTORER BASED ON SPACE VECTOR MODULATION FOR Z- SOURCE INVERTER	1st November 2021
78	RAMAKRISHNA . V	2014791115	2014	COMPUTER SCIENCE AND ENGINEERING	Dr. R.Subhashini,	BOTNET DETECTION SYSTEMS FOR MIMICKING ATTACKS	8th November 2021

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79	ANBARASU S	2014199604	2014	SCIENCE (LIFE SCIENCES)	Dr. Vanaja Kumar	EVALUATION OF BACTERIOCINS FROM LACTIC ACID BACTERIA AND SYNTHESIS OF NANOMATERIALS AGAINST MYCOBACTERIUM TUBERCULOSIS	10th November 2021
80	AJITH KUMAR S	2015799403	2015	SCIENCE (CHEMISTRY)	Dr. P. Kuppusami	INVESTIGATION ON MICROSTRUCTURAL AND ELECTRICAL PROPERTIES OF CERIA BASED ELECTROLYTES AND ELECTRODES FOR INTERMEDIATE TEMPERATURE SOLID OXIDE FUEL CELLS	24th November 2021
81	JOJY JOHN	2017199601	2017	SCIENCE (LIFE SCIENCES)	Dr. Vinu Siva S	DIVERSITY, GENOMIC STUDIES AND RESISTANCE MECHANISMS OF MODERATE HALOPHILIC BACTERIA: INSIGHTS FROM SALINIVIBRIO SP. ISOLATED FROM MARAKKANAM SALT PAN	29th November 2021
82	JABILA MARY T.R	2014799606	2014	SCIENCE (LIFE SCIENCES)	Dr. R. Rajesh Kannan,	INSIGHTS ON MARINE STREPTOMYCES DERIVED KALAFUNGIN WITH BETA LACTAMASE INHIBITION POTENTIAL AND ITS ANTI-STAPHYLOCOCCAL INFECTION STUDIES IN ZEBRAFISH MODEL	1st December 2021
83	GOKULAKRISHNAN. S	2013191205	2013	COMPUTER SCIENCE AND ENGINEERING	Dr. J.M GNANASEKAR	AN INVESTIGATION ON DATA INTEGRITY USING KEYWORD OPTIMIZATION FOR CLOUD DATA REPLICATION	10th December 2021
84	RESHMA M	2013792113	2013	ELECTRONICS ENGINEERING	Dr.B.Priestly Shan	A COMPREHENSIVE FRAMEWORK FOR THE DETECTION OF MELANOMA FROM DERMOSCOPY IMAGES BASED ON MODIFIED TOTAL DERMOSCOPY SCORE	13th December 2021
85	SENTHILKUMAR G	2015794201	2015	MECHANICAL ENGINEERING	Dr. R. Ramakrishnan	A STUDY ON CONTINUOUS DRIVE SOLID STATE FRICTION WELDED EN 10028 P 355GH STEEL AND AISI 430 FERRITIC STAINLESS STEEL	13th December 2021
86	ANANDH JESURAJ S	2016199302	2016	SCIENCE (PHYSICS)	Dr. P. Kuppusami,	INVESTIGATION ON CERAMIC TOP COAT MATERIALS DEVELOPED BY ELECTRON BEAM PHYSICAL VAPOUR DEPOSITION FOR THERMAL BARRIER COATINGS	15th December 2021
87	RAJA J	2012191122	2012	COMPUTER SCIENCE AND ENGINEERING	Dr.M.Ramakrishnan	A NOVEL CHARACTERISTIC STRUCTURE ARRANGEMENT OF USER LOG BASED PRIVACY PRESERVING DURING AUDITING TIME IN CLOUD ENVIRONMENT	17th December 2021

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88	VINODKUMAR S	2015197102	2015	CHEMICAL ENGINEERING	Dr. R.Baskaran,	MEMBRANE DESALINATION USING FLUX ENHANCEMENT	17th December 2021
89	NIVIN JOY THYKATTUS	2012794104	2012	MECHANICAL ENGINEERING	Dr. S. Prakash	EXPERIMENTAL INVESTIGATION AND ANALYSIS IN DRILLING OF TITANIUM ALLOY WITH DIFFERENT COOLANTS	20th December 2021
90	GAIKWAD PRADEEP UT	2017194104	2017	MECHANICAL ENGINEERING	Dr.G.Senthilkumar	Experimental Investigation on Performance and Emission Characteristics of Various Biodiesel Blends with Nanoparticles as Additives	22nd December 2021
91	VENGATA KRISHNAN K	2010199213	2010	SCIENCE (MATHEMATICS)	Dr. D. Lalitha,	A STUDY ON GRACEFUL LABELED GRAPH	22nd December 2021
92	BALAMURUGAN A	2013793102	2013	ELECTRICAL ENGINEERING	Dr.T.S.Sivakumaran,	FAULT DETECTION AND DIAGNOSIS OF MULTI-PHASE INDUCTION MOTOR DRIVES WITH DIFFERENT OPTIMIZATION APPROACHES	29th December 2021
93	REFONAA J	2014791116	2014	COMPUTER SCIENCE AND ENGINEERING	Dr. M. Lakshmi	ANALYSIS OF SOFT COMPUTING MODELS FOR RAINFALL PREDICTION	3rd January 2022
94	THAHA H S	2014193103	2014	ELECTRICAL ENGINEERING	Dr. T. Ruban Deva Prakash,	MODELING OF DVR BASED IPQC FOR SELF HEALING OF POWER QUALITY PROBLEMS IN COMPOSITE MICRO-GRID	5th January 2022
95	SWATHI KESH	2016799609	2016	SCIENCE (LIFE SCIENCES)	Dr. R. Rajesh Kannan,	UNRAVELLING THE ROLE OF NEUROACTIVE SMALL MOLECULE INTERACTIONS IN OXIDOPAMINE INDUCED PARKINSONISM IN ZEBRAFISH	7th January 2022
96	PADMANABHAN B	2013193103	2013	ELECTRICAL ENGINEERING	Dr. L. Premalatha,	DYNAMIC ECONOMIC DISPATCH CONSIDERING WIND POWER PENETRATION	10th January 2022
97	R. NIRMALA	2012196101	2012	CIVIL ENGINEERING	Dr. R. Rajkumar,	STUDY ON MECHANICAL BEHAVIOUR OF BURIED UN-PLASTICIZED POLY VINYL CHLORIDE PIPES – LABORATORY MODEL STUDIES AND PARAMETRIC ANALYSIS	12th January 2022
98	VELAVAN K	2013194205	2013	MECHANICAL ENGINEERING	Dr. K.Palanikumar,	STUDIES ON MECHANICAL, WEAR AND DRILLING CHARACTERISTICS OF AL-10% B ₄ C-MICA HYBRID COMPOSITES	19th January 2022
99	NIRMALA N	2013799609	2013	SCIENCE (LIFE SCIENCES)	Dr. Dawn S S	Production, Characterization and Application of Biodiesel from Waste Cooking Oil and <i>Chlorella variabilis</i> Algal Oil Blend	24th January 2022
100	PURUSOTHAMAN M	2016794107	2016	MECHANICAL ENGINEERING	Dr.T.N.Valarmathi,	THERMAL PERFORMANCE, THIN-LAYER MODELLING, EXERGO ENVIRONMENTAL ANALYSIS OF ACTIVE AND PASSIVE MODE GREENHOUSE SOLAR DRYER FOR VEGETABLES	31st January 2022
101	ABIRAMI. P	2016793108	2016	ELECTRICAL ENGINEERING	Dr. C.N Ravi	ENHANCING POWER QUALITY IN DISTRIBUTION NETWORK USING SHUNT ACTIVE FILTER	2nd February 2022

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102	VIDHYA S	2012191205	2012	COMPUTER SCIENCE AND ENGINEERING	Dr. T. Sasilatha,	PERFORMANCE STUDIES ON IMPROVING DATA INTEGRITY AND INTRUSION DETECTION FOR ENERGY EFFICIENT WIRELESS SENSOR NETWORK	4th February 2022
103	AKONDI VYASA BHARA	2016192106	2016	ELECTRONICS ENGINEERING	Dr. V. Ganesan,	A STUDY AND ANALYSIS OF DNA COMPUTING AND ELLIPTIC CURVE CRYPTOGRAPHY BASED ENCRYPTION ALGORITHM FOR WIRELESS MULTIMEDIA COMMUNICATION SYSTEM	7th February 2022
104	SANJEEVI PRASATH S	2014799401	2014	SCIENCE (CHEMISTRY)	Dr. J. Brijitta,	STIMULI-RESPONSIVE BLOCK COPOLYMERS. SYNTHESIS STRATEGIES, FUNCTIONALIZATION, AND SELECTIVE APPLICATIONS	9th February 2022
105	ROHIT RAGHUNATH GH	2012794202	2012	MECHANICAL ENGINEERING	Dr. S. Prakash	INVESTIGATIONS ON THE COMPOSITE MATERIALS, STRUCTURES AND NANO MODIFIED ADHESIVE SINGLE LAP	11th February 2022
106	SUBASHNI B	2016799606	2016	SCIENCE (LIFE SCIENCES)	Dr. D. Inbakandan,	MOLECULAR EVALUATION OF CHITOSAN NANOPARTICLES MEDIATED CURCUMIN AND QUERCETIN DELIVERY AGAINST PATHOGEN INDUCED OXIDATIVE STRESS IN <i>Litopenaeus vannamei</i>	14th February 2022
107	V. RAJU	2012199601	2012	SCIENCE (COMPUTER SCIENCES)	Dr. N. Srinivasan	FUZZY LOGIC APPROACH TO WEB SEARCH PERSONALIZATION	16th February 2022
108	THOMAS GEORGE	2016192107	2016	ELECTRONICS ENGINEERING	Dr. V. Ganesan	OPTIMAL TUNING OF FRACTIONAL ORDER PROPORTIONAL INTEGRAL DERIVATIVE (FOPID) CONTROLLER IN TIME DELAY SYSTEM USING DIFFERENT STRATEGIES	17th February 2022
109	SHEEBA SANTHOSH	2014792110	2014	ELECTRONICS ENGINEERING	Dr. A. Vimala Juliet,	PATIENT IDENTIFICATION AND COMPARATIVE STUDY OF BIOIMPEDANCE BASED DIAGNOSIS	18th February 2022
110	SUDHA . J	2010191113	2010	COMPUTER SCIENCE AND ENGINEERING	Dr. M. Aramudhan,	CUSTOMIZED MACHINE LEARNING MODELS FOR PREDICTION AND CLASSIFICATION OF SKIN DISEASES	22nd February 2022
111	ARUL V.H	2015192105	2015	ELECTRONICS ENGINEERING	Dr. Ramalatha Marimuthu,	DESIGN AND DEVELOPMENT OF AN ENHANCED SPEECH EMOTION RECOGNITION ALGORITHM THROUGH NOVEL ADAPTIVE FD-AMS	23rd February 2022

