



PSN College of Engineering and Technology (Autonomous)

Melathediyoor, Tirunelveli 627 152

List of Research Scholars Pursuing Ph.D. in the Research Centres of PSNCET

Sl. No.	Name of the Scholar	Regn. No.	Name of the Centre	FT / PT	Name of the Supervisor	Title of the Research Work	Year of Regn.	Status (Course Work / Confirmed / Synopsis Submitted / Thesis Submitted)	Date of Confirmation / Synopsis Submission / Thesis Submission	Remarks, if any
1	Babu P	20117401048	CSE	FT	Dr.C.Christoper Columbus	REAL TIME IMPLEMENTATION OF THERMAL AND VISUAL IMAGES FOR SEGMENTATION OF TARGETS	Jul - 2011	Confirmed	11.07.2014	
2	Soundhara Raja Pandian R	1414389772	CSE	FT	Dr.C.Christoper Columbus	NETWORK OPTIMIZATION FOR IMPLEMENTING CLOUD COMPUTING CONCEPTS IN EDUCATIONAL SYSTEM	Jul - 2014	Confirmed	22.03.2017	
3	Viveka T	1524489261	CSE	PT	Dr.C.Christoper Columbus	RULE BASED METHOD USED FOR IDENTIFYING DIABETES LEVEL BY MEAL CALORIES	Jan - 2015	Confirmed	07.12.2018	
4	Geepthi D	1525489354	CSE	FT	Dr.C.Christoper Columbus	DYNAMIC PATH IDENTIFIER BASED SECURED ROUTING AND EFFICIENT TRAFFIC DESIGN IN PEER TO PEER NETWORK	Jan - 2015	Synopsis Submitted	27.10.2021	
5	Antony Joans Kumar	1614489170	CSE	PT	Dr.C.Christoper Columbus	ENHANCING DATA SECURITY IN CLOUD ENVIRONMENT	Jan - 2016	Confirmed	25-05-2018	
6	B.Anu Sheeba	16243897189	CSE	PT	Dr.A.Jayachandran	INVESTIGATION OF SKN CANCER CLASSIFICATION SYSTEM IN DEMOSCOPY IMAGES USING MACHINE LEARNING	Jul - 2016	Synopsis Submitted	26.11.2021	
7	T.Siva Rajan	1614389167	CSE	PT	Dr.A.Jayachandran	WIND ENERGY CONVERSION SYSTEM USING FUZZY LOGIC CONTROLLER	Jan - 2016	Course work completed	02.06.2018	
8	M A Sreema	20244891132	CSE	PT	Dr.A.Jayachandran	MEDICAL IMAGE CLASSIFICATION SYSTEM USING PATTERN RECOGNITION METHOD	Jan - 2020	Course Work		
9	N.Anisha	21244897693	CSE	FT	Dr.A.Jayachandran	RETINAL IMAGES CLASSIFICATION SYSTEM USING PATTERN REORGANIZATION METHODS	Jul - 2021	Course Work		
10	S.Ratheesh Kumar	21154891371	CSE	FT	Dr.A.Jayachandran	BRAIN TUMOR CLASSIFICATION SYSTEM USING TEXTURE FEATURES AND MACHINE LEARNING METHODS	Jan - 2021	Course Work		
11	T. Regu	17144891332	ECE	FT	Dr.T.Ajith Bosco Raj	ELECTRICAL AND ELECTROCHEMICAL STUDIES OF SOME POLYMER ELECTROLYTES FOR BATTERY APPLICATIONS	Jan - 2017	Confirmed	12-06-2019	
12	Ani Melfa Roji	17244991515	ECE	FT	Dr.T.Ajith Bosco Raj	DESIGN AND ANALYSIS OF VIBRATION AND RF BASED HYBRID ENERGY HARVESTING	Jan - 2017	Confirmed	28-06-2018	
