

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

List of Ph.Ds Awarded (as on 31.08.2022)

S.NO	DEPT	YEAR OF ADMISSION	NAME OF THE CANDIDATE	FULL-TIME OR PART-TIME	NAME OF THE SUPERVISOR	TITLE OF THE THESIS	AWARDED ON
1.	CSE	2014	Ms SHOBANA G	PT	Dr SHANKAR S	DEEP LEARNING MODELS FOR PATIENT SIMILARITY ANALYSIS IN PERSONALIZED MEDICINE	26.07.2022
2.	EEE	2017	Mr SATHEESHKUMAR D	PT	Dr SARAVANA SUNDARAM S	CERTAIN INVESTIGATIONS ON ENERGY EFFICIENT DATA CONVENING AND ASSOCIATIVE ZONE BASED ROUTING IN SENSOR NETWORKS	20.07.2022
3.	ECE	2016	Ms NISI K	PT	Dr JAYA J	STUDIES ON VARIOUS APPLICATIONS USING MULTI-OBJECTIVE OPTIMIZATION APPROACHES FOR TUNING PID CONTROLLERS	11.07.2022
4.	MECH	2018	Mr KARTHEHEYAN I M	PT	Dr MOHANRAJ M	STUDIES ON DIRECT EXPANSION SOLAR THERMAL HEAT PUMP SYSTEMS USING R430A AS A SUBSTITUTE TO R134a	05.07.2022
5.	MBA	2013	Ms KANIMOZHI V	PT	Dr SAMUVEL K	FAULT DETECTION IN ELECTRICAL POWER SYSTEM BASED ON WAVELET	19.03.2022
6.	MECH	2016	Mr BABU B	PT	Dr SABARINATHAN C	PRODUCTION AND MACHINABILITY STUDIES OF HYBRID METAL MATRIX COMPOSITES USING MICRO-ECM	28.02.2022



7.	CSE	2014	Mr VEERASAMY B	PT	Dr ANNADURAI S	DESIGN AND IMPLEMENTATION OF OPTIMIZATION BASED VIDEO COMPRESSION TECHNIQUES FOR MULTIMEDIA APPLICATIONS	07.02.2022
8.	EEE	2015	Ms LAKSHMIPRIYA N	PT	Dr ANANTHA MOORTHY N P	CERTAIN INVESTIGATIONS ON PERFORMANCE ANALYSIS OF PERMANENT MAGNET SYNCHRONOUS MOTOR USING HYBRID SOFT COMPUTING PI CONTROLLERS WITH MULTILEVEL INVERTER	11.01.2022
9.	CSE	2018	Mr DINESH VALLURU	FT	Dr JASMINE SELVAKYMARI JEYA I	COMPUTER AIDED DIAGNOSIS SYSTEM FOR LUNG CANCER DETECTION USING IOT	10.01.2022
10.	CSE	2016	Ms KARTHIKEYINI S	FT	Dr SHANKAR S	IEEE 802.11P MAC WITH INTERFERENCE REDUCED ROUTING FOR VANET	07.12.2021
11.	CSE	2017	Ms REVATHI M	PT	Dr JASMINE SELVAKYMARI JEYA I	HYBRID NEURAL NETWORK ARCHITECTURAL MODELS FOR LUNG CANCER CLASSIFICATION	12.11.2021
12.	EEE	2013	Ms MANJULA T	PT	Dr ANAND B	CERTAIN INVESTIGATION ON KEY EXCHANGE BASED SECURED ROUTING SCHEMES IN MOBILE ADHOC NETWORK	30.09.2021
13.	EEE	2013	Mr IYAPPAN C	PT	Dr KARPAGAM M	GRADIENT ASCENT OPTIMIZATION FOR FAULT DETECTION IN ELECTRICAL POWER SYSTEM BASED ON WAVELET TRANSFORMATION	21.09.2021