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112	SARAVANAN V	2014199603	2014	SCIENCE (LIFE SCIENCES)	Dr. S. S. Murugan	BIOCHEMICAL AND TOXICOLOGICAL CHANGES FOLLOWING THE USE OF <i>KALANCHOE PINNATA</i> - AN INDIAN TRADITIONAL MEDICINE	24th FEBRUARY 2022
113	BHARATHI K	2013793103	2013	ELECTRICAL ENGINEERING	Dr.M. Sasikumar	DESIGN AND IMPLEMENTATION OF BIDIRECTIONAL CONVERTER FOR PV BASED GRID CONNECTED SYSTEM	25th FEBRUARY 2022
114	GOLLAMANDALA UDAY KIRAN BHARGAVA	2015192101	2015	ELECTRONICS ENGINEERING	Dr.V.G Sivakumar,	FPGA IMPLEMENTATION OF COMBINATORIAL FILTERING APPROACH FOR IMAGE DENOISING USING QCA TECHNOLOGY	1st MARCH 2022
115	SNIGDHA PREETHI R V	2015798103	2015	MANAGEMENT	Dr. M. Valliappan	WOMEN EMPLOYMENT DURING AN ERA OF HIGH ECONOMIC GROWTH: A HR PERSPECTIVE	4th MARCH 2022
116	ANITA DANIEL D	2015192110	2015	ELECTRONICS ENGINEERING	Dr. S. Emalda Roslin,	AN EFFICIENT TRUST BASED PRIVACY PRESERVING DATA AGGREGATION IN WIRELESS SENSOR NETWORKS	7th MARCH 2022
117	SRILATHA .K	2015792124	2015	ELECTRONICS ENGINEERING	Dr. V.Ulagamuthalvi,	DETECTION OF OVARIAN TUMOUR BY SOFT COMPUTING TECHNIQUES	10th MARCH 2022
118	SIVARAMAN V	2013794202	2013	MECHANICAL ENGINEERING	Dr. S. Prakash	SOME STUDIES ON TURNING OF HARDENED STEEL	11th MARCH 2022
119	SIVA R	2016794106	2016	MECHANICAL ENGINEERING	Dr. T.N.Valarmathi,	EVALUATION OF MECHANICAL PROPERTIES OF CHEMICALLY TREATED CISSUS	14th MARCH 2022
120	PRABHU L	2010194206	2010	MECHANICAL ENGINEERING	Dr. S. Satish Kumar,	INVESTIGATIONS ON THE JOINING OF DISSIMILAR METAL-POLYMER COMPOSITE USING ECCENTRIC FRICTION STIR WELDING PROCESS	16th MARCH 2022
121	IMMANUEL RAJKUMAR R.	2012792301	2012	ELECTRONICS ENGINEERING	Dr.G.Sundari	MOBILE AGENT BASED E-CONTROL OF COLLISION AVOIDANCE IN RAILWAY SECTOR	21st MARCH 2022
122	KAVITHA RAJAYOGAN	2015198101	2015	MANAGEMENT	Dr. S. MUTHUMANI	ACCEPTANCE AND ADOPTION OF TECHNOLOGY IN E SHOPPING WITHIN TAMILNADU	23rd MARCH 2022
123	MEGALAN LEO. L	2014192401	2014	ELECTRONICS ENGINEERING	Dr. T. Kalpalatha Reddy,	DIGITAL IMAGE ANALYSIS OF DENTAL RADIOGRAPHY FOR CAVITY DETECTION	24th MARCH 2022
124	KALIRAJA.T	2012792105	2012	ELECTRONICS ENGINEERING	Dr. J.Martin Leo Manickam,	Investigations on Optimized Dynamic Solar Power Generation Using Tamil Calendar for Microgrid Applications	25th MARCH 2022
125	BINSON V A	2017792201	2017	ELECTRONICS ENGINEERING	Dr. M. Subramoniam,	DETECTION OF PULMONARY DISEASES USING VOC ANALYSIS OF EXHALED BREATH	28th MARCH 2022 <i>B. Shalee</i>

126	YOVAN FELIX. A	2014191112	2014	COMPUTER SCIENCE AND ENGINEERING	Dr. T. Sasipraba,	GIS BASED FLOOD RISK ASSESSMENT USING MACHINE LEARNING ALGORITHMS	29th MARCH 2022
127	P PARAMESWARI	2013799604	2013	SCIENCE (LIFE SCIENCES)	Dr. Devika R	IN VITRO ANTI-INFLAMMATORY AND ANTICANCER ACTIVITY OF QUERCETIN FROM <i>Artemisia nilagirica</i> (CLARKE) PAMP.	30th MARCH 2022
128	ARUL KUMAR D	2015792113	2015	ELECTRONICS ENGINEERING	Dr. T. Jayanthi,	DETECTION AND ANALYSIS OF DIABETES MELLITUS BY NON-INVASIVE METHODS	31st MARCH 2022
129	C. MANOJ KUMAAR	2015196101	2015	CIVIL ENGINEERING	Dr. M. Mageswari	EXPERIMENTAL INVESTIGATION ON SELF-HEALING CONCRETE – MECHANICAL, THERMAL AND MICRO-STRUCTURAL STUDIES	4th April 2022
130	ASWINSESHADRI. K	2013192114	2013	ELECTRONICS ENGINEERING	Dr. V. Thulasi Bai,	STUDY OF BRAIN COMPUTER INTERFACE USING SOFT COMPUTING TECHNIQUES	4th April 2022
131	V. MURUGESAN	2012796103	2012	CIVIL ENGINEERING	Dr. D. Joshua Amarnath,	ENHANCED DEGRADATION OF ORGANIC WASTE FOR COMPOST SYNTHESIS WITH EFFECTIVE PRECULTURED MICROBIAL CONSORTIUM: A CLEANER STRATEGY OF RECYCLING AND RECOVERY	5th April 2022
132	S. EBIN HARRISON	2013196201	2013	ARCHITECTURE	Dr. Lilly Rose A	IMPACT OF URBAN FORM ON OUTDOOR THERMAL COMFORT IN THE TROPICAL CITY OF CHENNAI	6th April 2022
133	KAVITHA K J	2013791103	2013	COMPUTER SCIENCE AND ENGINEERING	Dr. Priestly B Shan	ROBUST WATERMARKING TECHNIQUES FOR ENSURING CONFIDENTIALITY AND INTEGRITY OF ELECTRONIC HEALTH RECORDS	8th April 2022
134	G. NARENDRAKUMAR	2014195102	2014	BIO ENGINEERING	Dr. S Karthick Raja Namasivayam	CHARACTERIZATION OF CHITINASES FROM <i>Serratia</i> spp AND STUDY ON ITS BIOCONTROL POTENTIAL AND NANO-ENCAPSULATION PROPERTIES	11th April 2022
135	KHONDE SHRADDHA R	2016791113	2016	COMPUTER SCIENCE AND ENGINEERING	Dr. V. Ulagamuthalvi	SECURE DISTRIBUTED INTRUSION DETECTION SYSTEM USING BLOCKCHAIN FRAMEWORK	12th April 2022
136	MATHAN.N	2015192114	2015	ELECTRONICS ENGINEERING	Dr. S. Jayashri,	OPTIMIZATION OF GNRfet CHARACTERISTICS FOR HIGH SPEED AND LOW POWER DIGITAL CIRCUITS	18th April 2022
137	BARNABAS PAUL GLAD	2011793106	2011	ELECTRICAL ENGINEERING	Dr.K.Manjunath	MODIFIED SWITCHED CAPACITOR LVO CONVERTER FOR HIGH POWER APPLICATIONS	19th April 2022

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138	V.SAIKRISHNAN	2012194104	2012	MECHANICAL ENGINEERING	Dr. A. Karthikeyan	EXPERIMENTAL, ENERGY AND EXERGY ANALYSES OF THERMAL ENERGY STORAGE SYSTEM WITH VARIOUS PHASE CHANGE MATERIALS IN CYLINDRICAL ENCAPSULATIONS	20th April 2022
139	S SATISH KUMAR	2013193105	2013	ELECTRICAL ENGINEERING	Dr.M. Sasikumar	WPSNN TECHNIQUE IN RENEWABLE ENERGY-BASED ASYMMETRICAL HYBRID MULTILEVEL INVERTER	21st April 2022
140	SAVITHA. G	2011192119	2011	ELECTRONICS ENGINEERING	Dr. S. Karthikeyan,	AN EFFICIENT RECONFIGURABLE ARCHITECTURE FOR SOFTWARE DEFINED RADIO	22nd April 2022
141	ARUL MAXIMUS R	2012795301	2012	BIO ENGINEERING	Dr.S Karthick Raja Namasivayam	FUNCTIONALISATION OF IRON OXIDE NANOPARTICLES AND IT'S BIOMEDICAL APPLICATIONS	25th April 2022
142	SENTIL MURUGAN M	2012792112	2012	ELECTRONICS ENGINEERING	Dr.T.Sasilatha	IMPLEMENTATION OF MODIFIED HYBRID MODEL ENCRYPTION ALGORITHM USING VLSI	27th April 2022
143	DEVARAJ. R	2015194104	2015	MECHANICAL ENGINEERING	Dr. S. Ramachandran	EXPERIMENTAL STUDIES ON A CASCADED PARABOLIC TROUGH SOLAR COLLECTOR	28th April 2022
144	BALAJI S R	2016192115	2016	ELECTRONICS ENGINEERING	Dr. S. Karthikeyan	ENHANCED ACCURACY OF DETECTING AND TRACKING VOLLEYBALL PLAYERS USING METAHEURISTIC ALGORITHMS	29th April 2022
145	MANOJ KUMAR CHAUDHARY	2016794105	2016	MECHANICAL ENGINEERING	Dr. S. Prakash	INVESTIGATION OF AERODYNAMIC PARAMETERS ON SMALL HORIZONTAL AXIS WIND TURBINE BLADE AT LOW WIND SPEEDS	2nd MAY 2022
146	REENA GABRIEL	2013798106	2013	MANAGEMENT	Dr. G. Bhuvaneswari	ROLE OF CELEBRITY ENDORSEMENTS ON BRAND IMAGE, BUYER BEHAVIOUR AND PURCHASE DECISION TOWARDS ICE CREAMS: A STUDY WITH SPECIAL REFERENCE TO CHENNAI CITY	4th MAY 2022
147	KHEDKAR SHILPA PRA	2016191109	2016	COMPUTER SCIENCE AND ENGINEERING	Dr.R. Aroul Canessane,	CONGESTION CONTROL IN NETWORK USING MACHINE AND DEEP LEARNING	5th MAY 2022
148	DILLIP KUMAR SAHOO	2014194207	2014	MECHANICAL ENGINEERING	Dr. Bhulok Sundar Mohanty	PERFORMANCE ANALYSIS AND OPTIMIZATION OF DEPOSITION OF ALUMINIUM ON CARBON STEEL BY FRICTION SURFACING	5th MAY 2022
149	KARUNYA RATHAN	2015791205	2015	COMPUTER SCIENCE AND ENGINEERING	Dr. S. Emalda Roslin	LOAD BALANCING FOR OPTIMAL ROUTING IN MULTIRADIO HYBRID WIRELESS MESH NETWORKS	9th MAY 2022