13	C.Renit	18244891245	ECE	PT	Dr.T.Ajith Bosco Raj	DESIGN AND ANALYSIS OF LOW POWER DIGITAL FILTER USING OPTIMIZED ADDER AND MULTIPLIER.	Jan - 2018	Confirmed	07-02-2022	
14	A.Anisha	18244891254	ECE	PT	Dr.T.Ajith Bosco Raj	SEGMENTATION OF LIVER IN CT IMAGES TO DIAGNOSE TUMORS	Jan - 2018	Confirmed	25-10-2021	
15	S.L.Sonia	18244891262	ECE	PT	Dr.T.Ajith Bosco Raj	SEGMENTATION OF LUNG FOR DIAGNOSING INTERSTITIAL LUNG DISEASES IN CT IMAGES	Jan - 2018	Course Work		
16	R.Lisha	18244897280	ECE	PT	Dr.T.Ajith Bosco Raj	FABRICATION AND CAPACITOR PERFORMANCE OF SUPER CAPACITORS BASED ON TITANIUM COMPOUNDS AS ELECTRODES	Jul - 2018	Course Work		
17	G.Jini Mol	20244691123	ECE	PT	Dr.T.Ajith Bosco Raj	DETECT HEART DISEASE USING MINING	Jan - 2020	Course Work		
18	Carroline Misisha	20244891126	ECE	PT	Dr.T.Ajith Bosco Raj	A NOVEL APPROACH FOR PRIVACY PRESERVATION IN BIG DATA ANALYTICS	Jan - 2020	Course Work		
19	C.Pushpalatha	20244891153	ECE	PT	Dr.T.Ajith Bosco Raj	NOVEL BASED ALGORITHM FOR AERIAL IMAGES	Jan - 2020	Course Work		
20	H.Sahina	21144891326	ECE	FT	Dr.T.Ajith Bosco Raj	NOVEL ALGORITHMS FOR INCREASING COVERAGE AREA IN 5G COMMUNICATION SYSTEMS	Jan - 2021	Course Work		
21	P.Gunasekaran	21144891235	ECE	PT	Dr.T.Ajith Bosco Raj	DESIGN AND DEVELOPMENT OF CLUSTERING ALGORITHM FOR ENERGY EFFICIENCY IMPROVEMENT IN WIRELESS SENSOR NETWORKS	Jan - 2021	Course Work		
22	R.Steffi	21244891352	ECE	PT	Dr.P.Suresh	TEAR FILM BREAK TIME BASED DRY EYE DISEASE DIAGNOSIS USING ARTIFICIAL INTELLIGENCE	Jan - 2021	Course Work		
23	A.Alfina Judi	21244891216	ECE	FT	Dr.P.Suresh	DEMOSAICING TECHNIQUES	Jan - 2021	Course Work		
24	A.Alvin Ancy	21244891355	ECE	FT	Dr.P.Suresh	ROBUST DEEP LEARNING BASED COMPUTER AIDED DIAGNOSIS SYSTEMS FOR MEDICAL IMAGES	Jan - 2021	Course Work		

25	S.Karthika	18244891395	ECE	PT	Dr.P.Rathika	DEVELOPMENT OF SIGNAL PROCESSING TECHNIQUES FOR DATA COMPRESSION IN ONLINE POWER SYSTEM APPLICATIONS	Jan - 2018	Confirmed	14.02.2020	
26	L.Munia Selvan	18144891436	ECE	PT	Dr.P.Rathika	DEVELOPMENT OF CONTROL STRATEGY FOR SHUNT ACTIVE POWER FILTER	Jan - 2018	Confirmed	11.09.2020	
27	S.Ida Evangeline	19243891133	ECE	PT	Dr.P.Rathika	EVOLUTIONARY ALGORITHMS FOR OPTIMAL POWER FLOW INCORPORATING WIND FARMS	Jan - 2019	Confirmed	26.04.2021	
28	S.Ledbin Vini	22244891444	ECE	FT	Dr.P.Rathika	DEVELOPMENT OF INTELLIGENT TECHNIQUES FOR PLANT LEAF DISEASES DETECTION	Jan - 2022	Course Work		
