

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, RAJAMPET
(AN AUTONOMOUS INSTITUTION)**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

STAFF JOURNAL PUBLICATIONS (2017-18)

Name of the faculty: Dr.M.Padmamalitha

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering (IJEE)	Optimal Phasor measurement unit placement in the observability of power system by using tree algorithm	June 2017	157-170	0974-2158	International	Volume:10 Issue:2 H-index:7
2	International journal of current Science(IJCS)	An enhanced power sharing scheme by using fuzzy logic controller for voltage unbalances and harmonic compensation in an islanded AC micro grid	July 2017	63-71	2250-1770	International	Volume:20 Issue:3 H-index:
3	International journal of advanced engineering and research development(IJAERD)	Voltage and current harmonics compensation in micro grid using adaptive neuro fuzzy logic controller of dual interfacing converters	November 2017	633-646	2348-4470 UGC JOURNAL NO:44839	International	Volume:4 Issue:11 IMPF:4.72
4	International journal of electrical engineering (IJEE)	Design of external inductor for improving performance of voltage controlled DSTATCOM using fuzzy logic controller	July 2017	247-269	0974-2158	International	Volume:10 Issue:2 H-index:7
5	International journal of current Science(IJCS)	Optimal placement and sizing method to improve the voltage stability margin in a reduced buses distribution system using DG	July 2017	74-82	2250-1770	International	Volume:3 Issue:20 H-index:

6	International journal of electrical engineering (IJEE)	Power flow analysis for grid connected DGS and battery based transformer coupled bidirectional DC-DC converter	July 2017	181-192	0974-2158	International	Volume:10 Issue:3 H-index:7
---	--	--	-----------	---------	-----------	---------------	-----------------------------------

Name of the faculty: Mr.P.Suresh Babu

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering (IJEE)	Optimal Phasor measurement unit placement in the observability of power system by using tree algorithm	June 2017	157-170	0974-2158	International	Volume:10 Issue:2 H-index:7
2	International journal of current Science(IJCS)	A fuzzy logic controller based dynamic voltage restorer ultra capacitor for improving power quality of distribution grid	July 2017	41-48	2250-1770	International	Volume:20 Issue:3 H-index:

Name of the faculty: Mrs.S.Anupama

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of current Science(IJCS)	An enhanced power sharing scheme by using fuzzy logic controller for voltage unbalances and harmonic compensation in an islanded AC micro grid	July 2017	63-71	2250-1770	International	Volume:20 Issue:3 H-index:

Name of the faculty: Dr.P.B Chennaiah

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of scientific engineering and technology research	Modified HCS MPPT control algorithm for wind energy conversion system	September 2017	5687-5690	2319-8885	International	Volume:6 Issue:29 H-index: IMPF:5.762
2	International journal of electrical engineering (IJEE)	PV powered SRM drive for electric vehicals with fuzzy logic controller and flexible energy control functions	July 2017	223-245	0974-2158	International	Volume:10 Issue:2 H-index:7

Name of the faculty: M. Pala Prasad Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering (IJEE)	PV powered SRM drive for electric vehicals with fuzzy logic controller and flexible energy control functions	July 2017	223-245	0974-2158	International	Volume:10 Issue:2 H-index:7

Name of the faculty: L.Baya Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of scientific engineering and technology research	Modified HCS MPPT control algorithm for wind energy conversion system	September 2017	5687-5690	2319-8885	International	Volume:6 Issue:29 H-index: IMPF:5.762

2	International journal of current Science(IJCS)	A distributed control strategy for DC grid wind power generation system in a micro grid	October 2017		2250-1770	International	Volume:20 Issue:4 H-index:
---	--	---	--------------	--	-----------	---------------	----------------------------------

Name of the faculty: O.Hemakesavulu

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of current Science(IJCS)	Anew control strategy of VSC-HVDC system for passive industrial network	September 2017	41-46	2250-1770	International	Volume:20 Issue:2 H-index:

Name of the faculty: Ramesh

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of current Science(IJCS)	Anew control strategy of VSC-HVDC system for passive industrial network	September 2017	41-46	2250-1770	International	Volume:20 Issue:2 H-index:
2	International journal of current Science(IJCS)	A distributed control strategy for DC grid wind power generation system in a micro grid	October 2017		2250-1770	International	Volume:20 Issue:4 H-index:

Name of the faculty: R. Madhan Mohan

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering (IJEE)	A power quality improved bridgeless converter based computer power supply by using fuzzy logic controller	October 2017	197-221	0974-2158	International	Volume:10 Issue:2 H-index:7
2	International journal of electrical engineering (IJEE)	Voltage control in distribution system considering the impact of PV generation using MPPT controller on tap chargers and autonomous regulators	June 2017	143-156	0974-2158	International	Volume:10 Issue:2 H-index:7

Name of the faculty: Mr.P.Baskara Prasad

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering (IJEE)	Voltage control in distribution system considering the impact of PV generation using MPPT controller on tap chargers and autonomous regulators	June 2017	143-156	0974-2158	International	Volume:10 Issue:2 H-index:7
2	International journal of electrical engineering (IJEE)	Design of external inductor for improving performance of voltage controlled DSTATCOM using fuzzy logic controller	July 2017	247-269	0974-2158	International	Volume:10 Issue:2 H-index:7

Name of the faculty: S.S.Deekshit

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering (IJEE)	A power quality improved bridgeless converter based computer power supply by using fuzzy logic controller	October 2017	197-221	0974-2158	International	Volume:10 Issue:2 H-index:7

Name of the faculty: K.Harinath Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of current Science(IJCS)	Back propagation algorithm based Fuzzy logic strategy for wind-DG Micro grid	July 2017	33-40	2250-1770	International	Volume:20 Issue:3 H-index:
2	International journal of advanced engineering and research development(IJAERD)	Voltage and current harmonics compensation in micro grid using adaptive neuro fuzzy logic controller of dual interfacing converters	November 2017	633-646	2348-4470 UGC JOURNAL NO:44839	International	Volume:4 Issue:11 IMPf:4.72

Name of the faculty: S.Muqthiar Ali

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of current Science(IJCS))	Back propagation algorithm based Fuzzy logic strategy for wind-DG Micro grid	July 2017	33-40	2250-1770	International	Volume:20 Issue:3 H-index:

2	International journal of current Science(IJCS)	Optimal placement and sizing method to improve the voltage stability margin in a reduced buses distribution system using DG	July 2017	74-82	2250-1770	International	Volume:3 Issue:20 H-index:
---	--	---	-----------	-------	-----------	---------------	----------------------------------

Name of the faculty: C.Ganesh

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical and computer engineering	An improved efficiency of fuzzy logic control of BLDC motor for solar photo voltaic array fed water pumping system	November 2017	11-37	09742190	International	Volume:19 Issue:1 H-index:
2	International journal of electrical engineering (IJEE)	Brushless DC motor Drive for solar photovoltaic array fed water pumping system By using fuzzy logic controller	October 2017	289-305	0974-2158	International	Volume:10 Issue:3 H-index:7

Name of the faculty: S.Sarada

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical and computer engineering	An improved efficiency of fuzzy logic control of BLDC motor for solar photo voltaic array fed water pumping system	November 2017	11-37	09742190	International	Volume:19 Issue:1 H-index:
2	International journal of electrical engineering (IJEE)	Brushless DC motor Drive for solar photovoltaic array fed water pumping system By using fuzzy logic controller	October 2017	289-305	0974-2158	International	Volume:10 Issue:3 H-index:7

Name of the faculty: S.Sagar Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of current Scent(IJCS)	A fuzzy logic controller based dynamic voltage restorer ultra capacitor for improving power quality of distribution grid	July 2017	41-48	2250-1770	International	Volume:20 Issue:3 H-index:

Name of the faculty: D.Sai krishnakanth

S.NO	Name of the Journal	Title	Month & year of publication	Page No's	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of scientific engineering and technology research	Optimal placement and sizing of DG's using back tracking search algorithm in IEEE-33 bus distribution system	September 2017	5691-5696	2319-8885	International	Volume:6 Issue:29 H-index: Impf:5.762