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150	A VEERAMUTHU	2010791228	2010	COMPUTER SCIENCE AND ENGINEERING	Dr.S.Meenakshi	PERFORMANCE ENHANCEMENT OF SEGMENTATION, CLASSIFICATION AND RETRIEVAL TECHNIQUES FOR BRAIN TUMOR IMAGES	11th MAY 2022
151	TAMILSELVI.M	2015792122	2015	ELECTRONICS ENGINEERING	Dr.S.Karthikeyan	EVALUATION AND ANALYSIS OF EFFECTUAL FACE RECOGNITION METHODS USING HYBRID CNN ALGORITHMS FOR UNCONSTRAINED FACIAL IMAGES	16th MAY 2022
152	T. RAVI	2014797102	2014	CHEMICAL ENGINEERING	Dr. S. Sathish,	SELECTIVE REMOVAL OF Cr ⁶⁺ FROM WATER BY BIOLOGICAL WASTE MATERIALS DERIVED MAGNETIC NANOADSORBENTS	17th MAY 2022
153	MOHAMMAD SUHAIL M	2018799601	2018	SCIENCE (GEOINFORMATICS)	Dr. Anoop Kumar Mishra,	EXAMINING LAND USE LAND COVER CHANGES OVER NORTH KASHMIR AND THEIR LINKAGE WITH ENVIRONMENT AND SOCIETY	18th MAY 2022
154	KRISHNA PRASANNA R	2015192111	2015	ELECTRONICS ENGINEERING	Dr.V.Vijaya Baskar,	A NOVEL APPROACH FOR THE CLASSIFICATION OF EEG SIGNAL USING NON STATIONARY SIGNAL PROCESSING TECHNIQUES	19th MAY 2022
155	GOKILAVANI N	2015791105	2015	COMPUTER SCIENCE AND ENGINEERING	Dr.B.Bharathi,	IMPROVED EFFECTIVE METHODOLOGY FOR TESTCASE PRIORITIZATION IN REGRESSION TESTING USING DISTANCED BASED TRANSPORTATION	20th MAY 2022
156	PARIVENDHAN INBAKUMAR J	2012794114	2012	MECHANICAL ENGINEERING	Dr. S. Ramesh,	EXPERIMENTAL INVESTIGATION OF BIOBASED HYBRID COMPOSITE MATERIALS	23rd MAY 2022
157	ANTO PRAVEENA .M.D	2016191111	2016	COMPUTER SCIENCE AND ENGINEERING	Dr. B. Bharathi,	A BIG DATA WRANGLING FRAMEWORK FOR HEALTH CARE DATA USING MACHINE INTELLIGENCE	24th MAY 2022
158	TIBIN MATHEW THEKKIL	2016192110	2016	ELECTRONICS ENGINEERING	Dr.N.Prabakaran,	DEVELOPMENT OF AN EFFICIENT REMOTE MONITORING SYSTEM USING IMPROVED OPTIMIZATION TECHNIQUE FOR WSN	25th MAY 2022
159	SENTHILKUMAR J	2014794115	2014	MECHANICAL ENGINEERING	Dr. B.R. Ramesh Babu,	EXPERIMENTAL EXAMINATION ON THE INFLUENCE OF NANOPARTICLES AND EXHAUST GAS AFTER TREATMENT ON DIESEL ENGINE FUELED WITH BIODIESEL BLENDS	26th MAY 2022

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160	PRIYANKA S	2015199607	2015	SCIENCE (LIFE SCIENCES)	Dr.R.Kirubakaran	OPTIMIZATION OF CULTURE CONDITIONS AND EXTRACTION PROTOCOLS FOR THE ENHANCED PRODUCTION OF ZEAXANTHIN FROM MARINE CYANOPHYCEAN AND CHLOROPHYCEAN MICROALGAE	27th MAY 2022
161	SRIRAM V	2014794102	2014	MECHANICAL ENGINEERING	Dr.B.Kanimozhi,	EXPERIMENTAL INVESTIGATION ON THERMAL STABILITY OF RECEIVER TUBE OF HIGH TEMPERATURE SOLAR CONCENTRATOR	30th MAY 2022

B. Sheela Rani

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Date: 15th June 2021

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This is to certify that **Ms. MARY JOSELIN.J**, bearing Register No. 2013195105, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Bio Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **BIOSYNTHESIS OF GOLD NANOCOMPOSITES AND THEIR STUDIES ON ANTICANCER APPLICATION**

Name of the Supervisor : **Dr. Ganesh Kumar.V**


DIRECTOR (RESEARCH)
15/6/2021

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Date: 15th June 2021

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This is to certify that **Ms. Raja Shree S**, bearing **Register No. 2014191105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **7th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPROVING THE DATA INTEGRITY IN CLOUD ENVIRONMENT BY USING THIRD**

PARTY AUDITOR

Name of the Supervisor : **Dr. Chilambuchelvan.A**


DIRECTOR (RESEARCH) 15/6/2021

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Date: 15th June 2021

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This is to certify that **Mr. Ben Rajesh P**, bearing **Register No. 2013794203**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **9th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ANALYSIS OF GREEN LOGISTICS ISSUES TO ENHANCE SUSTAINABILITY IN FOOD & CARGO SUPPLY CHAIN**

Name of the Supervisor : **Dr. John Rajan.A**

B. Sheela Rani
15/6/2021
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Date: 25th June 2021

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This is to certify that **Mr. Karthik Kumar C**, bearing **Register No. 2015799402**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Chemistry)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DEVELOPMENT OF NITRIDE THIN FILMS BY RF MAGNETRON SPUTTERING FOR SOLAR CELL APPLICATION**

Name of the Supervisor : **Dr. Shyju.T.S**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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This is to certify that **Mr. Pradeep P S**, bearing Register No. 2013195106, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on 11th June 2021. The Oral Examination Board has recommended for the award of Ph.D degree in the Faculty of Bio Engineering, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FORMULATION AND CHARACTERIZATION OF PYOCHELIN-CONJUGATED LIPOSOME OLEIC ACID CO-ENCAPSULATED WITH ANTIBIOTICS AGAINST MULTI DRUG RESISTANT PSEUDOMONAS AERUGINOSA**

Name of the Supervisor : **Dr. Jayshree Nellore**

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This is to certify that **Mr. BAALAMURUGAN J**, bearing **Register No. 2014799403**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **14th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Chemistry)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MICRO/NANO STRUCTURED STEEL SLAG MATERIALS - A SUSTAINABLE APPROACH TOWARDS ENVIRONMENTAL APPLICATIONS**

Name of the Supervisor : **Dr. Ganesh Kumar.V**

B. Sheela Rani
DIRECTOR (RESEARCH) 25/6/2021

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This is to certify that **Mr. Saravanan M**, bearing **Register No. 2011191122**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A CLASSIFICATION AND PREDICTION ALGORITHM IN DATA MINING TO PREDICT EARLY DROPOUT FACTORS BY USING APM**

Name of the Supervisor : **Dr. Jyothi.V.L**


DIRECTOR (RESEARCH)

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This is to certify that **Ms. Sonia Jenifer Rayen**, bearing **Register No. 2014791203**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **AN EFFICIENT MAMMOGRAM IMAGE RETRIEVAL SYSTEM USING OPTIMIZED**

MANFIS CLASSIFIER WITH ABC ALGORITHM

Name of the Supervisor : **Dr. Subhashni.R**

B. Sheela Rani
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This is to certify that **Ms. Anne Frank Joe.A**, bearing **Register No. 2014192304**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **18th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **NON-DESTRUCTIVE ASSAY OF VITAL WHEAT QUALITY PARAMETERS USING SPECTROSCOPIC TECHNIQUES**

Name of the Supervisor : **Dr. Gopal.A**

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This is to certify that **Ms. MEENAKSHI V**, bearing **Register No. 2014793108**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **18th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MODELING, SIMULATION, ANALYSIS AND REAL TIME VERIFICATION OF CONTROL TECHNIQUES USED IN WIND ELECTRIC GENERATORS**

Name of the Supervisor : **Dr. Paramasivam.S**


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Date: 30th June 2021

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This is to certify that **Ms. Jany Shabu.S.L**, bearing **Register No. 2012191201**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **21st June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MULTIMODAL IMAGE FUSION USING INTELLIGENCE OPTIMIZATION TECHNIQUES WITH BRAIN TUMOR DETECTION**

Name of the Supervisor : **Dr. Jayakumar.C**

B. Sheela Rani
30/6/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
SATHYABAMA
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Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.



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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 30th June 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. UMA MAGESWARI.T**, bearing **Register No. 2015798105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **21st June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPACT OF ENTREPRENEURIAL SKILLS IN PROCURING FUNDS – A STUDY WITH SPECIAL REFERENCE TO SMALL SCALE INDUSTRY IN TAMILNADU**

Name of the Supervisor : **Dr. Bhuvaneswari.G**

B. Sheela Rani
30/6/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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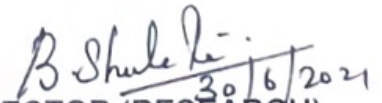
Date: 30th June 2021

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This is to certify that **Ms. SUBHASHREE.P**, bearing **Register No. 2013191116**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **RETAINING PRIVACY AND DEFENDED SHARING OF PERSONAL HEALTH RECORDS IN CLOUD**

Name of the Supervisor : **Dr.Gunasekaran.G**


30/6/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Date: 30th June 2021

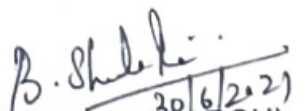
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This is to certify that **Ms. PAUL T SHEEBA**, bearing **Register No. 2013791203**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPLEMENTATION OF HYBRID DEEP LEARNING MODEL FOR HUMAN ACTION**

RECOGNITION

Name of the Supervisor : **Dr. Murugan.S**


30/6/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 7th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. VENKATARAMAN PADMAJA**, bearing **Register No. 2014192101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **25th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.
Title : **OBJECT RECOGNITION IN UNDERWATER IMAGING USING MACHINE LEARNING TECHNIQUES**

Name of the Supervisor : **Dr.V.Rajendran**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 7th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. BHUVANESWARI.C**, bearing **Register No. 2015193101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **25th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ANALYSIS, DESIGN AND OPTIMIZATION OF LCC RESONANT CONVERTER FOR X-RAY GENERATOR**

Name of the Supervisor : **Dr. Samuel Rajesh Babu.R**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 7th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.BALAMUGUNDAN.B**, bearing **Register No. 2011794104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **28th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **CHARACTERIZATION OF SELECTED POLYMER NANOCOMPOSITES USING FRICTION STIR PROCESSING**