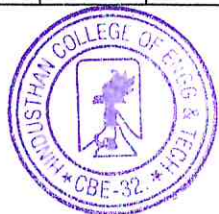
14.	MECH	2016	Mr MANIKANDAN N	PT	Dr SABARINATHAN C	INVESTIGATION ON MECHANICAL, THERMAL AND TRIBOLOGICAL BEHAVIOR OF CRYOGENIC TREATED MULTIWALL CARBON NANOTUBES-ALUMINA REINFORCED EPOXY HYBRID NANO COMPOSITES	12.08.2021
15.	MECH	2017	Mr DHIVAGAR R	PT	Dr MOHANRAJ M	INVESTIGATIONS ON PERFORMANCE ENHANCEMENT OF SOLAR STILLS	28.04.2021
16.	EEE	2013	Ms LAVANYA R	PT	Dr KARPAGAM M	ENHANCING THE SECURITY OF ADVANCED ENCRYPTION STANDARD THROUGH CIRCUIT AND ALGORITHM LEVEL COUNTERMEASURES	08.04.2021
17.	EEE	2012	Mr SURESH BABU A	PT	Dr ANAND B	CERTAIN INVESTIGATIONS ON RECONFIGURABLE POWER AWARE LFSR ARCHITECTURE	22.01.2021
18.	CSE	2014	Ms SHANTHI S	PT	Dr RAJKUMAR N	OPTIMIZED FEATURE SELECTION FOR ENHANCING LUNG CANCER PREDICTION USING MACHINE LEARNING TECHNIQUES	22.12.2020
19.	CSE	2013	Ms ELAKIYA E	PT	Dr RAJKUMAR N	TOPIC AND SUBTOPIC DETECTION USING TEXT MINING	27.11.2020
20.	EEE	2015	Mr ARUNKUMAR G S	PT	Dr ANANTHA MOORTHY N P	MULTILEVEL INVERTER WITH REDUCED NUMBER OF ACTIVE SWITCHING DEVICES FOR SOLAR PHOTOVOLTAIC APPLICATIONS	11.11.2020



21.	EEE	2012	Ms POONGUZHALI P K	PT	Dr ANANTHA MOORTHY N P	CERTAIN INVESTIGATION ON HARMONY SEARCH ALGORITHM PARAMETERS FOR ENERGY EFFICIENCY CLUSTERING IN WIRELESS SENSOR NETWORK	29.10.2020
22.	MBA	2012	Mr MARTIN SILUVAI MANI S	PT	Dr SAMUVEL K	A STUDY ON FACTORS INFLUENCING CONSUMER BUYING BEHAVIOUR IN AUTOMOBILE INDUSTRY WITH REFERENCE TO COMMERCIAL VEHICLES	22.10.2020
23.	EEE	2012	Ms TERESA V V	PT	Dr ANAND B	IMPLEMENTATION OF EFFICIENT CARRY SELECT ADDER AND FLOATING POINT MULTIPLIER IN VLSI DESIGN	21.10.2020
24.	MBA	2012	Ms SREEJAMOL K S	PT	Dr KAMALASARAVANAN S	A STUDY ON POLICY HOLDER'S PERCEPTION AND SATISFACTION LEVEL TOWARDS WEATHER BASED CROP INSURANCE SCHEME IN PALAKKAD DISTRICT	19.10.2020
25.	CSE	2014	Ms SMITHA J A	PT	Dr RAJKUMAR N	AN EFFICIENT MOVING VEHICLE DETECTION IN TRAFFIC SURVEILLANCE USING MACHINE LEARNING TECHNIQUES	17.09.2020
26.	ECE	2012	Ms RAMYA J	PT	Dr VIJAYALAKSHMI P	CERTAIN INVESTIGATIONS ON SEISMIC IMAGE DENOISING AND HYDROCARBON RESERVOIR INTERPRETATION	15.09.2020
27.	EEE	2016	Mr KISHORE B	PT	Dr ANANTHA MOORTHY N P	CERTAIN INVESTIGATIONS ON DETECTION OF GLAUCOMA USING IMAGE PROCESSING AND MACHINE LEARNING APPROACHES	09.09.2020



28.	CSE	2009	Mr ARUL XAVIER V M	PT	Dr ANNADURAI S	A CRITICAL ANALYSIS ON TASK SCHEDULING WITHLOAD BALANCE AWARENESS IN CLOUD COMPUTING ENVIRONMENT	10.08.2020
29.	MECH	2015	Mr ANDREW PON ABRAHAM J D	PT	Dr MOHANRAJ M	INVESTIGATIONS ON PERFORMANCE IMPROVEMENTS IN AUTOMOBILE AIR CONDITIONERS	03.08.2020
30.	CSE	2015	Ms HEMALATHA B	PT	Dr RAJKUMAR N	CERTAIN INVESTIGATIONS ON AGE ASSESSMENT AND IMAGE CLASSIFICATION FOR DENTAL AGE	24.06.2020
31.	CSE	2012	Ms JASMINE J	PT	Dr ANNADURAI S	IMPROVEMENT OF VIDEO ENHANCEMENT USING SOFT COMPUTING APPROACHES	24.06.2020
32.	EEE	2014	Mr JOSEPH BALAN	PT	Dr KARPAGAM M	CERTAIN INVESTIGATIONS ON DISCRIMINATION OF INRUSH CURRENT AND FAULT CURRENT IN POWER TRANSFORMERS USING ANN	18.03.2020
33.	CSE	2012	Mr SATHEESH KUMAR J	PT	Dr JASMINE SELVAKYMARI JEYA I	DESIGN AND IMPLEMENTATION OF RESOURCE EFFICIENT BITSTREAM COMPRESSION TECHNIQUES FOR XILINX FPGA FAMILY BASED HIGH SPEED EMBEDDED SYSTEMS	13.03.2020
34.	CSE	2014	Mr MAHENDRAN N	PT	Dr SHANKAR S	ENERGY EFFICIENT PACKET SCHEDULING ALGORITHMS FOR WIRELESS SENSOR NETWORKS	09.03.2020
35.	CSE	2010	Ms ANGEL IDA CHELLAM	PT	Dr RAJKUMAR N	AN EXTENSIVE STUDY ON VIDEO BASED TRAFFIC SURIELLANCE SYSTEM IN TERMS OF VEHICLE DETECTION	26.11.2019



