

SYED AMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited with 'A+' Grade by NAAC

NBA Accredited UG Courses : CSE & MECH | Anna University Approved Research Centres : ECE, EEE, CSE & MECH

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List of Ph.D's awarded in Syed Ammal Engineering College

SL No	Name of the Research Scholar	Name of the Department	Name of the Guide	Title of the Thesis	Year of Award of Ph.D.
1	A. RAJENDRAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON MRI BRAIN TUMOR SEGMENTATION USING COMBINED APPROACHES	2013
2	J. KARTHIKEYAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	INVESTIGATION ON CURRENT CONTROL OF VSI & CSI FED PERMANENT MAGNET BRUSHLESS MOTOR	2013
3	E. NANDAKUMAR	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON FACTS DEVICES INCORPORATION TO THE SOLUTION OF OPF PROBLEM WITH ADVANCED PSO ALGORITHM	2014
4	A. JAYACHANDRAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	TEXTURE FEATURES CLASSIFICATION FOR DIAGNOSIS OF BRAIN TUMOR IN MRI IMAGES USING PATTERN RECOGNITION METHODS	2014
5	G. NALLAVAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	NOVEL CONTROL STRATEGY FOR INDUCTION GENERATOR BASED PITCH CONTROLLED WIND TURBINE SYSTEM	2014
6	V. BHANUMATHI	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN SCHEMES FOR ENERGY EFFICIENT COMMUNICATION IN MOBILE AD-HOC NETWORKS	2014
7	J. BENSAM RAJ	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	CONTEMPLATION OF THE EFFECTS OF SINTERING TEMPERATURE/ TIME ON PORE CLOSURE AND WORKABILITY IN SINTERED AL-SIC POWDER METALLURGY COMPOSITE DURING COLD UPSETTING	2014
8	K. POUNRAJ	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	DYNAMIC PERFORMANCE INVESTIGATION OF D-Q MODEL BASED UPFC WITH VARIOUS CONTROLLING TECHNIQUES	2015
9	M. PERIYASAMY	Electronics and Communication Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON ELECTRO MAGNETIC INTERFERENCE IMMUNITY OF MEDICAL AND RADIO FREQUENCY DEVICES	2015
10	G. MAHENDRAN	Electronics and Communication Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON DIABETIC RETINOPATHY IN NONDILATED RETINAL IMAGES USING MACHINE LEARNING ALGORITHMS	2015
11	B. SARGUNAM	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON FINITE FIELD MULTIPLIERS AND THEIR ERROR DETECTION METHODS	2015
12	A. PANDIAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATION ON DIRECT TORQUE CONTROL OF THREE PHASE INDUCTION MOTOR USING OPTIMIZED CONTROLLER	2015
13	B. SELVAM	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	INVESTIGATION OF DRY SLIDING WEAR AND HOT DEFORMATION BEHAVIOR ON EXTRUDED ZINC OXIDE NANO-PARTICULATE REINFORCED MAGNESIUM COMPOSITE	2015
14	V. GOMATHY	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	CERTAIN INVESTIGATIONS ON FAULT DETECTION OF TRANSFORMER AND THREE PHASE INVERTER BY USING OPTIMIZATION TECHNIQUES	2016
15	M. DHAMODARAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON EFFICIENT CAPACITANCE COMPUTATION BY COMPUTATIONAL ELECTROMAGNETICS	2016
16	S. MUTHULAKSHMI	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON TORQUE RIPPLE MINIMIZATION OF SWITCHED RELUCTANCE MOTOR USING FRONT END CAPACITIVE CONVERTERS	2016
17	S. AISWARIYA	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON PERFORMANCE IMPROVEMENT OF FRONT END POWER FACTOR CORRECTION CONVERTER IN ELECTRIC VEHICLE APPLICATIONS	2016

18	S. SENTHIL VELAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	DEVELOPMENT AND EVALUATION OF QUALITY MODEL FOR ASPECT ORIENTED SOFTWARE SYSTEMS	2016
19	R. NAGARAJAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON FEASIBILITY AND PERFORMANCE ANALYSIS OF WIRELESS INDUSTRTAL AUTOMATION	2016
20	P. VIGNESHWARAN	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON INTERMEDIATE NODE SELECTION USING STABLE AND SECURED ROUTING IN MOBILE AD-HOC NETWORK	2016
21	M. GANESAN	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	EVALUATION OF PROPERTIES FOR FRICTION WELDING OF SIMILAR MATERIALS	2016
22	ROBERT SAHAYA DOSS	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	MODELLING AND PARAMETRIC OPTIMIZATION OF EDM PROCESS FOR MACHINING SUPER ALLOYS	2016
23	A.G. VADIVELAN	English	Dr. R. Kannan Professor/English	A STUDY OF TRADITION AND MODERNITY IN THE SELECT WORKS OF ANITA DESAI	2017
24	S.P. RAJARAM	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	APPLICATION OF EVOLUTIONARY ALGORITHMS FOR STEADY STATE VOLTAGE STABILITY PROBLEMS	2017
25	K. RADHALAKSHMI	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON PERFORMANCE ANALYSIS OF HIGH STEP UP CONVERTER FOR RENEWABLE ENERGY SYSTEMS	2017
26	P. RAVEENDRAN	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	DRY TURNING PARAMETERS OPTIMIZATION OF GLASS FIBERS REINFORECED PLASTIC WITH COATED TOOL	2017
27	R. BASKARAN	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	EXPERIMENTAL STUDY AND OPTIMAL SETTING OF MACHINING PARAMETERS FOR INCONEL MATERIALS	2017
28	T.T. M. KANNAN	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	DEVELOPMENT OF PORTABLE TABLE TOP MICROFACTORY FOR SUSTAINABLE MANUFACTURING SYSTEM	2017
29	B.RAMASUBRAMANIAN	Electronics and Communication Engineering	Dr.Selvaperumal Professor/EEE	AN EFFICIENT APPROACH FOR THE DETECTION OF DIABETIC RETINOPATHY	2018
30	G. PRABHAKAR	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	MODELLING,CONTROL AND CYBER THREAT MITIGATION FOR NONLINEAR PHYSICAL SYSTEMS IN REAL TIME OPERATING SYSTEM ENVIRONMENT	2018
31	N. BALAMURUGAN	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	CERTAIN INVESTIGATIONS ON DYNAMIC PERFORMANCE ANALYSIS OF THREE PHASE INDUCTINO MOTOR DRIVE USING ANTIWINDUP AND FUZZY GAIN SCHEDULING WITH VARIUOS CONTROLLERS	2018
32	A. PARTHASARATHY	Electrical and Electronics Engineering	Dr. R. Dhanasekaran Professor/EEE	CERTAIN INVESTIGATIONS ON ECONOMIC DISPATCH WITH OPTIMAL POWER FLOW USING OPTIMIZATION TECHNIQUES	2018