Name of the faculty: N.Sreeramula Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page No's	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of scientific engineering and technology research	Optimal placement and sizing of DG's using back tracking search algorithm in IEEE-33 bus distribution system	September 2017	5691-5696	2319-8885	International	Volume:6 Issue:29 H-index: Impf:5.762
2	International journal of electrical engineering (IJEE)	Power flow analysis for grid connected DGS and battery based transformer coupled bidirectional DC-DC converter	July 2017	181-192	0974-2158	International	Volume:10 Issue:3 H-index:7

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, RAJAMPET
(AN AUTONOMOUS INSTITUTION)**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

STAFF JOURNAL PUBLICATIONS (2016-17)

Name of the faculty: M.Padma Lalitha

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Optimal distributed generation and capacitor placement for loss minimization and voltage profile improvement using symbiotic organisms search algorithm	October 2016	249-261	0974-2158	International	Volume:9 Issue:3 H-index:7
2	International journal of electrical engineering	An integrated active filter capabilities for wind energy conversion systems with doubly fed induction fed generator by fuzzy	September 2016	155-169	0974-2166	International	Volume:9 Issue:2 H-index:7
3	IJEREEE	Transformer coupled bidirectional DC-DC converter for grid connected PV-wind battery	March 2017		2395-2717	International	Volume:3 Issue:3 H-Index:
4	IJEREEE	Enhancement of droop characteristics with synchronous power controller for renewable power generation	March 2017	99-104	2395-2717	International	Volume:3 Issue:3 H-Index:

Name of the faculty: O.Hemakesavulu

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	Discovery engineering an international journal	Shunt active power filter design with LCL filter	January 2016	79-87.	2320-6675	International	Volume:4 Issue:11
2	IEEE journal	ANN control for harmonic reduction in grid connected system	October 2016	240-245	978-1-5090-1066-0/16	International	
3	International journal of control theory and applications	Line loss minimization in distance substations and multiple cycle distribution systems using UPFC	December 2016		0974-5572	International	Volume: Issue: H-index:9
4	IJEREEE	Enhancement of droop characteristics with synchronous power controller for renewable power generation	March 2017	99-104	2395-2717	International	Volume:3 Issue:3 H-Idex:

Name of the faculty: P.Bhaskara Prasad

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Permanent magnet synchronous generator based wind turbines control for system inertial response and power oscillation damping by fuzzy	September 2016	109-125	0974-2166	International	Volume:9 Issue:1 H-index:7

2	International journal of electrical engineering	An integrated active filter capabilities for wind energy conversion systems with doubly fed induction fed generator by fuzzy	September 2016	155-169	0974-2166	International	Volume:9 Issue:2 H-index:7
---	---	--	----------------	---------	-----------	---------------	----------------------------------

Name of the faculty: P.B.Chennaiah

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Synchronization of grid voltage with distributed generation systems under unbalanced situations by fuzzy	September 2016	195-214	0974-2158	International	Volume:9 Issue:2 H-index:7
2	International journal of electrical and computer engineering (IJEC)	Mitigation of micro grid frequency deviation with resonant controller in micro grid with robust control of an attached storage system	October 2016	139-152	0974-2190	International	Volume:8 Issue:2 H-index:2
3	International journal of electrical engineering	Compensation of utility current and supplies power to nonlinear load by using PV-active power filter combination by fuzzy	September 2016	87-107	0974-2158	International	Volume:9 Issue:1 H-index:7

Name of the faculty: B.Murali Mohan

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International of control theory and applications(IJCTA)	Minimization of the dc component in transformer less photovoltaic inverter system by fuzzy controller	September 2016	331-342	0974-5572	International	Volume:9 Issue:24 H-index:9

Name of the faculty: C.Ganesh

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Hybrid filter with CPPM for suppression of common mode voltage and differential mode harmonics in three phase PV inverter	October 2016	313-328	0974-2158	International	Volume:9 Issue:3 H-index:7

Name of the faculty: S.Sarada

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Hybrid filter with CPPM for suppression of common mode voltage and differential mode harmonics in three phase PV inverter	October 2016	313-328	0974-2158	International	Volume:9 Issue:3 H-index:7

Name of the faculty: P.Suresh Babu

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Optimal distributed generation and capacitor placement for loss minimization and voltage profile improvement using symbiotic organisms search algorithm	October 2016	249-261	0974-2158	International	Volume:9 Issue:3 H-index:7