Name of the Supervisor : **Dr. Karthikeyan.L**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 7th July 2021

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This is to certify that **Mr. SUJESH G**, bearing **Register No. 2015194301**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **30th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MULTI OBJECTIVE OPTIMIZATION ALGORITHM FOR PERFORMANCE AND EMISSIONS CHARACTERISTICS OF MULTI BLENDED BIO DIESEL ENGINE WITH THE AID OF DEEP BELIEF NEURAL NETWORK**

Name of the Supervisor : **Dr. Ganesan.S**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 7th July 2021

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This is to certify that **Mr. JEYA JEEVAHAN.J**, bearing **Register No. 2015194201**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **30th June 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **CHARACTERIZATION AND EVALUATION OF MECHANICAL PROPERTIES OF EDIBLE COMPOSITE FILMS FOR FOOD PACKAGING APPLICATIONS**

Name of the Supervisor : **Dr. Chandrasekaran.M**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 12th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Muruganantham A.**, bearing **Register No. 2013191105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **2nd July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **Study and Design of Framework for Social Media Data Analytics based on Multi-Criteria Decision Making (MCDM) models**

Name of the Supervisor : **Dr. Meera Gandhi.G**

B. Sheela Rani
12/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 12th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. VENKATESH.R.**, bearing **Register No. 2013794101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **5th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDIES ON MECHANICAL PROPERTIES AND WEAR ANALYSIS OF NANO METAL MATRIX COMPOSITES**

Name of the Supervisor : **Dr. Vaddi Seshagiri Rao**

B. Sheela
12/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 12th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RAJEESH KUMAR.N.V**, bearing **Register No. 2015191205**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **5th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A NOVEL PROTOCOL FOR THE SECURITY OF INTERNET OF THINGS (IoT) ENVIRONMENT**

Name of the Supervisor : **Dr. Mohan Kumar.P**


12/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 12th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Kavitha.V**, bearing **Register No. 2013191103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **7th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EFFICIENT VIDEO SEARCH IN E-LEARNING**

Name of the Supervisor : **Dr. Latha Parthiban**

B. Sheela Rani
12/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 20th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. NITHYA.D**, bearing **Register No. 2015192104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **12th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DESIGN, FABRICATION AND ANALYSIS OF FIXED FREQUENCY AND RECONFIGURABLE MICROSTRIP FILTERING ANTENNAS**

Name of the Supervisor : **Dr. CHITRA.M.P**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 20th July 2021

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This is to certify that **Mr. BARONSAM.B**, bearing **Register No. 2015191101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **12th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MEDICAL IMAGE RESTORATION IN MR/CT IMAGES OF HUMAN ABDOMEN**

Name of the Supervisor : **Dr. Lenin fred**

B. Shree. L.
20/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 20th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. N. ANUSHA**, bearing **Register No. 2016191117**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **14th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FLOOD DETECTION AND MAPPING FROM MULTI-TEMPORAL SENTINEL - 1A
SYNTHETIC APERTURE RADAR IMAGERY USING AUTOMATED FLOOD DELINEATION
TECHNIQUE**

Name of the Supervisor : **Dr. Bharathi.B**

B. Sheela Rani
20/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms. GEETHA.V**, bearing **Register No. 2015193104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **14th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ANALYSIS AND CONTROL OF RESONANT CONVERTER FOR INDUCTION HEATING SYSTEMS**

Name of the Supervisor : **Dr. Sivachidambaranathan.V**

B. Sheela Rani
20/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 27th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MAHIL LOO CHRISTOPHER.C**, bearing **Register No. 2013194204**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.
Title : **PREDICTION OF ULTIMATE STRENGTH OF COMPOSITE TENSILE SPECIMEN USING ACOUSTIC EMISSION RESPONSE**

Name of the Supervisor : **Dr. Sasikumar.T**

B. Sheela
27/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 27th July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SARAVANAN.S**, bearing **Register No. 2013193113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ADVANCED TECHNIQUES BASED MAXIMUM POWER POINT TRACKING ON SOLAR PV APPLICATIONS**

Name of the Supervisor : **Dr. Sivakumaran.T.S**

B. Sheela Rani
27/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Umbrajkar Amit Mallinath**, bearing **Register No. 2012794107**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **19th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **CONDITION MONITORING AND VIBRATION ANALYSIS OF SHAFT MISALIGNMENT USING DISCRETE WAVELET TRANSFORM**

Name of the Supervisor : **Dr. Krishnamoorthi.A**

B. Sheela Rani
27/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. PUSHPAVALLI.M**, bearing **Register No. 2014793101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **19th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPLEMENTATION OF MULTI-INPUT KY BOOST CONVERTER FOR HYBRID RENEWABLE ENERGY SYSTEM**

Name of the Supervisor : **Dr. Jothi Swaroopan.N.M**

B. Sheela Rani
27/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 31st July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. DINESH.R.**, bearing **Register No. 2013792122**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DEVELOPING FPGA ARCHITECTURE OF ALL DIGITAL PHASE LOCKED LOOP WITH POWER REDUCTION AND IMPROVED FREQUENCY RESOLUTION FOR WIRELESS APPLICATION**

Name of the Supervisor : **Dr. Ramalatha Marimuthu**

B. Sheela Rani
21/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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CENTRE FOR RESEARCH

Ref. No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 31st July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MANIKANDAN.G**, bearing Register No. 2014791109, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **SECURING DATA TRANSMISSION FROM ADVERSARIES IN WSN USING EFFICIENT KEY MANAGEMENT TECHNIQUES**

Name of the Supervisor : **Dr. Sakthi.U**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 31st July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SHAKTHIMURUGAN.K.H**, bearing Register No. 2015792101, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **26th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.
Title : **PERFORMANCE ANALYSIS OF FREE SPACE OPTICS FOR 5G COMMUNICATION**
Name of the Supervisor : **Dr. Sumathi.M**

B. Sheela Rani
31/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 31st July 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.AUXILIA.M**, bearing **Register No. 2012191111**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **26th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ONTOLOGY BASED ACCESS CONTROL BY EXPLOITING SUBSUMPTION PROPERTY TO PROTECT DATA LEAKAGE IN CLOUD ENVIRONMENT**

Name of the Supervisor : **Dr. Raja.K**

B. Sheela Rani
31/7/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 10th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MATHEW ALPHONSE**, bearing **Register No. 2016794102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **28th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATION ON FRICTION DRILLING OF MAGNESIUM ALLOY AND SANDWICH MATERIAL**

Name of the Supervisor : **Dr. Bupesh Raja.V.K**

B. Shulake
10/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 10th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. JOHN PAUL.M**, bearing **Register No. 2011198101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **28th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A COMPARATIVE STUDY ON CRM PRACTICES WITH REFERENCE TO NATIONALIZED BANKS AND NEW GENERATION BANKS IN CHENNAI**

Name of the Supervisor : **Dr. Muthumani S**

B. Sheela Rani
10/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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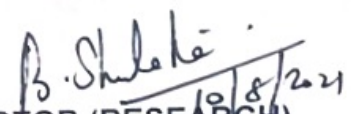
Date: 10th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MANIKAVELAN.D**, bearing **Register No. 2011791107**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **30th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DYNAMIC OPTIMIZATION TECHNIQUES USING ANALOGY ERROR REDUCTION FOR EFFECTIVE SOFTWARE COST ESTIMATION**

Name of the Supervisor : **Dr. Ponnusamy.R**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SATHAPPAN.S**, bearing **Register No. 2009791121**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **30th July 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EFFICIENT CLUSTERING OF UNCERTAIN DATA**

Name of the Supervisor : **Dr. Tomar.D.C**

B. Sheela
20/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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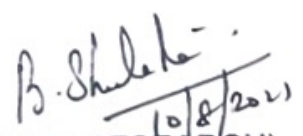
Date: 10th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.GAYATHRI K**, bearing **Register No. 2016799602**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **2nd August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EVALUATING THE MECHANISMS OF PROLIFERATIVE INHIBITOR ISOLATED FROM MARINE SPONGE SYMBIONTS IN EXPERIMENTAL LIVER CARCINOGENESIS**

Name of the Supervisor : **Dr. Madan Kumar**


10/8/2021
DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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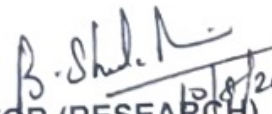
Date: 10th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SENTHIL KUMAR G**, bearing **Register No. 2015791114**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **2nd August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **RESOURCE MANAGEMENT IN IAAS-SDN CLOUD USING POLICY SCHEDULING ALGORITHMS**

Name of the Supervisor : **Dr. CHITRA.M.P**


10/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 19th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. VASANTHI P**, bearing **Register No. 2015196104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **6th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Civil Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **BEHAVIOUR OF NANO MODIFIED CONCRETE IN - FILLED WITH LIGHT GAUGE STEEL TUBE COLUMNS**

Name of the Supervisor : **Dr. Senthil Selvan.S**

B. Sheela Rani
19/8/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 19th August 2021

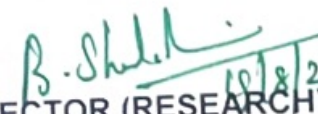
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. ARANGANATHAN A**, bearing **Register No. 2011192403**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **6th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PERFORMANCE ANALYSIS OF ROUTING ATTACKS IN MANETS USING SOFTWARE**

AGENTS

Name of the Supervisor : **Dr. Suriyakala C D**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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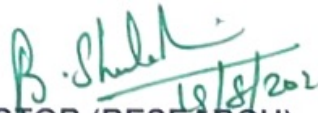
Date: 19th August 2021

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This is to certify that **Ms. SELVARANI A**, bearing **Register No. 2015192113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **9th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DIABETES DETECTION AND MEASUREMENT USING TONGUE THERMAL IMAGES**

Name of the Supervisor : **Dr. Suresh.G.R**


19/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 19th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. DEORE SHALAKA PRASAD**, bearing **Register No. 2016791112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **9th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DESIGN OF DEVANAGARI HANDWRITTEN CHARACTER RECOGNITION SYSTEM USING VARIOUS MACHINE LEARNING ALGORITHMS**

Name of the Supervisor : **Dr. Pravin.A**


DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. VENKATARAMANAN V**, bearing **Register No. 2014792101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PERFORMANCE ANALYSIS OF LTE PHYSICAL LAYER AND ITS IMPLEMENTATION USING RECONFIGURABLE ARCHITECTURE**

Name of the Supervisor : **Dr. Lakshmi.S**

B. Sheela Rani
26/8/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr. SANAJ M S**, bearing **Register No. 2014191208**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **NATURE INSPIRED ALGORITHMS FOR EFFICIENT TASK SCHEDULING IN CLOUD COMPUTING**

