

EEE WEBSITE DATA

1.LIST OF FACULTY WITH DOCTORATE:nil

2.LIST OF FACULTY WITH PURSUING PH.D:

s.no	Name of the faculty	Ph.d
1	P murari	pursuing

3.PUBLICATIONS

SI.N O	NAME OF THE FACULTY	TITLE OF PAPER	YEAR OF PUBLICATION	NAME OF JOURNAL	SCOUPUS /UGC
1	P.MURARI	Multiple level current charging system design and analysis for electrical vehicles.	2024	IJARIILE JOURNALS	UGC
2	P.MURARI	Comparative analysis of machine learning based estimation of output current ripple in PFC-IBC used in EV battery chargers concerning well RE,RF and ANN methods.	2024	IJARIILE JOURNALS	UGC
3	P.MURARI	Regenerative Braking And Sensor Less Control Integration Of Renewable Energy Resources For EV Applications.	2023	IJSREM	UGC
4	P.MURARI	Utilizing Modified Direct Torque Control And Adaptive Control Theory For Regenerative Braking In Electric Vehicles.	2023	IJSREM	UGC
5	P.MURARI	Frequency Control Techniques For Electrical Power Networks With High Wind Energy Generation Employing Fuzzy Logic Controllers.	2023	IJSREM	UGC
6	P.MURARI	PV Cell and STATCOM Control Technique for Grid Connected Wind Energy System to Improve Power Quality.	2017	IJEECM	UGC
7	P.MURARI	Comparison of Fuzzy Logic Controller and PID Controller for Decentralized Stabilization of Multi-machine Power Systems.	2017	IJEECM	UGC
8	P.MURARI	Single Phase Shunt Active Power Filter for Domestic Non-linear	2016	IJSETR	UGC

		Loads with Induction Motor Drive.			
9	P.MURARI	Minimum rating 5 level D-STATCOM for Improvement of Power Quality.	2015	IJMETMR	UGC
10	P.MURARI	Reduction of Higher Order Linear Dynamic SISO and MIMO Systems Using the Advantages of Improved Pole Clustering and PSO.	2012	AICEEE	UGC
11	P.MURARI	Order Reduction Of Linear Dynamic Systems Using An Improvement To Generalized Least-Squares Method And PSO.	2012	IJERA	UGC
12	P.MURARI	Large Scale Model Order Reduction of Linear Time Invariant Dynamic System by Improvement of Generalized Least Squares Method.	2012	AICEEE	UGC
13	P.MURARI	Large Scale Linear MIMO System Model Order Reduction using Artificial Bee Colony Optimization Algorithm.	2012	IJRTET	UGC

S. N O	NAME OF THE FACULTY	TITLE OF PAPER	YEAR OF PUBLICATION	NAME OF JOURNAL	SCOPOU S/UGC
1	CH VISHNU CHAKRAVART HI	MULTIPLE LEVEL CURRENT CHARGING SYSTEM DESIGN AND ANALYSIS FOR ELECTRICAL VEHICLES	APRIL 2024	IJARIILE JOURNALS	UGC
2	CH VISHNU CHAKRAVART HI	USING ARTIFICIAL NEURAL NETWORK AND SLIDING MODE CONTROL,THE PERFORMANCE OF HYBRID RENEWABLE ENERGY SOURCES CONNECTED TO THE GRID IS IMPROVED	JUL-05	IJARIIE	UGC
3	CH VISHNU CHAKRAVART HI	A FUZZY LOGIC CONTROLLER BASED APPROACH FOR LOW HARMONIC CONTROL OF BI-DIRECTIONAL THREE-PHASE Z-SOURCE CONVERTERS IN VEHICLE-TO-GRID APPLICATIONS	APR-24	JOURNAL OF ENGINEERING SCIENCES	UGC
4	CH VISHNU CHAKRAVART HI	."A METHOD FOR THE REDUCTION OF DISCRETE TIME SYSTEMS USING INTERLACING TECHNIQUE AND COEFFICIENT MATCHING"	MAR-21	(IJARESM)	UGC
5	CH VISHNU CHAKRAVART HI	SLIDING MODE CONTROL OF HYBRID RENEWABLE ENERGY SYSTEM"INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY		INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY	UGC