29	R.Mathumitha	22243891199	ECE	FT	Dr.P.Rathika	BIG DATA ANALYTICS AND VISUALIZATION OF RESIDENTIAL ELECTRICITY BEHAVIOUR BASED ON SMART METER DATA	Jan - 2022	Course Work		
30	J.S.Heric	17142897281	MECH	FT	Dr.P.Selvakumar	THREE DIMENSIONAL COOLING FOR ELECTRONIC COMPONENTS WITH STACKED ARRANGEMENTS	Jul - 2017	Confirmed	19-10-2020	
31	S.Selva Prabu	17142897250	MECH	PT	Dr.P.Selvakumar	HIGH TEMPERATURE STORAGE OF SOLAR ENERGY USING PHASE CHANGE MATERIAL	Jul - 2017	Confirmed	30-06-2017	
32	Jacob Rubasing	17142891271	MECH	PT	Dr.P.Selvakumar	EXPERIMENTAL INVESTIGATIONS OF HEAT TRANSFER IN CYLINDRICAL HEAT PIPE USING TiO ₂ ZNO-ETHYLENE GLYCOLNANO FLUIDS	Jan - 2017	Thesis Submitted	28-06-2021	
33	R.Samuel Sanjay Raja	17142891277	MECH	PT	Dr.P.Selvakumar	FABRICATION OF SUPERHYDROPHOBIC SURFACE ON ALUMINIUM SUBSTRATE FOR AIRCRAFT APPLICATIONS	Jan - 2017	Thesis Submitted	28-06-2021	
34	Nixon Poulouse	17152897176	MECH	PT	Dr.P.Selvakumar	DIFFERENT COOLING STRUCTURE IN A NANOFLUIDIC INTERNALLY COOLED CUTTING TOOL FOR EXTENDING TOOL LIFE IN A SUSTAINABLE MACHINING OF COBALT CHROMIUM ALLOY	Jul - 2017	Confirmed	44208	
35	K.Suresh	18142897224	MECH	FT	Dr.P.Selvakumar	THERMAL MANAGEMENT OF ELECTRONIC COMPONENTS	Jul - 2018	Confirmed		
36	L.Kingston	19142897114	MECH	FT	Dr.P.Selvakumar	DEVELOPMENT OF ELECTRO THERMAL ACUTATOR USING TOPOLOGY OPTIMIZATION	Jul - 2019	Course Work		
37	Ramkumar. V	21142897240	MECH	PT	Dr P Selvakumar	PREPRATION,PROPERTIES AND APPLICATIONS OF BIO COMPOSITES OF PLANT FIBRE TAMARIND SEED GUM AND CEMENT	Jul - 2021	Course Work	20-09-2021	
38	Ramya. M	21241897200	MECH	PT	Dr P Selvakumar	EXPERIMENTAL INVESTIGATIONS ON GYPSUM BASED MIXTURES WITH CHINA GLAY INDUSTRIAL WASTE	Jul - 2021	Course Work	22-09-2021	
39	M.Micheal Simon	22142891105	MECH	PT	Dr P Selvakumar	THERMAL PLASMA PROCESSING OF CHINA CLAY WASTE	Jan 2022	Course Work		
40	Benny John. J	20142891160	MECH	PT	Dr K Chandrasekar	PREDICTION ON MECHANICAL PROPERTIES OF POLYMER COMPOSITES WITH ARTIFICIAL NETWORKS	Jan 2020	Course Work		
41	R.Susil Kumar	18144891403	MECH	PT	Dr.K.Gangadharan	SYNTHESIS AND CHARACTERIZATION OF (Ba TiO ₃) _x -(CaCu ₃ Ti ₄ O ₁₂) _{1-x} NANOCOMPOSITE FOR MICROWAVE AND MICROELECTRONIC APPLICATION	Jan 2018	Course Work		
42	Sankar C	1414289838	MECH	PT	Dr K Gangatharan	MAGNESIUM BASED NANO COMPOSITES	Jul 2014	Confirmed		
43	Mareeswaran S	1313289224	MECH	PT	Dr K Gangatharan	EVALUATING THE STRUCTURE OF RESIN MATRIX COMPOSITES USING ACOUSTO - ULTRASONIC TESTING	Jan 2013	Confirmed		