Name of the Supervisor : **Dr. Joe Prathap P M**


26/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. ARJUN P**, bearing **Register No. 2014199601**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **13th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **BIOASSAY GUIDED ISOLATION OF HUMAN ACETYLCHOLINESTERASE INHIBITORY TRANS -TEPHROSTACHIN, NANO GEL MEDIATED BLOOD BRAIN BARRIER PERMEABILITY AND CRISPR/CAS9 BASED SORL1 KNOCK OUT DEVELOPMENT IN ZEBRAFISH MODEL FOR ALZHEIMER'S DISEASE**

Name of the Supervisor : **Dr. Rajesh Kannan.R**

B. Sheela Rani
26/8/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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This is to certify that **Mr. DEEPAK .J .R**, bearing **Register No. 2013794112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL STUDIES ON GTAW, GMAW AND LBW WELDING OF CORTEN STEEL**

Name of the Supervisor : **Dr. Bupesh Raja.V.K**

B. Sheela Rani
26/8/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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This is to certify that **Mr. SELVAM L**, bearing **Register No. 2014191113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DEVELOPING AN EFFECTIVE CRYPTOSYSTEM FOR SECURE MANAGEMENT OF HEALTHCARE DATA IN CLOUD ENVIRONMENT**

Name of the Supervisor : **Dr. Arokia Renjith J**

B. Sheela Rani
26/8/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 26th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SARANYA SREE S**, bearing **Register No. 2017798104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PERFORMANCE EVALUATION OF WOMEN EMPLOYEE'S IN EDUCATION SECTOR**

Name of the Supervisor : **Dr. Rau.S.S**

B. Sheela Rani
26/8/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms. MARY ROSANA.N.T**, bearing **Register No. 2013797101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **18th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Chemical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PHOTOVOLTAIC PERFORMANCE ENHANCEMENT OF NATURAL AND SYNTHETIC SENSITIZERS IN DYE SENSITIZED SOLAR CELLS**

Name of the Supervisor : **Dr. Joshua Amarnath.D**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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CENTRE FOR RESEARCH

Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 26th August 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Tippabathani Jayakrishna**, bearing **Register No. 2014799605**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **18th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDIES ON KEY DEVELOPMENTAL REGULATORY MECHANISMS ASSOCIATED WITH DOPAMINERGIC NEURON DURING DEGENERATION AND REGENERATION**

Name of the Supervisor : **Dr. Jayshree Nellore**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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CENTRE FOR RESEARCH

Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 3rd September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RAJA M**, bearing **Register No. 2011798105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A STUDY ON CONSUMER PERCEPTION TOWARDS PRIVATE LABELS - WITH SPECIAL REFERENCE TO FOOD PRODUCTS IN CHENNAI DISTRICT**

Name of the Supervisor : **Dr. Saifil Ali.M.I**

B. Sheela Rani
21/9/2024
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 3rd September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Senthilkumar J**, bearing **Register No. 2013194206**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **27th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATIONS ON THE MECHANICAL AND MICROSTRUCTURAL CHARACTERISTICS OF FRICTION WELDED AA6061/SiC/GRAPHITE HYBRID COMPOSITES**

Name of the Supervisor : **Dr. Suresh Mohan Kumar.P**

B. Sheela Rani
3/9/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 3rd September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. ANUGRAGHA S S**, bearing **Register No. 2011798101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **27th August 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **SERVICE MIX, CUSTOMER SATISFACTION AND STORE ADVOCACY IN SUPERMARKETS**

Name of the Supervisor : **Dr. Saifil Ali.M.I**

B. Sheela Rani
21/9/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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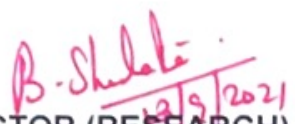
Date: 13th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. KISHORE KUMAR ATA**, bearing **Register No. 2012792107**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **1st September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **RECONFIGURABLE LOW POWER LOGARITHMIC NUMBER SYSTEM PROCESSOR**

Name of the Supervisor : **Dr.R. Seshasayanan**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 13th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. DHAMODARAN. S**, bearing **Register No. 2014191201**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **3rd September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DESIGN AND ANALYSIS OF ENSEMBLE MODEL USING SPATIAL TEMPORAL DATA TO PREDICT THE CLIMATIC CHANGES USING MACHINE LEARNING CLASSIFIERS**

Name of the Supervisor : **Dr. Lakshmi.M**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 13th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SUMITHRA M**, bearing **Register No. 2015791112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **8th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DESIGN AND IMPLEMENTATION OF A HYBRID APPROACH FOR THE OPTIMIZATION OF 3D MRI AND CT BRAIN IMAGE SEGMENTATION WITH FUSION PROCESS**

Name of the Supervisor : **Dr. Malathi.S**

B. Sheela Rani
13/9/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 27th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. VIJAYALAKSHMI P**, bearing **Register No. 2014196102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **15th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Civil Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDY ON THE EFFICIENCY OF LOW COST PERMEABLE BARRIER MATERIALS TO TREAT LEACHATE CONTAMINATED GROUNDWATER AND SOIL**

Name of the Supervisor : **Dr. Marykutty Abraham**


27/9/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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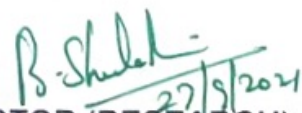
Date: 27th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SULTANUDDIN.S.J**, bearing **Register No. 2013791207**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **15th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **Development of Efficient Token Based Adaptive Routing Mechanism to Enhance the Network Performance in MANET**

Name of the Supervisor : **Dr. MD Ali Hussain**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 27th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. DHEERA V R**, bearing **Register No. 2013798103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **17th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPACT OF HR PRACTICES, TRANSITION OF CHANGE AND ATTITUDE ON EMPLOYEE COMMITMENT**

Name of the Supervisor : **Dr. Jayasree Krishnan**


27/9/2021
DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 27th September 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. ARUN KUMAR S**, bearing **Register No. 2014794107**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **17th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A SINGLE BASIN SQUARE PYRAMID SOLAR STILL – ANALYSIS OF PRODUCTIVITY OF WATER**

Name of the Supervisor : **Dr. Suresh Mohan Kumar.P**

B. Sheela Rani
27/9/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms. JUDY SIMON**, bearing **Register No. 2016192112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **20th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATION ON THE PERFORMANCE OF 4G LTE MIMO-OFDM SYSTEMS**

Name of the Supervisor : **Dr. Prabakaran.N**

B. Sheela Rani
27/9/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 27th September 2021

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This is to certify that **Mr. PATHAK GANESH RAJARAM**, bearing **Register No. 2013191101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **21st September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A SECURE FRAMEWORK FOR WIRELESS SENSOR NETWORK**

Name of the Supervisor : **Dr. Godwin Premi.M.S**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr. VIJAYAKUMAR.S**, bearing **Register No. 2013794108**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **21st September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDIES ON MECHANICAL PROPERTIES AND VIBRATION ANALYSIS OF A NOVEL CARYOTA FIBER REINFORCED POLYMER COMPOSITES**

Name of the Supervisor : **Dr. Palani Kumar.K**

B. Sheela Rani
27/9/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 9th October 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. P. VENGATESH**, bearing **Register No. 2015799404**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Chemistry)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FABRICATION OF ORGANIC-INORGANIC HYBRID METAL HALIDE PEROVSKITES BASED SOLID STATE SOLAR CELLS**

Name of the Supervisor : **Dr. T. S. Shyju**

B. Sheela Rani
9/10/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 9th October 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. RAMA P**, bearing **Register No. 2013791109**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPLEMENTATION OF EFFICIENT METHODOLOGIES FOR TRACKING OF SENSOR NODE LOCATIONS IN LARGE SCALE SUBTERRANEAN ENVIRONMENTS**

Name of the Supervisor : **Dr. Murugan.S**

B. Sheela Rani
9/10/2021
DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Date: 9th October 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. AMALA LOURTHURAJ A**, bearing **Register No. 2011199608**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **BIOACTIVITY STUDIES ON CLEISTANTHUS COLLINUS (ROXB.) BENTH. EX HOOK. F. LEAF EXTRACTS**

Name of the Supervisor : **Dr. Masilamani Selvam**

B. Sheela
9/10/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 9th October 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. A.S. PRAKAASH**, bearing **Register No. 2016799202**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science and Humanities (Mathematics)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INTELLIGENT PREDICTIVE ANALYSIS TOWARDS DIFFERENT APPLICATIONS**

Name of the Supervisor : **Dr. Sivakumar.K**

B. Sheela Rani
9/10/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms. SOBIYA. S.L.**, bearing **Register No. 2013198104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Business Administration**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INFLUENCE OF E-BANKING SERVICE QUALITY ON CUSTOMERS SATISFACTION AMONG PUBLIC SECTOR BANKS IN CHENNAI CITY**

Name of the Supervisor : **Dr. Thangavel.N**

B. Sheela Rani
9/10/2021
DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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This is to certify that **Mr. RONALD DONI. A**, bearing **Register No. 2016191112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th September 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A STUDY ON PUBLIC HEALTH SURVEILLANCE USING BIG DATA ANALYTICS**

Name of the Supervisor : **Dr. Sasipraba.T**

B. Sheela Rani
9/10/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 21st October 2021

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This is to certify that **Ms. AMBIKAVATHI C**, bearing **Register No. 2011199506**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th October 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Computer Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ENHANCEMENT OF INTRUSION DETECTION TECHNIQUES IN DISTRIBUTED ENVIRONMENT**

Name of the Supervisor : **Dr.S K Srivatsa**

B. Sheela
21/10/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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CENTRE FOR RESEARCH

Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 9th November 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SUJESH P LAL**, bearing **Register No. 2013791116**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd October 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **AN EFFICIENT PROVENANCE BASED SECURITY MECHANISM FOR WIRELESS SENSOR NETWORKS**

Name of the Supervisor : **Dr. Joe Prathap P M**


9/11/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 9th November 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RAVIKUMAR .D.N.S**, bearing **Register No. 2014792113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **27th October 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **AN EMPIRICAL ROUTING PROTOCOL FOR DATA DISSEMINATION IN VEHICULAR ADHOC NETWORKS (VANETs)**

Name of the Supervisor : **Dr. S Barani**,

B. Sheela Rani
9/11/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 9th November 2021

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This is to certify that **Ms. NISHA EVANGELIN. L**, bearing **Register No. 2014791112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **29th October 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **HYBRID APPROACH - ANALYSIS OF OPTIMAL CLASSIFICATION TECHNIQUES FOR MULTIMODAL BIOMETRIC AUTHENTICATION**

Name of the Supervisor : **Dr. A. Lenin Fred**

B. Sheela
9/11/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 9th November 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. DURAI BABU. B**, bearing **Register No. 2013793104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **1st November 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPLEMENTATION OF DYNAMIC VOLTAGE RESTORER BASED ON SPACE VECTOR MODULATION FOR Z- SOURCE INVERTER**