6	CH VISHNU CHAKRAVART HI	STATIC SYNCHRONOUS SERIES COMPENSATOR BASED POWER OSCILLATION DAMPING CONTROLLER	MAY-20	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY,	UGC
7	CH VISHNU CHAKRAVART HI	SLIDING MODE CONTROL WITH NEUTRAL NETWORKS FOR CONTROLLING OF WIND POWER GENERATION	JULY. 2019	INTERNATIONAL JOURNAL OF ELECTRICAL ELECTRONIC COMPUTERS & MECHANICAL ENGINEERING (IJEEM)	UGC
8	CH VISHNU CHAKRAVART HI	OPERATION AND CONTROL OF APF WITH FUZZY BASED LYAPUNOV CONTROL THEORY	JULY. 2019	INTERNATIONAL JOURNAL OF ELECTRICAL ELECTRONICS COMPUTERS & MECHANICAL ENGINEERING (IJEEM)	UGC
9	CH VISHNU CHAKRAVART HI	CASCADED CONTROL SYSTEM OF THE MODULAR MULTILEVEL CONVERTER FOR FEEDING VARIABLE SPEED DRIVES	2018 MAY	ANVESHANA'S INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND APPLIED SCIENCES	UGC
10	CH VISHNU CHAKRAVART HI	ADVANCED SPEED CONTROL STRATEGIES OF PMSM MOTOR IN SIMULATION ENVIRONMENT	MAR-18	JOURNAL OF SCIENCE AND TECHNOLOGY (JST)	UGC
11	CH VISHNU CHAKRAVART HI	A FRAME WORK FOR CONTROL OF GRID CONNECTED WIND POWER USING TWO LAYER CONTROL	2017	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY	UGC
12	CH VISHNU CHAKRAVART HI	SIMULATION AND MODELING OF NEW TRANSFORMER CONNECTION SCHEME FOR MULTIPHASE POWER TRANSFORMATION	2017	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY	UGC
13	CH VISHNU CHAKRAVART	COMPARATIVE ANALYSIS OF NONLINEAR ESTIMATION SCHEMES USED FOR UNDE	2016	INNOVARE JOURNAL OF ENGINEERING &	UGC

	HI	RSEASONARAPPLICATIONS		TECHNOLOGY	
14	CH VISHNU CHAKRAVART HI	COMPARATIVE ANALYSISOFNONLINEARESTIMATIONSCHMESUSEDFORUNDE RSEASONARAPPLICATIONS	2016	INNOVAREJOURNALOF ENGINEERING & TECHNOLOGY	UGC
15	CH VISHNU CHAKRAVART HI	IMPROVEDNONLINEARSIGNALESTIMATION TECHNIQUE FORUNDERSEASONAR-BASEDNAVALAPPLICATIONS	2016	INNOVAREJOURNALOF ENGINEERING & TECHNOLOGY	UGC
16	CH VISHNU CHAKRAVART HI	COMPARATIVE ANALYSIS OF PID,SMC,SMC WITH PID CONTROLLER FOR SPEED CONTROL OF DC MOTOR	2016	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY (IJMTST),	UGC
17	CH VISHNU CHAKRAVART HI	A METHOD FOR THE REDUCTION OF LINEAR HIGH ORDER MIMO SYSTEMS USING INTERLACING PROPERTY AND FACTOR DIVISION TECHNIQUE	NOV-16	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY (IJMTST)	UGC
18	CH VISHNU CHAKRAVART HI	SPEED ESTIMATION OF SENSORLESS INDUCTION MOTOR THROUGH VECTOR CONTROL USING MRAS AND DIRECT SYNTHESIS TEST	NOVEMBER201 6,	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY (IJMTST)	UGC
19	CH VISHNU CHAKRAVART HI	SOFT COMPUTING BASED SPEED CONTROL TECHNIQUE OF INDUCTION MOTOR DRIVE IN SENSORLESS OPERATION	2016,	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY (IJMTST)	UGC
20	CH VISHNU CHAKRAVART HI	SIMULATIONAPPROACHTOSPEEDCONTROLOF PMBLDCMOTOR USINGVARIOUS CONTROLTECHNIQUE	2016,	INTERNATIONALJOURNA L FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY (IJMTST),	UGC
21	CH VISHNU CHAKRAVART HI	ANALYSIS OF EXTENDED KALMAN FILTER USING RANGE AND LINE OF SIGHT MEASUREMENT FOR UNDERSEA TARGET LOCALISATION	2016	INNOVARE JOURNAL OF SCIENCES	UGC
22	CH VISHNU CHAKRAVART HI	A METHOD FOR THE REDUCTION OF MIMO SYSTEMS USING INTERLACING PROPERTY AND COEFFICIENTS MATCHING”	2010	INTERNATIONAL JOURNAL ON “IJFCA” IISC, BANGALORE	UGC
23	CH VISHNU	POWER PLANT CONTROLLING BY USING PROCESS CONTROL	2017	INTERNATIONAL	UGC