Name of the faculty: K.Harinath Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Optimal distributed generation and capacitor placement for loss minimization and voltage profile improvement using symbiotic organisms search algorithm	September 2016	139-154	0974-2158	International	Volume:9 Issue:2 H-index:7
2	International journal of electrical engineering	A fuzzy logic controller based protection scheme for HVDC converters against DC side faults with current suppression capability	October 2016	233-247	0974-2158	International	Volume:9 Issue:3 H-index:7
3	International journal of electrical engineering	Permanent magnet synchronous generator based wind turbines control for system inertial response and power oscillation damping by fuzzy	September 2016	109-125	0974-2166	International	Volume:9 Issue:1 H-index:7
4	International journal of electrical engineering(IJEE)	Optimal voltage control scheme on n observer based for three phase ups system by using fuzzy	September 2016	139-154	0974-2158	International	Volume:9 Issue:2 H-index:7
5	International journal of electrical engineering	Fuzzy predictive control of three phase four switch inverter fed induction motor drives	October 2016	275-287	0974-2158	International	Volume:9 Issue:3 H-index:7

Name of the faculty: S.Anupama

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Optimal distributed generation and capacitor placement for loss minimization and voltage profile improvement using symbiotic organisms search algorithm	September 2016	139-154	0974-2158	International	Volume:9 Issue:2 H-index:7
2	International journal of electrical engineering	A fuzzy logic controller based protection scheme for HVDC converters against DC side faults with current suppression capability	October 2016	233-247	0974-2158	International	Volume:9 Issue:3 H-index:7
3	International journal of electrical engineering(IJEE)	Optimal voltage control scheme on n observer based for three phase ups system by using fuzzy	September 2016	139-154	0974-2158	International	Volume:9 Issue:2 H-index:7

Name of the faculty: S.Muqthiar Ali

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of control theory and applications	Line loss minimization in distance substations and multiple cycle distribution systems using UPFC	December 2016		0974-5572	International	Volume: Issue: H-index:9
2	International journal of electrical and computer engineering (IJEC)	Mitigation of micro grid frequency deviation with resonant controller in micro grid with robust control of an attached storage system	October 2016	139-152	0974-2190	International	Volume:8 Issue:2 H-index:2

Name of the faculty: G.Venkatesh

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Synchronization of grid voltage with distributed generation systems under unbalanced situations by fuzzy	September 2016	195-214	0974-2158	International	Volume:9 Issue:2 H-index:7
2	International of control theory and applications(IJCTA)	Minimization of the dc component in transformer less photovoltaic inverter system by fuzzy controller	September 2016	331-342	0974-5572	International	Volume:9 Issue:24 H-index:9

Name of the faculty: M.Sai sandeep

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	Discovery engineering an international journal	Shunt active power filter design with LCL filter	January 2016	79-87.	2320-6675	International	Volume:4 Issue:11
2	IEEE journal	ANN control for harmonic reduction in grid connected system	October 2016	240-245	978-1-5090-1066-0/16	International	

Name of the faculty: M. Pala Prasad Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Adaptive current voltage control scheme for variable pulse load in a hybrid DC micro grid	October 2016	263-274	0974-2158	International	Volume:9 Issue:3 H-index:7
2	International journal of electrical engineering	Fuzzy predictive control of three phase four switch inverter fed induction motor drives	October 2016	275-287	0974-2158	International	Volume:9 Issue:3 H-index:7

Name of the faculty: M.Ramesh

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International of control theory and applications(IJCTA)	Power oscillation damping control by energy storage STATCOM using fuzzy logic	December 2016		0974-5572	International	Volume:9 Issue:2 H-index:9

Name of the faculty: P.Pamuletaiah

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International of control theory and applications(IJCTA)	Power oscillation damping control by energy storage STATCOM using fuzzy logic	December 2016		0974-5572	International	Volume:9 Issue:2 H-index:9

Name of the faculty: N.Sreeramula Reddy

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical engineering	Compensation of utility current and supplies power to nonlinear load by using PV-active power filter combination by fuzzy	September 2016	87-107	0974-2158	International	Volume:9 Issue:1 H-index:7
2	IJEREE	Transformer coupled bidirectional DC-DC converter for grid connected PV-wind battery	March 2017		2395-2717	International	Volume:3 Issue:3 H-index:

Name of the faculty: P.Venkata Sarath

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical and computer engineering (IJEC)	Active damping method for mitigation of resonance propagation in grid connected and islanding micro grid by using FLC	October 2016	19-36	0974-2190	International	Volume:8 Issue:1 H-index:2

Name of the faculty: K.Sreedhar

S.NO	Name of the Journal	Title	Month & year of publication	Page Nos	ISSN NO	National/ International	Volume ,Index & Issue No
1	International journal of electrical and computer engineering (IJEC)	Active damping method for mitigation of resonance propagation in grid connected and islanding micro grid by using FLC	October 2016	19-36	0974-2190	International	Volume:8 Issue:1 H-index:2

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, RAJAMPET
(AN AUTONOMOUS INSTITUTION)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

STAFF JOURNAL PUBLICATIONS (2015-16)

Name of the faculty: Dr.M.PadmaLaitha

S.NO	Author name	Title of Paper	Name of the Journal	Volume,h:i ndex,issue no	Page No	Month & year of publication
1	Dr.M.PadmaLaitha	Performance Comparison Of Induction Generators For Voltage Control And Reactive Power Support For Wind Power Systems	International Journal of Applied Engineering Research (IJAER)	H-Index:5 Issue:10 Volume:9	3425-3430	September 2015
2	Dr.M.PadmaLaitha	Power loss reduction in radial distribution system by optimal capacitor placement to distribution transformer	International journal of engineering and applied sciences (IJECS)	2		January 2016

Name of the faculty: P.Bhaskara Prasad

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	P.Bhaskara Prasad	Fuzzy based multi string seven level inverter for photovoltaic system	International Journal of Applied Engineering Research (IJAER)	10		Oct 2015
2	P.Bhaskara Prasad	Mitigation of voltage sag with transformer less active voltage quality regulator using FUZZY controller	International Journal of Electrical Engineering (IJEE)			
3	P.Bhaskara Prasad	Direct grid interconnection of Renewable energy system using high frequency link cascaded medium voltage converter	International Journal of Electrical Engineering (IJEE)	8		November 2015

Name of the faculty:O.Hemakesavulu

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	O.Hemakesavulu	Performance Comparison Of Induction Generators For Voltage Control And Reactive Power Support For Wind Power Systems	International Journal of Applied Engineering Research (IJAER)	10	3425-3430	2015
2	O.Hemakesavulu	Design And Analysis Of VSC's To Weak Grids Using Self Tuned Fuzzy Logic Control	International Journal of Applied Engineering Research		37545-37551	2015
3	O.Hemakesavulu	Impoverish of switches and voltage devices in a new cascaded multilevel inverter paradigm	International Journal Of Current Science (IJCS)			Sep 2015
5	O.Hemakesavulu	Improved active power filter performance for system renewable energy generation	International Journal of Current Science(IJCS)			Jan 2016
6	O.Hemakesavulu	Optimal placement of energy storage using partical swarm optimization with integrated power system	International Journal of Applied Engineering Research (IJAER)			Cot 2015
7	O.Hemakesavulu	Fuzzy based multi string seven level inverter for photovoltaic system	International Journal of Applied Engineering Research (IJAER)	10		Oct 2015

Name of the faculty: C.Ganesh

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	C.Ganesh	Control of wind energy conversion system and power quality improvement in the sub-rated region using extremism seeking	International Journal of Current Science(IJCS)	19	70-76	2015
2	C.Ganesh	Single-Stage Solar Power Conversion System with PV and battery Management by using fuzzy logic	International Journal of Current Science(IJCS)			Sep 2015
3	C.Ganesh	Mitigation of inter-area power oscillations by using UPFC control system with fuzzy controller and ST controller	International journal of current sciences(IJCS)	19		Jan 2016
4	C.Ganesh	Adaptive control and power management in a micro grid by using distribution grids	Indian journal of science and technology(IJST)	8		Nov2015
5	C.Ganesh	Improved droop control strategy for grid connected inverters	Indian journal of science and technology(IJST)	5		Jul 2015