Name of the Supervisor : **Dr. P. Murugesan**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 23rd November 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RAMAKRISHNA . V**, bearing **Register No. 2014791115**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **8th November 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **BOTNET DETECTION SYSTEMS FOR MIMICKING ATTACKS**

Name of the Supervisor : **Dr. R.Subhashini**

B. Sheela
23/11/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 23rd November 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. ANBARASU S**, bearing **Register No. 2014199604**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **10th November 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EVALUATION OF BACTERIOCINS FROM LACTIC ACID BACTERIA AND SYNTHESIS OF NANOMATERIALS AGAINST MYCOBACTERIUM TUBERCULOSIS**

Name of the Supervisor : **Dr. Vanaja Kumar**

B. Sheela Rani
23/11/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 15th December 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. AJITH KUMAR S**, bearing **Register No. 2015799403**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th November 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Chemistry)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATION ON MICROSTRUCTURAL AND ELECTRICAL PROPERTIES OF CERIA BASED ELECTROLYTES AND ELECTRODES FOR INTERMEDIATE TEMPERATURE SOLID OXIDE FUEL CELLS**

Name of the Supervisor : **Dr.P.Kuppusami**

B. Sheela
15/12/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. JOJY JOHN**, bearing **Register No. 2017199601**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **29th November 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DIVERSITY, GENOMIC STUDIES AND RESISTANCE MECHANISMS OF MODERATE HALOPHILIC BACTERIA: INSIGHTS FROM SALINIVIBRIO SP. ISOLATED FROM MARAKKANAM SALT PAN**

Name of the Supervisor : **Dr. Vinu Siva S**

B. Sheela Rani
15/12/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. JABILA MARY.T.R**, bearing **Register No. 2014799606**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **1st December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INSIGHTS ON MARINE STREPTOMYCES DERIVED KALAFUNGIN WITH BETA LACTAMASE INHIBITION POTENTIAL AND ITS ANTI-STAPHYLOCOCCAL INFECTION STUDIES IN ZEBRAFISH MODEL**

Name of the Supervisor : **Dr. R. Rajesh Kannan**

B. Sheela Rani
15/12/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr.GOKULAKRISHNAN. S**, bearing **Register No. 2013191205**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **10th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **AN INVESTIGATION ON DATA INTEGRITY USING KEYWORD OPTIMIZATION FOR CLOUD DATA REPLICATION**

Name of the Supervisor : **Dr. J.M.GNANASEKAR**

B. Sheela Rani
15/12/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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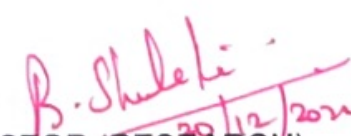
Date: 20th December 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. RESHMA M**, bearing **Register No. 2013792113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **13th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A COMPREHENSIVE FRAMEWORK FOR THE DETECTION OF MELANOMA FROM DERMOSCOPY IMAGES BASED ON MODIFIED TOTAL DERMOSCOPY SCORE**

Name of the Supervisor : **Dr.B.Priestly Shan**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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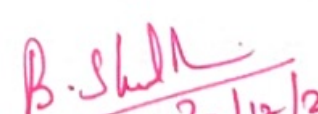
Date: 20th December 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SENTHILKUMAR G**, bearing **Register No. 2015794201**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **13th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A STUDY ON CONTINUOUS DRIVE SOLID STATE FRICTION WELDED EN 10028 P 355GH STEEL AND AISI 430 FERRITIC STAINLESS STEEL**

Name of the Supervisor : **Dr. R. Ramakrishnan**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 20th December 2021

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This is to certify that **Mr. ANANDH JESURAJ S**, bearing **Register No. 2016199302**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **15th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Physics)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATION ON CERAMIC TOP COAT MATERIALS DEVELOPED BY ELECTRON BEAM PHYSICAL VAPOUR DEPOSITION FOR THERMAL BARRIER COATINGS**

Name of the Supervisor : **Dr. P. Kuppusami**

B. Sheela
20/12/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Date: 20th December 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RAJA J**, bearing **Register No. 2012191122**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **17th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A NOVEL CHARACTERISTIC STRUCTURE ARRANGEMENT OF USER LOG BASED PRIVACY PRESERVING DURING AUDITING TIME IN CLOUD ENVIRONMENT**

Name of the Supervisor : **Dr.M.Ramakrishnan**

B. Sheela Rani
20/12/2021
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 20th December 2021

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This is to certify that **Mr. VINODKUMAR S**, bearing **Register No. 2015197102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **17th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Chemical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MEMBRANE DESALINATION USING FLUX ENHANCEMENT**

Name of the Supervisor : **Dr. R.Baskaran**

B. Sheela Rani
20/12/2021

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 4th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. NIVIN JOY THYKATTUSSERRY**, bearing **Register No. 2012794104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **20th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATION AND ANALYSIS IN DRILLING OF TITANIUM ALLOY WITH DIFFERENT COOLANTS**

Name of the Supervisor : **Dr. S. Prakash**


4/1/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 4th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. GAIKWAD PRADEEP UTTAM**, bearing **Register No. 2017194104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATION ON PERFORMANCE AND EMISSION**

CHARACTERISTICS OF VARIOUS BIODIESEL BLENDS WITH NANOPARTICLES AS ADDITIVES

Name of the Supervisor : **Dr.G.Senthilkumar**

B. Sheela Rani
4/1/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 4th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. VENGATA KRISHNAN K**, bearing **Register No. 2010199213**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Mathematics)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A STUDY ON GRACEFUL LABELED GRAPH**

Name of the Supervisor : **Dr. D. Lalitha**

B. Sheela Rani
4/1/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. BALAMURUGAN A**, bearing **Register No. 2013793102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **29th December 2021**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FAULT DETECTION AND DIAGNOSIS OF MULTI-PHASE INDUCTION MOTOR DRIVES WITH DIFFERENT OPTIMIZATION APPROACHES**

Name of the Supervisor : **Dr.T.S.Sivakumaran**

B. Sheela Rani
4/1/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 12th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. REFONAA J**, bearing **Register No. 2014791116**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **3rd January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ANALYSIS OF SOFT COMPUTING MODELS FOR RAINFALL PREDICTION**

Name of the Supervisor : **Dr. M. Lakshmi**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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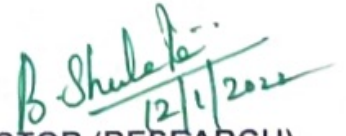
Date: 12th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. THAHA H S**, bearing **Register No. 2014193103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **5th January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MODELING OF DVR BASED IPQC FOR SELF HEALING OF POWER QUALITY PROBLEMS IN COMPOSITE MICRO-GRID**

Name of the Supervisor : **Dr. T. Ruban Deva Prakash**


12/1/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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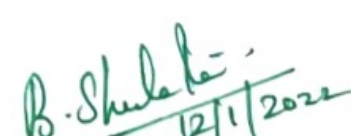
Date: 12th January 2022

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This is to certify that **Ms. SWATHI KESH**, bearing **Register No. 2016799609**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **7th January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **UNRAVELLING THE ROLE OF NEUROACTIVE SMALL MOLECULE INTERACTIONS IN OXIDOPAMINE INDUCED PARKINSONISM IN ZEBRAFISH**

Name of the Supervisor : **Dr. R. Rajesh Kannan**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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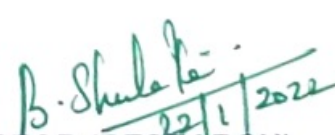
Date: 22nd January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. PADMANABHAN B**, bearing **Register No. 2013193103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **10th January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DYNAMIC ECONOMIC DISPATCH CONSIDERING WIND POWER PENETRATION**

Name of the Supervisor : **Dr. L. Premalatha**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 22nd January 2022

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This is to certify that **Ms. R. NIRMALA**, bearing **Register No. 2012196101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **12th January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Civil Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDY ON MECHANICAL BEHAVIOUR OF BURIED UN-PLASTICIZED POLY VINYL CHLORIDE PIPES – LABORATORY MODEL STUDIES AND PARAMETRIC ANALYSIS**

Name of the Supervisor : **Dr. R. Rajkumar**

B. Sheela Rani
22/1/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 28th January 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. VELAVAN K**, bearing Register No. 2013194205, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **19th January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDIES ON MECHANICAL, WEAR AND DRILLING CHARACTERISTICS OF AL-10% B4C-MICA HYBRID COMPOSITES**

Name of the Supervisor : **Dr. K.Palanikumar**

B. Sheela
28/1/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 28th January 2022

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This is to certify that **Ms. NIRMALA N**, bearing **Register No. 2013799609**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **Production, Characterization and Application of Biodiesel from Waste Cooking Oil and *Chlorella variabilis* Algal Oil Blend**

Name of the Supervisor : **Dr. Dawn S S**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr. PURUSOTHAMAN M**, bearing **Register No. 2016794107**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **31st January 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **THERMAL PERFORMANCE, THIN-LAYER MODELLING, EXERGO ENVIRONMENTAL ANALYSIS OF ACTIVE AND PASSIVE MODE GREENHOUSE SOLAR DRYER FOR VEGETABLES**

Name of the Supervisor : **Dr.T.N.Valarmathi**

B. Sheela Rani
10/2/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 10th February 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. ABIRAMI. P**, bearing **Register No. 2016793108**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **2nd February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ENHANCING POWER QUALITY IN DISTRIBUTION NETWORK USING SHUNT ACTIVE FILTER**

Name of the Supervisor : **Dr. C.N Ravi**

B. Sheela Rani
10/2/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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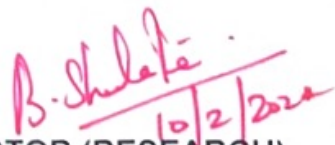
Date: 10th February 2022

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This is to certify that **Ms. VIDHYA.S**, bearing **Register No. 2012191205**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PERFORMANCE STUDIES ON IMPROVING DATA INTEGRITY AND INTRUSION DETECTION FOR ENERGY EFFICIENT WIRELESS SENSOR NETWORK**

Name of the Supervisor : **Dr.T.Sasilatha**


DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Date: 18th February 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. AKONDI VYASA BHARADWAJA**, bearing **Register No. 2016192106**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **7th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A STUDY AND ANALYSIS OF DNA COMPUTING AND ELLIPTIC CURVE CRYPTOGRAPHY BASED ENCRYPTION ALGORITHM FOR WIRELESS MULTIMEDIA COMMUNICATION SYSTEM**

Name of the Supervisor : **Dr. V. Ganesan**

B. Sheela Rani
18/2/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 18th February 2022

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This is to certify that **Mr. SANJEEVI PRASATH S**, bearing **Register No. 2014799401**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **9th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Chemistry)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STIMULI-RESPONSIVE BLOCK COPOLYMERS: SYNTHESIS STRATEGIES, FUNCTIONALIZATION, AND SELECTIVE APPLICATIONS**

Name of the Supervisor : **Dr. J. Brijitta**

B. Sheela Rani
18/2/2022

DIRECTOR (RESEARCH)