44	Solai Senthil Kumar K	18132891159	MECH	PT	Dr K Gangatharan	PHYSICO-CHEMICAL CHARACTERIZATION AND EVALUATION OF MECHANICAL PROPERTIES OF NATURAL FIBERS	Jan 2018	Course Work		
45	Arunkumar P	18142891166	MECH	PT	Dr K Gangatharan	CHARACTERIZATION AND MECHANICAL PROPERTIES OF NATURAL FIBER AND ITS COMPOSITES FOR ENGINEERING APPLICATIONS	Jan 2018	Course Work		
46	Susilkumar R	18144891403	MECH	PT	Dr K Gangatharan	SYNTHESIS AND CHARACTERIZATION OF (Ba TiO ₃) _x -(CaCu ₃ Ti ₄ O ₁₂) _{1-x} NANOCOMPOSITE FOR MICROWAVE AND MICROELECTRONIC APPLICATIONS	Jan 2018	Course Work		
47	S P Saravanan	18142891116	MECH	PT	Dr K Gangatharan	CHARACTERIZATION OF NATURAL FIBRE REINFORCED POLYMER COMPOSITES FOR MECHANICAL ENGINEERING APPLICATIONS	Jan 2018	Course Work		
48	C. Ramesh	1514269125	MECH	PT	Dr M Vijayakumar	AN EXPERIMENTAL INVESTIGATION OF SOLAR COLLECTOR WITH REFLECTOR	Jul 2015	Synopsis Submitted	22-12-2021	
49	P. Ragupathy	1517219199	MECH	PT	Dr M Vijayakumar	EFFLUENT TREATMENT IN DYING INDUSTRIES BY HUMIDIFICATION DE-HUMIFICATION (HDH) METHOD	Jul 2015	Confirmed		
50	K Sudhakar	21122897238	MECH	PT	Dr N. Vijay Ponraj	FABRICATION OF SUPERHYDROPHOBIC SURFACE ON ALUMINIUM ALLOY 6061 USING LASER TEXTURING	Jul 2021	Course Work	20-09-2021	
51	L Antony Caroxin	21141897175	MECH	PT	Dr N. Vijay Ponraj	IMPROVEMENT OF MECHANICAL AND THERMAL PROPERTIES OF GYPSUM BASE PARTITION PANELS	Jul 2021	Course Work	15-09-2021	
52	P Mathan	22142891162	MECH	PT	Dr N. Vijay Ponraj	THERMAL PERFORMANCE OF PARABOLIC THROUGH COLLECTOR USING HIGH TEMPERATURE HEAT TRANSFER FLUIDS	Jan 2022	Course Work		

53	S Paramasivan	22142891163	MECH	PT	Dr N. Vijay Ponraj	WETTABILITY STUDY OF LASER TEXTURED COPPER SURFACE FOR ENHANCED DROPWISE CONDENSATION	Jan 2022	Course Work		
54	Ezhil Ruban	21122897103	MECH	PT	Dr N. Vijay Ponraj	INVESTIGATION ON MICRO CHANNEL HEAT SINK	Jul 2021	Course Work		
55	P.R. Sagunthala Devi	17257897181	S&H	FT	Dr.S.Theodore David Manickam	STUDIES ON SURFACE MODIFICATION OF SOME SCHIFF BASE COMPLEXES FOR THEIR CATALYTIC APPLICATIONS	Jul 2017	Thesis Submitted	17-02-2022	
56	A. Kuberan	1514789196	S&H	FT	Dr. P.V. Ananthapadmanabhan	DEVELOPMENT OF SOLID STATE FLEXIBLE CATHODES FOR RECHARGEABLE LITHIUM ION BATTERIES	Jan 2015	Confirmed		
57	S.Manikandan	17142891296	S&H	FT	Dr.P.V.Ananthapadmanabhan	STUDIES ON PLASMA PROCESSING OF ILMENITE TO FORM METAL CERAMIC COMPOSITES	Jan 2017	Confirmed		