36.	CSE	2015	Ms SYED ALI FATHIMA S J	PT	Dr SHANKAR S	A GLOBAL SOLUTION FOR REMOTE ASSISTANCE USING AUGMENTED REALITY BASED POST STROKE UPPER LIMB REHABILITATION FRAMEWORK	19.11.2019
37.	CSE	2014	Ms SARANYA V	PT	Dr SHANKAR S	ENERGY EFFICIENT RESOURCE MANAGEMENT TECHNIQUES IN WIRELESS SENSOR NETWORK	29.10.2019
38.	S&H	2014	Ms JAYANTHI L S	PT	Dr UMA K P	ANALYSIS OF TIME TO RECRUITMENT OF A MANPOWER SYSTEM USING STOCHASTIC MODELS	01.10.2019
39.	EEE	2012	Mr ANNARAJA K	PT	Dr SARAVANA SUNDARAM S	CERTAIN INVESTIGATIONS ON IMPROVEMENTS OF WIRELESS SENSOR NETWORK AND APPLICATIONS IN HANDLING SIGNALS OF REAL TIME PARAMETERS FOR FARM SERVICES	26.08.2019
40.	S&H	2013	Ms ROJAMARY T	PT	Dr UMA K P	A STUDY ON STOCHASTIC MODELS WITH DIFFERENT SOURCES OF DEPLETIONS OF MANPOWER	07.06.2019
41.	MECH	2010	Mr GOPIKRISHNAN P	PT	Dr SIVA K	STUDIES ON MECHANICAL PROPERTIES AND MICRO STRUCTURAL CHARACTERISTICS OF FRICTION STIR WELDED ALUMINIUM MATRIX HYBRID COMPOSITES	27.12.2018
42.	EEE	2011	Mr PRAKASH D	PT	Dr KARPAGAM M	CERTAIN INVESTIGATIONS ON POWER QUALITY ENHANCEMENT USING GRAVITATIONAL SEARCH ALGORITHM BASED D-STATCOM	21.12.2018



43.	MBA	2008	Ms DEEPA ANANDA PRIYA P	PT	Dr KAMALASARAVANAN S	A STUDY ON JOB STRESS OF WOMEN EMPLOYEES IN IT AND ITes COMPANIES IN TAMILNADU	14.09.2018
44.	S&H	2012	Mr JEYARAJ M	PT	Dr MAGUDESWARAN P N	EFFECTS OF POLLUTED NOYYAL RIVER ON ITS CONNECTED PONDS	22.06.2018
45.	MECH	2005	Mr ELAMURUGAN P	PT	Dr SIVA K	MODELING AND CONTROL OF FLUID CATALYTIC CRACKING UNIT IN A PETROLEUM REFINERY	13.03.2018
46.	EEE	2013	Ms CHITRA L	PT	Dr KARPAGAM M	CERTAIN INVESTIGATIONS DESIGN AND PERFORMANCE ANALYSIS OF TWO INPUT BOOST CONVERTER BASED ON VOLTAGE MULTIPLIER CELL	19.02.2018
47.	MECH	2010	Mr GOPAL C	PT	Dr MOHANRAJ M	INVESTIGATIONS ON SOLAR PHOTOVOLTAIC WATER PUMPING SYSTEMS	02.02.2018
48.	MECH	2013	Mr SARAVANAN V S	PT	Dr MOHANRAJ M	STUDIES ON FEEDING DISTANCE OF DUCTILE IRON	17.08.2017
49.	EEE	2013	Ms PRAGASPATHY S	PT	Dr ANAND B	AN APPROACH TO STABILIZE REAL AND REACTIVE POWER VARIATIONS IN STANDALONE VARIABLE SPEED WIND TURBINE SYSTEM	17.08.2017
50.	EEE	2013	Mr JEGADEESHAN K	PT	Dr ANAND B	BIO-INSPIRED ALGORITHMS FOR AUTOMATIC GENERATION CONTROL OF MULTI-AREA INTERCONNECTED HYDRO-THERMAL POWER SYSTEMS WITH NON-LINEARITY	30.05.2017