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This is to certify that **Mr. ROHIT RAGHUNATH GHADGE**, bearing **Register No. 2012794202**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATIONS ON THE COMPOSITE MATERIALS, STRUCTURES AND NANO MODIFIED ADHESIVE SINGLE LAP JOINT**

Name of the Supervisor : **Dr. S. Prakash**

B. Sheela Rani
18/2/2022

DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 26th February 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SUBASHNI B**, bearing **Register No. 2016799606**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **14th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MOLECULAR EVALUATION OF CHITOSAN NANOPARTICLES MEDIATED CURCUMIN AND QUERCETIN DELIVERY AGAINST PATHOGEN INDUCED OXIDATIVE STRESS IN**

Litopenaeus vannamei

Name of the Supervisor : **Dr.D.Inbakandan**

B. Sheela Rani
26/2/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 26th February 2022

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This is to certify that **Mr. V.RAJU**, bearing **Register No. 2012199601**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Computer Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FUZZY LOGIC APPROACH TO WEB SEARCH PERSONALIZATION**

Name of the Supervisor : **Dr. N.Srinivasan**

B. Sheela Rani
26/2/2022

DIRECTOR (RESEARCH)

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This is to certify that **Mr. THOMAS GEORGE**, bearing **Register No. 2016192107**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **17th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **OPTIMAL TUNING OF FRACTIONAL ORDER PROPORTIONAL INTEGRAL DERIVATIVE (FOPID) CONTROLLER IN TIME DELAY SYSTEM USING DIFFERENT STRATEGIES**

Name of the Supervisor : **Dr. V. Ganesan**

B. Sheela
26/2/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms. SHEEBA SANTHOSH**, bearing **Register No. 2014792110**, **Ph.D.** Research Scholar has successfully completed the Viva Voce Examination held on **18th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PATIENT IDENTIFICATION AND COMPARATIVE STUDY OF BIOIMPEDANCE BASED DIAGNOSIS**

Name of the Supervisor : **Dr.A. Vimala Juliet**

B. Sheela Rani
26/2/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 7th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SUDHA . J**, bearing **Register No. 2010191113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Computer Science and Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **CUSTOMIZED MACHINE LEARNING MODELS FOR PREDICTION AND CLASSIFICATION OF SKIN DISEASES**

Name of the Supervisor : **Dr. M. Aramudhan**

B. Sheela Rani
7/3/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.
DIRECTOR (RESEARCH)

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Date: 7th March 2022

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This is to certify that **Mr. ARUL.V.H**, bearing **Register No. 2015192105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DESIGN AND DEVELOPMENT OF AN ENHANCED SPEECH EMOTION RECOGNITION ALGORITHM THROUGH NOVEL ADAPTIVE FD-AMS**

Name of the Supervisor : **Dr.Ramalatha Marimuthu**

B. Sheela Rani
7/3/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr. SARAVANAN V**, bearing **Register No. 2014199603**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Science (Life Sciences)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **BIOCHEMICAL AND TOXICOLOGICAL CHANGES FOLLOWING THE USE OF KALANCHOE PINNATA - AN INDIAN TRADITIONAL MEDICINE**

Name of the Supervisor : **Dr. S. S. Murugan**


2/3/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. BHARATHI K**, bearing **Register No. 2013793103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **25th February 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electrical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DESIGN AND IMPLEMENTATION OF BIDIRECTIONAL CONVERTER FOR PV BASED GRID CONNECTED SYSTEM**

Name of the Supervisor : **Dr.M. Sasikumar**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 7th March 2022

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This is to certify that **Mr. GOLLAMANDALA UDAY KIRAN BHARGAVA**, bearing **Register No. 2015192101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **1st March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FPGA IMPLEMENTATION OF COMBINATORIAL FILTERING APPROACH FOR IMAGE DENOISING USING QCA TECHNOLOGY**

Name of the Supervisor : **Dr.V.G Sivakumar**

B. Sheela Rani
7/3/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 16th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SNIGDHA PREETHI R V**, bearing **Register No. 2015798103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Management**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **WOMEN EMPLOYMENT DURING AN ERA OF HIGH ECONOMIC GROWTH:**

A HR PERSPECTIVE

Name of the Supervisor : **Dr. M. Valliappan**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 16th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. ANITA DANIEL D**, bearing **Register No. 2015192110**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **7th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **AN EFFICIENT TRUST BASED PRIVACY PRESERVING DATA AGGREGATION IN WIRELESS SENSOR NETWORKS**

Name of the Supervisor : **Dr. S.Emalda Roslin**


16/3/22
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 16th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.SRILATHA .K**, bearing **Register No. 2015792124**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **10th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DETECTION OF OVARIAN TUMOUR BY SOFT COMPUTING TECHNIQUES**

Name of the Supervisor : **Dr. V.Ulagamuthalvi**

B. Sheela Rani
16/3/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 16th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SIVARAMAN V**, bearing **Register No. 2013794202**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **SOME STUDIES ON TURNING OF HARDENED STEEL**

Name of the Supervisor : **Dr. S. Prakash**

B. Sheela Rani
16/3/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 22nd March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SIVA R**, bearing **Register No. 2016794106**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **14th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EVALUATION OF MECHANICAL PROPERTIES OF CHEMICALLY TREATED CISSUS QUADRANGULARIS FIBER REINFORCED BIOCOPPOSITES**

Name of the Supervisor : **Dr. T.N.Valarmathi**

B. Sheela
22/3/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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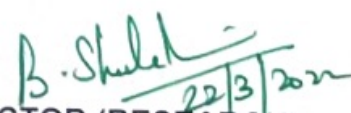
Date: 22nd March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. PRABHU L**, bearing **Register No. 2010194206**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Mechanical Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATIONS ON THE JOINING OF DISSIMILAR METAL-POLYMER COMPOSITE USING ECCENTRIC FRICTION STIR WELDING PROCESS**

Name of the Supervisor : **Dr. S. Satish Kumar**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 30th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. IMMANUEL RAJKUMAR R.**, bearing **Register No. 2012792301**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **21st March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MOBILE AGENT BASED E-CONTROL OF COLLISION AVOIDANCE IN RAILWAY SECTOR**

Name of the Supervisor : **Dr.G.Sundari**

B. Sheela Rani
20/3/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 30th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. KAVITHA RAJAYOGAN**, bearing **Register No. 2015198101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Management**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ACCEPTANCE AND ADOPTION OF TECHNOLOGY IN E SHOPPING WITHIN TAMILNADU**

Name of the Supervisor : **Dr. S. MUTHUMANI**

B. Sheela Rani
30/3/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MEGALAN LEO. L**, bearing **Register No. 2014192401**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DIGITAL IMAGE ANALYSIS OF DENTAL RADIOGRAPHY FOR CAVITY DETECTION**

Name of the Supervisor : **Dr. T. Kalpalatha Reddy**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 30th March 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. KALIRAJA.T**, bearing **Register No. 2012792105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **25th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATIONS ON OPTIMIZED DYNAMIC SOLAR POWER GENERATION USING TAMIL CALENDAR FOR MICROGRID APPLICATIONS**

Name of the Supervisor : **Dr. J.Martin Leo Manickam**


20/3/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 11th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. BINSON V A**, bearing **Register No. 2017792201**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **28th March 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **Faculty of Electronics Engineering**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DETECTION OF PULMONARY DISEASES USING VOC ANALYSIS OF EXHALED**

BREATH

Name of the Supervisor : **Dr. M. Subramoniam**

B. Sheela Rani
11/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 11th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. YOVAN FELIX. A**, bearing **Register No. 2014191112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **29th MARCH 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **GIS BASED FLOOD RISK ASSESSMENT USING MACHINE LEARNING ALGORITHMS**

Name of the Supervisor : **Dr. T. Sasipraba**

B. Sheela Rani
11/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 11th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. P PARAMESWARI**, bearing **Register No. 2013799604**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **30th MARCH 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF SCIENCE (LIFE SCIENCES)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IN VITRO ANTI-INFLAMMATORY AND ANTICANCER ACTIVITY OF QUERCETIN FROM Artemisia nilagirica (CLARKE) PAMP.**

Name of the Supervisor : **Dr. DEVIKA.R**

B. Sheela Rani
11/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Date: 11th April 2022

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This is to certify that **Mr.ARUL KUMAR D**, bearing **Register No. 2015792113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **31st MARCH 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **DETECTION AND ANALYSIS OF DIABETES MELLITUS BY NON-INVASIVE METHODS**

Name of the Supervisor : **Dr. T. JAYANTHY**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 11th April 2022

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This is to certify that **Mr. C. MANOJ KUMAAR**, bearing **Register No. 2015196101**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF CIVIL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATION ON SELF-HEALING CONCRETE – MECHANICAL, THERMAL AND MICRO-STRUCTURAL STUDIES**

Name of the Supervisor : **Dr. M. MAGESWARI**

B. Sheela Rani
11/4/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 11th April 2022

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This is to certify that **Mr. ASWINSESHADRI. K**, bearing **Register No. 2013192114**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **STUDY OF BRAIN COMPUTER INTERFACE USING SOFT COMPUTING TECHNIQUES**

Name of the Supervisor : **Dr.V.THULASI BAI**

B. Sheela Rani
11/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr. V. MURUGESAN**, bearing Register No. 2012796103, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **5th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF CIVIL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ENHANCED DEGRADATION OF ORGANIC WASTE FOR COMPOST SYNTHESIS WITH EFFECTIVE PRECULTURED MICROBIAL CONSORTIUM: A CLEANER STRATEGY OF RECYCLING AND RECOVERY**

Name of the Supervisor : **Dr. D. JOSHUA AMARNATH**

B. Sheela Rani
11/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr.S.EBIN HARRISON.K**, bearing **Register No. 2013196201**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **6th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ARCHITECTURE**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPACT OF URBAN FORM ON OUTDOOR THERMAL COMFORT IN THE TROPICAL CITY OF CHENNAI**

Name of the Supervisor : **Dr. LILLY ROSE A**

B. Sheela Rani
11/4/2022
DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 26th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.KAVITHA.K.J**, bearing **Register No. 2013791103**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **8th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ROBUST WATERMARKING TECHNIQUES FOR ENSURING CONFIDENTIALITY AND INTEGRITY OF ELECTRONIC HEALTH RECORDS**

Name of the Supervisor : **Dr. PRIESTLY B SHAN**

B. Shuleki
26/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr.G. NARENDRAKUMAR**, bearing **Register No. 2014195102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF BIO ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **CHARACTERIZATION OF CHITINASES FROM Serratia spp. AND STUDY ON ITS BIOCONTROL POTENTIAL AND NANO-ENCAPSULATION PROPERTIES**

Name of the Supervisor : **Dr.S.Karthick Raja Namasivayam**

B. Sheela Rani
26/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms. KHONDE SHRADDHA RAHUL**, bearing **Register No. 2016791113**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **12th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **SECURE DISTRIBUTED INTRUSION DETECTION SYSTEM USING BLOCKCHAIN FRAMEWORK**