Name of the faculty: S.Anupama

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	S.Anupama	Control of wind energy conversion system and power quality improvement in the sub-rated region using extremism seeking	International Journal of Current Science(IJCS)	10	70-76	2015
2	S.Anupama	Improvement of Power Quality Using Cascaded Voltage and Current Control for Inverter in Microgrids	International Journal of Electrical Engineering (IJEE)	8	173-184	Nov 2015
3	S.Anupama	Design And Analysis Of VSC's To Weak Grids Using Self Tuned Fuzzy Logic Control	International Journal of Applied Engineering Research	10	37545-37551	Nov 2015
4	S.Anupama	Mitigation Of Harmonics By Placing Series APF With Fuzzy Controller For 12 Pulse Converter Network	International Journal of Current Science(IJCS)	19	26-31	January 2016
5	S.Anupama	A novel single switch resonant power converter for renewable energy generation applications	International Journal of Electrical Engineering (IJEE)	10	70-76	January 2016
6	S.Anupama	Fuzzy based wind energy conversion system using hybrid wind battery for DC loads	International journal of electrical engineering(IJEE)	10	70-76	January 2016

Name of the faculty: S.SanjeevaRayudu

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	S.Sanjeeva Rayudu	Single-Stage Solar Power Conversion System with PV and batteryManagement by using fuzzy logic	International Journal of Current Science (IJCS)			Sep 2015
2	S.Sanjeeva Rayudu	Design of Electronically- coupled DistributedResource (DR) Unit under Islanding condition with Voltage/Frequency Control Strategy	International Journal of Electrical Engineering (IJEE)		185-207	Oct 2015
3	S.Sanjeeva Rayudu	A NewApproach To Solve Power Balancing Problem In GridCoupled PV System Using Slide Mode Control	Indian Society for Education and Environment (ISEE)			Jul 2015
4	S.Sanjeeva Rayudu	Analysis of superconducting fault current limiter in dc system with wind energy system	International Journal of Electrical Engineering. (IJEE)	8		Dec 2015

Name of the faculty: M.Pala Prasad Reddy

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	M.Pala Prasad Reddy	Interfacing Of Photovoltaic Cell to the Grid without Boost Converter	International Journal of Current Science(IJCS)	18	112-116	2015
2	M.Pala Prasad Reddy	Improvement Of Power Quality By Hybrid Energy Conversion System Using High Gain Integrated Boost Converter	International Journal of Electrical Engineering. (IJEE)	8	161-171	2015
3	M.PalaPrasad Reddy	Optimal placement of energy storage using particle swarm optimization with integrated power system	International Journal of Applied Engineering Research (IJAER)			Cot 2015
4	M.PalaPrasad Reddy	Inter facing of grid connected PV without Transformer	Global journal of trends in engineering journal	2		March 2015

Name of the faculty: S.Muqthiar Ali

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	S.Muqthiar Ali	Interfacing Of Photovoltaic Cell to the Grid without Boost Converter	International Journal of Current Science(IJCS)		70-76	2015
2	S.Muqthiar Ali	Reconfiguration with simultaneous DG installation to improve the Voltage Profile in Distribution Network using Harmony Search Algorithm	International Journal of Current Science(IJCS)		88-100	2015
3	S.Muqthiar Ali	Improved active power filter performance for system renewable energy generation	International Journal of Current Science(IJCS)			Jan 2016

4	S.Muqthiar Ali	Mitigation of voltage sag with transformer less active voltage quality regulator using FUZZY controller	International Journal of Electrical Engineering (IJEE)			
---	----------------	---	--	--	--	--

Name of the faculty:K..Harinath Reddy

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	K..Harinath Reddy	A Modified Control Method For a Dual Unified Power Quality Conditioner	International Journal of Electrical Engineering(IJEE)	8	239-251	2015
2	K.Harinath Reddy	Damping of oscillations by the addition of ST controller with UPFC control system	International conference on emerging trends in engineering research			Oct 2015
3	K..Harinath Reddy	Mitigation of inter-area power oscillations by using UPFC control system with fuzzy controller and ST controller	International journal of current sciences(IJCS)	19	56-65	January 2016
4	K..Harinath Reddy	Conventional DC voltage operating system for high speed traction power supplies using LLC-HPQC control	International Journal of Current Science(IJCS)	19		January 2016
5	K..Harinath Reddy	FUZZY based STATCOM control for power system voltage regulation	International conference on emerging trends in engineering research			Oct 2015
6	K..Harinath Reddy	Voltage regulation by adoptive PI control of STATCOM	International journal of engineering and applied sciences(IJEAS)	2	1-5	November 2015