51.	S&H	2009	Ms VIJAYAREKHA P	PT	Dr SENGOTTAIYAN N	EVALUATION OF ANTIBACTERIAL AND SYNERGISTIC EFFECT OF BIOACTIVE COMPOUNDS	24.10.2016
52.	EEE	2009	Ms VINCY LLOYD F	PT	Dr ANAND B	CERTAIN HEURISTIC EVOLUTIONARY OPTIMIZATION ALGORITHMS FOR LOCATION AREA OPTIMIZATION AND JAMMING ATTACK DETECTION MECHANISM IN WIRELESS NETWORKS	06.10.2016
53.	EEE	2009	Ms SREE DEVI E	PT	Dr ANAND B	A HYBRID GENETIC-FUZZY SYSTEM FOR COLOUR FILTER ARRAY INTERPOLATION	22.08.2016
54.	CSE	2012	Mr MAHALINGAM S K	PT	Dr SENGOTTAIYAN N	AN EFFECTIVE HINT BASED DATA INTENSIVE AUTO SCALE EXECUTION OF WORKLOADS IN CLOUD	06.05.2016
55.	MECH	2009	Mr GUNASEKARAN N	PT	Dr MOHANRAJ M	INVESTIGATIONS ON DIRECT EXPANSION SOLAR PHOTOVOLTAIC ASSISTED HEAT PUMP WORKING WITH TWO DIFFERENT EVAPORATOR CONFIGURATIONS	06.11.2015
56.	MECH	2009	Mr SELVAKUMAR M	PT	Dr MOHANRAJ M	COMPREHENSIVE INVESTIGATIONS OF TITANIUM-TITANIUM BORIDE COMPOSITES PROCESSED THROUGH POWDER METALLURGICAL TECHNIQUES	03.03.2015
57.	CSE	2010	Ms AKEY SUNGHEETHA	PT	Dr SUGANTHI J	DATA ANALYSIS OF CLUSTERING SCHEMES IN MOBILE AD HOC NETWORKING AND GENE CLASSIFICATION	23.01.2015



58.	EEE	2008	Ms ANJALI VARGHESE C	PT	Dr KARPAGAM M	ANALYSIS AND MITIGATION OF LEAKAGE CURRENT AND DC INJECTION IN TRANSFORMERLESS PV INVERTER TOPOLOGIES	03.01.2015
59.	EEE	2007	Mr KUMAR C	PT	Dr KARPAGAM M	SOFT COMPUTING APPROACH FOR POWER GENERATION PROBLEM IN REGULATED AND DEREGULATED SYSTEM	30.06.2014
60.	CSE	2010	Mr VENKATARAMAN D	PT	Dr SUGANTHI J	ANALYSIS OF GLANDULAR CELLS IN SPUTUM CYTOLOGY IMAGES FOR LUNG CANCER DETECTION	06.03.2014
61.	EEE	2009	Ms ANITHA J	PT	Dr KARPAGAM M	PRIORITY DISPATCHING RULES IN SOLVING JOB SHOP SCHEDULING USING ANT COLONY OPTIMIZATION	03.01.2014
62.	EEE	2008	Ms VIJAYA CHANDRAKALA K R M	PT	Dr ANAND B	LOAD FREQUENCY CONTROL OF MULTI SOURCE MULTI AREA HYDRO THERMAL SYSTEM USING SOFT COMPUTING TECHNIQUES AND FACTS DEVICES	18.11.2013
63.	EEE	2007	Mr LAKSHMINARAYANAN V	PT	Dr ANAND B	STUDY ON THE EFFECT OF TEMPERATURE, VOLTAGE, FREQUENCY AND GAS FLOW IN DIELECTRIC BARRIER DISCHARGE (DBD) FOR IMPROVING THE OZONE CONCENTRATION	15.11.2013
64.	CSE	2007	Ms UMA S	PT	Dr SUGANTHI J	ANALYSIS OF CERTAIN NON LINEAR TIME SERIES SYSTEM USING SOFT COMPUTING TECHNIQUES	12.11.2013




PRINCIPAL