	CHAKRAVART HI	AND ADVANCED CONTROL SYSTEMS		JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY, VOL. 03,	
24	CH VISHNU CHAKRAVART HI	EFFICIENT CONTROL STRATEGIES FOR COMPENSATION OF VOLTAGE IN UNBALANCED GRID CONNECTED DISTRIBUTED GENERATION	2019	INTERNATIONAL JOURNAL FOR MODERN TRENDS IN SCIENCE AND TECHNOLOGY	UGC

S.NO	Names (s) of the Authors	Title of the Paper	Name of the Journal/ Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus/UGC
1	Y.NAVEEN KUMAR	AN INNOVATIVE CONTROL STRATEGY FOR WIND TURBINE OPERATED DFIG INTERGATED FUZZY LOGIC CONTROLLER	JES journals	15 Volume, Issue 4, April 2024	No
2	Y.NAVEEN KUMAR	POWER AND SIGNAL MULTIPLEXING FORELECTRIC VEHICLES USING CASCADING MULTILEVEL INVERTERS	IJSREM JOURNAL	07 Volume, Issue 4, APRIL 23	No
3	Y.NAVEEN KUMAR	PERFORMANCE OF SOLAR PV SYSTEM WITH BATTERY BACKUP FOR UNINTERRUPTED LOADS AND COMPENSATION FOR UNBALANCED AND DISTORTED LOADS	IJOER	VOL 4, ISSUE 4, JULY-AUGUST 2016	No
4	Y.NAVEEN KUMAR	POWER QUALITY IMPROVEMENT BY UPQC USING PI AND ANN CONTROLLER FOR DC LINK CURRENT /VOLTAGE CONTROLLER WITH HYSTESRIES CONTROL	IJESAT	VOL 3,ISSUE-1,JAN-FEB 2013	No
5	Y.NAVEEN KUMAR	ANALYSIS ,DESIGN AND CONTROL OF A CSI-UPQC USING ARTIFICIAL INTELLIGENCE NEURAL NETWORK TECHNIQUE	IJ&MAGAZINES	VOL-1,ISSUE-2, MAY-JUNE 2013	No

6	Y.NAVEEN KUMAR	POWER QUALITY IMPROVEMENT BY UNIFIED POWER QUALITY CONDITIONER USING PI&ANN CONTROLLER FOR DC LINK CURRENT /VOLTAGE CONTROL WITH HYSTERESIS CONTROL	IJESAT	VOL-3,ISSUE-1,JAN-FEB 2013	No
7	Y.NAVEEN KUMAR	APPLICATION OF STATCOM AND CROWBAR FOR TRANSIENT STABILITY IMPROVEMENT AND PERFORMANCE ENHANCEMENT FOR A WIND TURBINE BASED DOUBLY FED INDUCTION GENERATOR	IJSCE	VOL-2,ISSUE-6, JANUARY 2013	No
8	Y.NAVEEN KUMAR	FUZZY ONE CYCLE CONTROL OF SHUNT ACTIVE POWER FILTER FOR HARMONIC REDUCTION	IJETEE	VOL 8,ISSUE 1 OCT 2013	No
9	Y.NAVEEN KUMAR	MODELLING AND SIMULATION OF CASCADED H-BRIDGE MULTI LEVEL INVERTER BASED D-STATCOM FOR IMPROVEMENT OF POWER QUALITY,	IJESAT	VOL 3,ISSUE 2, FEB 2013	No
10	Y.NAVEEN KUMAR	ANALYSIS OF DESIGN AND CONTROL OF CSI-UPQC USING AI &NN TECHNICQUES	IJ&MAGAZINES	VOL 1, ISSUE 2 ,MAY 2013	No
11	Y.NAVEEN KUMAR	EFFICIENCY OPTIMIZATION CONTROL OF INDUCTION MOTOR USING FUZZY LOGIC	IJSE	VOL2, ISSUE3,JULY 2012	No
12	Y.NAVEEN KUMAR	POWER QUALITY IMPROVEMENT IN DISTRIBUTION SYSTEM USING D-STATCOM IN TRANSMISSION LINES	IJERA	VOL 1,ISSUE 3, MARCH 2012	No
13	Y.NAVEEN KUMAR	POWER QUALITY IMPROVEMENT BY UNIFIED POWER QUALITY CONDITIONER USING PI& ANN WITH HYSTERESIS CONTROL	IJEIA	VOL-1,ISSUE-2.AUG –SEP 2012	No
14	Y.NAVEEN KUMAR	MULTI LEVEL INVERTERS AND ITS APPLICATION OF STATCOM USING SVPWM AND SPWM TECHNIQUES	IOSR JORNALS	VOL-2, ISSUE-5,SEP-OCT 2012	No