7	K..Harinath Reddy	Maximum power tracking Scheme For synchronous wind power Generators	International Journal of Current Science(IJCS)	2 2	14-20	January 2016
---	-------------------	---	--	--------	-------	--------------

Name of the faculty: P.B.Chennaiah

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	P.B.Chennaiah	Design of Electronically-coupled Distributed Resource (DR) Unit under Islanding condition with Voltage/Frequency Control Strategy	International Journal of Electrical Engineering (IJEE)		185-207	Oct 2015
2	P.B.Chennaiah	Improvement Of Power Quality By Hybrid Energy Conversion System Using High Gain Integrated Boost Converter	International Journal of Electrical Engineering. (IJEE)		161-171	Oct 2015
3	P.B.Chennaiah	Deployment of distributed energy resources in distribution systems using fuzzified improved particle swarm optimization	International journal of applied engineering research(IJAER)	Volume:10	37218-37224	Nov 2015
4	P.B.Chennaiah	Compensation of voltage sag in series transformer by using DVR for preventing saturation	International Journal of Applied Engineering Research (IAER)			Oct 2015
5	P.B.Chennaiah	Optimal placement of SVC using fuzzy and FFA	International journal of current sciences(IJCS)	Volume:18	64-68	Oct 2015
6	P.B.Chennaiah	Fuzzy based wind energy conversion system using hybrid wind battery for DC loads	International journal of electrical engineering(IJEE)	Volume :8		January 2016

Name of the faculty: B.Murali Mohan

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	B.Murali Mohan	A Modified Control Method For a Dual Unified Power Quality Conditioner	International Journal of Electrical Engineering(IJEE)		239-25	Sept 2015
2	B.Murali Mohan	Direct grid interconnection of Renewable energy system using high frequency link cascaded medium voltage converter	International Journal of Electrical Engineering (IJEE)	Volume :8		November 2015
3	B.Murali Mohan	Voltage regulation by adoptive PI control of STATCOM	International journal of engineering and applied sciences	Volume :2		November 2015
4	B.Murali Mohan	Harmonic and unbalance compensation based on fuzzy logic control for electric traction systems	International journal of current sciences(IJCS)	Volume:19		Oct-2015.

Name of the faculty:S.Sarada

S.NO	Journal/Conference	Title	Month & year of publication	Page No	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	International Journal of Electrical Engineering (IJEE)	Improvement of Power Quality Using Cascaded Voltage and Current Control for Inverter in Microgrids	Jul 2015	pp. 173-184		International	Volume:8 Issue :2
2	Indian journal of science and technology(IJST)	Real time implementation of multilevel inverter for 3P4W Distribution network using ANFIS control	November 2015			National	H-Index:18 IC value:5.02 Volume:8

3	International Journal of Control Theory and Applications(IJCTA)	Simulation of Five Level Cascaded Inverter By Using Carrier Based Neutral Voltage Modulation Technique	January 2016			International	Volume 8, Issue 4 H Index:15
4	International Journal of Control Theory and Applications (IJCTA)	Implementation of Network Fault Tolerant VSC-HVDC Transmission System by Using Fuzzy Logic Controller	November 2015			International	Volume 8, Issue 4 H Index:15
5	International Conference on Emerging Trends in Engineering Research (ICETER)	Multilevel Cascaded Inverters Under Unbalanced DC Source With a Carrier- Based Neutral Voltage Modulation Strategy	October 2015.			International	
6	International Conference on Emerging Trends in Engineering Research (ICETER)	Implementation of Network Fault Tolerant VSC-HVDC Transmission System	October 2015			International	
7	International Journal of Current Science(IJCS)	Maximum power tracking Scheme For synchronous wind power Generators	January 2016			Internationa	Volume :2 H-INDEX:78