33	K. SENTHIL KUMAR	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	EXPERIMENTAL STUDY FOR MACHINING PARAMETERS OPTIMIZATION FOR TURNING INCONEL X-750	2018
34	V. SIVABHARATHI	Mechanical Engineering	Dr.P.Marimuthu Professor/Mechanical	EXPERIMENTAL STUDY ON ELECTROCHEMICAL AND ELECTRICAL DISCHARGE MACHINING CHARACTERISTICS OF ALUMINIUM-VANADIUM-CARBIDE COMPOSITES	2018
35	M. S. SIVAGAMA SUNDARI	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	CASCADED H BRIDGE MULTILEVEL INVERTER CONTROL FOR GRID CONNECTED DC POWER SOURCE	2019
36	D. KANNAN	Mechanical Engineering	Dr. S. Karthikeyan Professor/Mechanical	EFFECTS OF BIOFUEL WITH OXIDE NANO ADDITIVES ON PERFORMANCE AND EMISSIONS OF CI ENGINE	2019
37	A.SHYAMALA	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	CERTAIN INVESTIGATIONS ON MOVING VEHICLE DETECTION AND CLASSIFICATION USING SOFT COMPUTING TECHNIQUES	2020
38	D.SOMASUNDARAM	Mechanical Engineering	Dr. S. Karthikeyan Professor /Mechanical	CARBON CREDITS OF FISHING BOAT DIESEL ENGINES RUNNING ON HIGHER ETHANOL CONCENTRATION	2021
39	S. LAKSHMI KANTHAN BHARATHI	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	IMPROVING POWER QUALITY USING UNIFIED POWER QUALITY CONDITIONER BASED ON MULTILEVEL TOPOLOGY	2021
40	P. VEERA MANIKANDAN	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	CERTAIN INVESTIGATIONS ON PERFORMANCE IMPROVEMENT OF STANDALONE RENEWABLE ENERGY SYSTEMS	2021
41	SUMATHI S	Computer Science Engineering	Dr.Karthikeyan N Professer/CSE	MACHINE LEARNING ALGORITHMS FOR DETECTING DDoS ATTACK IN CLOUD COMPUTING	2021
42	KRISHNAMOORTHY N	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE	CERTAIN INVESTIGATIONS ON SOFT STARTING OF THREE PHASE INDUCTION MOTOR	2022
43	K. KALAIMURUGAN	Mechanical Engineering	Dr. S. Karthikeyan Professor /Mechanical	NOVEL MICROEMULSION FUEL METAL ADDITIVES CATALYSTS WITH ALGAE BIOFUEL ON DIESEL ENGINE TESTING	2022
44	A. VALANARASI	Electronics and Communication Engineering	Dr. M. Periyasamy Professor/ECE	CERTAIN INVESTIGAIONS ON THE DEVELOPMENT OF IMPLANTABLE ANTENNAS FOR MEDICAL APPLICATIONS	2022
45	D.VIDHYA PRAKASH	Mechanical Engineering	Dr. S. Karthikeyan Professor /Mechanical	EXPERIMENTAL INVESTIGATIONS ON THE POSITIONING OF TWO WHEELED MOBILE ROBOT TO CONTROL WHEEL SLIP	2022
46	MOHAMED SITHIK M	Computer Science Engineering	Dr.B.Muthu Kumar Professor/School Of Computing And Information Technology Dr.Karthikeyan N Professor/CSE	REAL TIME AWARE ADAPTIVE CONGESTION CONTROL IN ROUTING PROTOCOL FOR LOW POWER AND LOSSY NETWORKS IN IoT	2023

47	RAMAMOORTHY S	Computer Science Engineering	Dr.B.Muthu Kumar Professor/School Of Computing And Information Technology Dr.Karthikeyan N Professor/CSE	ENHANCING SECURITY AND SELF-ORGANIZATION IN IoT NETWORKS USING CLIENT AND TMR-MDS METHODOLOGIES	2023
48	NEDUMAL PUGAZHENTHI P	Electrical and Electronics Engineering	Dr.Selvaperumal Professor/EEE Dr.R Nagarajan Professor/ECE	DEVELOPMENT OF ADVANCED CONTROL SCHEME FOR NONLINEAR PROCESS USING SOFT COMPUTING TECHNIQUES	2023
49	KARTHIYAYINI S	Computer Science Engineering	Dr.Karthikeyan N Professor/CSE	IMPLEMENTATION OF WATERMARKING BY INTEGRATING BIOMETRICS AND CRYPTOGRAPHY FOR TELERADIOLOGY	2023