15	Y.NAVEEN KUMAR	DESIGN OF MULTI LEVEL INVERTER AND ITS APPLICATION AS STATCOM TO COMPENSATE VOLTAGE SAGS DUE TO FAULTS	IJER&D	VOL 3,ISSUE 6,SEP 2012	No
16	Y.NAVEEN KUMAR	ANALYSIS,DESIGN AND CONTROL OF A CSI-UPQC USING AINN TECHNIQUE	IJ&MAGAZINES	01 Volume, Issue 2, April 2012	No
17	Y.NAVEEN KUMAR	POWER QUALITY IMPROVEMENT IN DISTRIBUTION SYSTEM USING D-STATCOM IN TRANSMISSION LINES	IJERA	VOL 1, ISSUE 3,SEP-OCT, 2011	NO

S.NO	Names (s) of the Authors	Title of the Paper	Name of the Journal/ Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus/UGC
1	K.SATHISH KUMAR	Scheme for optimising the power of an induction motor utlising FLC in an electrical Vehicle	IJARIE	10 Volume, Issue 4 April 2024	No
2	K.SATHISH KUMAR	Installation of an Electric Vehicel Charging Station using a Diesel Genrator& Solar PV Batteries	IJSREM	07 Volume, Issue 4 Nov 23	No
3	K.SATHISH KUMAR	A muitliphaseinterleavedboost converter with high volatge gain for EV Applications	IJSREM	07 Volume, Issue 4 April 2023	No

S.NO	NAME OF THE FACULTY	TITLE OF PAPER	YEAR OF PUBLICATION	NAME OF JOURNAL	SCOPOUS/UGC
1	PALA SURESH	A PERSPECTIVE ON THE EVOLUTION OF SOLAR CELL AND SOLAR PANEL MATERIALS	SEP-24	SCOPUS	SCOPUS
2	PALA SURESH	POWER QUALITY IMPROVEMENT IN PV GRID CONNECTED SYSTEM USING MULTILEVEL CONVERTERS WITH REDUCED NO.OF SWITCHES	APR-24	JOURNAL OF ENGINEERING SCIENCES	UGC
3	PALA SURESH	FUZZY LOGIC CONTROL BASED ACTIVE POWER FILTER FOR RENEWABLE POWER GENERATION SYSTEMS	OCT-17	INTERNATIONAL JOURNAL FOR SCIENCE AND ADVANCE RESEARCH IN TECHNOLOGY	PGC

S.NO	NAME OF THE FACULTY	TITLE OF PAPER	YEAR OF PUBLICATION	NAME OF JOURNAL	SCOPOUS/UGC
1	B.BHASKARA RAO	PERFORMANCE OF FUZZY LOGIC BASED IN SMIB AND MMIB SYSTEMS AND POWER FLOW CONTROL USING IPFC AND SSSC	APRIL 2014	IJERA	UGC
2.	B.BHASKARA RAO	POWER QUALITY PROBLEMS AND IMPROVEMENT TECHNIQUES	JUNE 2019	IJERT	UGC

S.NO	NAME OF THE FACULTY	TITLE OF PAPER	YEAR OF PUBLICATION	NAME OF JOURNAL	SCOPOUS/UGC
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1.	A.CHAKRADHAR	COUPLED WIRELESS CHARGING SYSTEM FOR ELECTRICAL VEHICLES BY USING SOLAR PANEL	2024	JES	UGC
2.	A.CHAKRADHAR	REMOTE MONITORING OF CRITICAL PARAMETERS OF HV SUBSTATION	2019	IRJET	UGC

s.no	Names (s) of the Authors	Title of the Paper	Name of the Journal/Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus/UGC
1	D.KALAVATHI	Three-Phase Four- Wire VSI Parallel Connected Using Fuzzy Logic Controller	IJMETMR	2 Volume, Issue 11 April 2015	No

GUEST LECTURES ARRANGED IN 2023-24

s.no	Topic name	date
1	Business opportunities in ev field	23-03-2024