Name of the Supervisor : **Dr. V. ULAGAMUTHALVI**

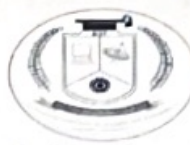
B. Sheela
26/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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CENTRE FOR RESEARCH

Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 26th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MATHAN.N**, bearing **Register No. 2015192114**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **18th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.
Title : **OPTIMIZATION OF GNR FET CHARACTERISTICS FOR HIGH SPEED AND LOW POWER DIGITAL CIRCUITS**

Name of the Supervisor : **Dr. S. JAYASHRI**

B. Sheela
26/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 26th April 2022

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This is to certify that **Mr. BARNABAS PAUL GLADY J**, bearing **Register No. 2011793106**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **19th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **MODIFIED SWITCHED CAPACITOR LUO CONVERTER FOR HIGH POWER**

APPLICATIONS

Name of the Supervisor : **Dr.K.MANJUNATH**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 26th April 2022

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This is to certify that **Mr. V.SAIKRISHNAN**, bearing **Register No. 2012194104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **20th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL, ENERGY AND EXERGY ANALYSES OF THERMAL ENERGY STORAGE SYSTEM WITH VARIOUS PHASE CHANGE MATERIALS IN CYLINDRICAL ENCAPSULATIONS**

Name of the Supervisor : **Dr. A. KARTHIKEYAN**

B. Sheela
26/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 26th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.S SATISH KUMAR**, bearing **Register No. 2013193105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **21st April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **WPSNN TECHNIQUE IN RENEWABLE ENERGY-BASED ASYMMETRICAL HYBRID MULTILEVEL INVERTER**

Name of the Supervisor : **Dr.M. SASIKUMAR**

B. Sheela
26/4/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 5th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SAVITHA. G**, bearing **Register No. 2011192119**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **22nd April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **AN EFFICIENT RECONFIGURABLE ARCHITECTURE FOR SOFTWARE DEFINED RADIO**

Name of the Supervisor : **Dr. S. KARTHIKEYAN**

B. Sheela Rani
5/5/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 5th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.ARUL MAXIMUS R**, bearing **Register No. 2012795301**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **25th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF BIO ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **FUNCTIONALISATION OF IRON OXIDE NANOPARTICLES AND IT'S BIOMEDICAL APPLICATIONS**

Name of the Supervisor : **Dr.S.KARTHICK RAJA NAMASIVAYAM**


DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Date: 5th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. SENTHIL MURUGAN M**, bearing **Register No. 2012792112**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **27th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.
Title : **IMPLEMENTATION OF MODIFIED HYBRID MODEL ENCRYPTION ALGORITHM USING VLSI**

Name of the Supervisor : **Dr.T.SASILATHA**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 5th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.DEVARAJ. R**, bearing **Register No. 2015194104**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **28th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL STUDIES ON A CASCADED PARABOLIC TROUGH SOLAR COLLECTOR**

Name of the Supervisor : **Dr. S. RAMACHANDRAN**

B. Sheela Rani
5/5/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 5th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.BALAJI S R**, bearing **Register No. 2016192115**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **29th April 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ENHANCED ACCURACY OF DETECTING AND TRACKING VOLLEYBALL PLAYERS USING METAHEURISTIC ALGORITHMS**

Name of the Supervisor : **Dr. S. KARTHIKEYAN**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 18th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MANOJ KUMAR CHAUDHARY**, bearing Register No. 2016794105, Ph.D.

Research Scholar has successfully completed the Viva Voce Examination held on **2nd MAY 2022**.

The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **INVESTIGATION OF AERODYNAMIC PARAMETERS ON SMALL HORIZONTAL AXIS**

WIND TURBINE BLADE AT LOW WIND SPEEDS

Name of the Supervisor : **Dr. S. PRAKASH**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 18th May 2022

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This is to certify that **Ms.REENA GABRIEL**, bearing Register No. 2013798106, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **4th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MANAGEMENT**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **ROLE OF CELEBRITY ENDORSEMENTS ON BRAND IMAGE, BUYER BEHAVIOUR AND PURCHASE DECISION TOWARDS ICE CREAMS: A STUDY WITH SPECIAL REFERENCE TO CHENNAI CITY**

Name of the Supervisor : **Dr. G. BHUVANESWARI**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Mr. KHEDKAR SHILPA PRAFULL**, bearing **Register No. 2016191109**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **5th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **CONGESTION CONTROL IN NETWORK USING MACHINE AND DEEP LEARNING**

Name of the Supervisor : **Dr.R. AROUL CANESSANE**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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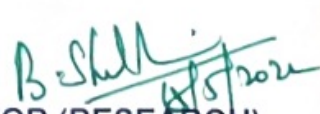
Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 18th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.DILLIP KUMAR SAHOO**, bearing **Register No. 2014194207**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **5th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119. Title : **PERFORMANCE ANALYSIS AND OPTIMIZATION OF DEPOSITION OF ALUMINIUM ON CARBON STEEL BY FRICTION SURFACING**

Name of the Supervisor : **Dr. BHULOK SUNDAR MOHANTY**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 18th May 2022

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This is to certify that **Ms. KARUNYA RATHAN**, bearing **Register No. 2015791205**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **9th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **LOAD BALANCING FOR OPTIMAL ROUTING IN MULTIRADIO HYBRID WIRELESS MESH NETWORKS**

Name of the Supervisor : **Dr. S. EMALDA ROSLIN**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 18th May 2022

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This is to certify that **Mr. A.VEERAMUTHU**, bearing **Register No. 2010791228**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **11th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **PERFORMANCE ENHANCEMENT OF SEGMENTATION, CLASSIFICATION AND RETRIEVAL TECHNIQUES FOR BRAIN TUMOR IMAGES**

Name of the Supervisor : **Dr.S.MEENAKSHI**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 27th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.TAMILSELVI.M**, bearing **Register No. 2015792122**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **16th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119. Title : **EVALUATION AND ANALYSIS OF EFFECTUAL FACE RECOGNITION METHODS USING HYBRID CNN ALGORITHMS FOR UNCONSTRAINED FACIAL IMAGES**

Name of the Supervisor : **Dr.S.KARTHIKEYAN**

B. Sheela
28/5/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 27th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. T. RAVI**, bearing **Register No. 2014797102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **17th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF CHEMICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **SELECTIVE REMOVAL OF Cr⁶⁺ FROM WATER BY BIOLOGICAL WASTE MATERIALS DERIVED MAGNETIC NANOADSORBENTS**

Name of the Supervisor : **Dr. S. SATHISH**

B. Sheela
27/5/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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Date: 27th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. MOHAMMAD SUHAIL MEER**, bearing **Register No. 2018799601**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **18th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF SCIENCE (GEOINFORMATICS)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXAMINING LAND USE LAND COVER CHANGES OVER NORTH KASHMIR AND THEIR LINKAGE WITH ENVIRONMENT AND SOCIETY**

Name of the Supervisor : **Dr. ANOOP KUMAR MISHRA**


27/5/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 27th May 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.KRISHNA PRASANNA R**, bearing Register No. 2015192111, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **19th MAY 2022**.

The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A NOVEL APPROACH FOR THE CLASSIFICATION OF EEG SIGNAL USING NON STATIONARY SIGNAL PROCESSING TECHNIQUES**

Name of the Supervisor : **Dr.V.VIJAYA BASKAR**

B. Sheela
27/5/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 27th May 2022

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This is to certify that **Ms. GOKILAVANI N**, bearing **Register No. 2015791105**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **20th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **IMPROVED EFFECTIVE METHODOLOGY FOR TESTCASE PRIORITIZATION IN REGRESSION TESTING USING DISTANCED BASED TRANSPORTATION**

Name of the Supervisor : **Dr.B.BHARATHI**


27/5/2022
DIRECTOR (RESEARCH)
Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)
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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 6th June 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.PARIVENDHAN INBAKUMAR J**, bearing **Register No. 2012794114**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **23rd MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATION OF BIOBASED HYBRID COMPOSITE MATERIALS**

Name of the Supervisor : **Dr. S. RAMESH**


DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Ref: No. Sathyabama/ Ph.D/AR/2021 - 2022

Date: 6th June 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.ANTO PRAVEENA .M.D**, bearing **Register No. 2016191111**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **24th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **A BIG DATA WRANGLING FRAMEWORK FOR HEALTH CARE DATA USING MACHINE INTELLIGENCE**

Name of the Supervisor : **Dr. B. BHARATHI**


6/6/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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(DEEMED TO BE UNIVERSITY)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119.



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Date: 6th June 2022

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This is to certify that **Mr.TIBIN MATHEW THEKKIL**, bearing **Register No. 2016192110**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **25th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF ELECTRONICS ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119. Title : **DEVELOPMENT OF AN EFFICIENT REMOTE MONITORING SYSTEM USING IMPROVED OPTIMIZATION TECHNIQUE FOR WSN**

Name of the Supervisor : **Dr.N.PRABAKARAN**

B. Sheela Rani
6/6/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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Date: 6th June 2022

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This is to certify that **Mr.SENTHILKUMAR J**, bearing **Register No. 2014794115**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **26th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL EXAMINATION ON THE INFLUENCE OF NANOPARTICLES AND EXHAUST GAS AFTER TREATMENT ON DIESEL ENGINE FUELED WITH BIODIESEL BLENDS**

Name of the Supervisor : **Dr. B.R. RAMESH BAPU**

B. Sheela Rani
6/6/2022
DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
DIRECTOR (RESEARCH)

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This is to certify that **Ms.PRIYANKA S**, bearing **Register No. 2015199607**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **27th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF SCIENCE (LIFE SCIENCES)**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **OPTIMIZATION OF CULTURE CONDITIONS AND EXTRACTION PROTOCOLS FOR THE ENHANCED PRODUCTION OF ZEAXANTHIN FROM MARINE CYANOPHYCEAN AND CHLOROPHYCEAN MICROALGAE**

Name of the Supervisor : **Dr.R.KIRUBAGARAN**

B. Sheela Rani
6/6/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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This is to certify that **Mr.SRIRAM V**, bearing **Register No. 2014794102**, Ph.D. Research Scholar has successfully completed the Viva Voce Examination held on **30th MAY 2022**. The Oral Examination Board has recommended for the award of Ph.D degree in the **FACULTY OF MECHANICAL ENGINEERING**, Sathyabama Institute of Science and Technology, Chennai – 119.

Title : **EXPERIMENTAL INVESTIGATION ON THERMAL STABILITY OF RECEIVER TUBE OF HIGH TEMPERATURE SOLAR CONCENTRATOR**

Name of the Supervisor : **Dr.B.KANIMOZHI**

B. Sheela Rani
6/6/2022

DIRECTOR (RESEARCH)

Dr. B. SHEELA RANI, M.S. (By Research), Ph.D.,
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