Name of the faculty:D.Sai Krishna Kanth

S.NO	Journal/Conference	Title	Month & year of publication	Page No	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	International Conference on Magnetics, Machines & Drives	Mitigation of Real Power Loss, THD & Enhancement of Voltage Profile with Optimal DG Allocation Using PSO & Sensitivity Analysis	2015	173-184	ISSN.NO 0974-2158	International	

Name of the faculty:N.Sreeramula Reddy

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	N. Sreeramula Reddy	Implementation of Floating Output Interleaved Input DC-DC Boost Converter	International Journal of Engineering	28	1-9	Sep 2015

Name of the faculty:P.SureshBabu

S.NO	Journal/Conference	Title	Month & year of publication	Page No	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	International Conference on Advanced Electrical Systems & Applications (ICAESA)	Minimization of Real Power Losses and Improvement of Voltage Profile Using Network Reconfiguration in the Presence of Distributed Generation	2015	216-224			
2	International Journal of Current Science(IJCS)	Reconfiguration with simultaneous DG installation to improve the Voltage Profile in Distribution Network using Harmony Search Algorithm	2015	88-100			Volume:19, Issue :2

3	International journal of applied engineering research(IJAER)	Deployment of distributed energy resources in distribution systems using fuzzified improved particle swarm optimization	Nov 2015	37218-37224			Volume:10 Issue :17
4	International journal of current sciences(IJCS)	Optimal placement of SVC using fuzzy and FFA	Oct 2015	64-68			Volume:18 H-Index:78 IC Value:5
5	Indian journal of science and technology(IJST)	Improved droop control strategy for grid connected inverters	July 2015				H-Index:18 Volume:8 Issue :18 IC value:5.02

Name of the faculty: M.Ramesh

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	M.Ramesh	A New Approach To Solve Power Balancing Problem In Grid Coupled PV System Using Slide Mode Control	Indian Society for Education and Environment	8	1-8	Jul 2015
2	M.Ramesh	Distribution system protection using parallel resonance fault current limiter for a three phase system	International journal of engineering and Applied sciences	2	96-102	Nov 2015

Name of the faculty: CH. Lenin Babu

S.NO	Journal/Conference	Title	Month & year of publication	Page Nos	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	Indian journal of science and technology(IJST)	Adaptive control and power management in a micro grid by using distribution grids	November 2015		ISSN.NO 0974-6846		H-Index:18 I.C value:5.02 Volume:8
2	International Journal of Current Science(IJCS)	Conventional DC voltage operating system for high speed traction power supplies using LLC-HPQC control	January 2016		ISSN.NO 2250-1770	International	Volume No:8 Issue:1
3	(IAETSD)	Asymmetrical dc-link voltage balance of cascaded two level inverter based multi level	October 2015			International	
4	International Journal of Electrical Engineering (IJEE)	A new cascaded multilevel STATCOM using fuzzy controller for high power applications	January 2016		ISSN.NO 0974-2158	International	Volume 9, issue 1 H-Index:7

Name of the faculty: L. Baya Reddy

S.NO	Journal/Conference	Title	Month & year of publication	Page Nos	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	Indian journal of science and technology(IJST)	Real time implementation of multilevel inverter for 3P4W Distribution network using ANFIS control	November 2015		ISSN.NO 0974-6846	National	H-Index:18 IC value:5.02 Volume:8
2	International Journal of Control Theory and Applications (IJCTA)	Implementation of Network Fault Tolerant VSC-HVDC Transmission System by Using Fuzzy Logic Controller	November 2015		ISSN.NO 0974-5572	International	Volume 8, Issue 4 H Index:15

3	International Conference on Emerging Trends in Engineering Research (ICETER)	Implementation of Network Fault Tolerant VSC-HVDC Transmission System	October 2015		ISBN NO: 978-1514782-128	International	
4	International Journal of Control Theory and Applications	A stand-Alone wind energy conversion system with FLC based proficient UPF rectifier	Number 2015	pp. 1-10	ISSN NO : 0974-5572	International	Volume 8, Issue 4 H Index:15
5	International Journal of Current Science	Harmonic and unbalance compensation based on Fuzzy logic control for electric railway system	October 2015		ISSN: 00113891	International	Volume No 19 H Index: 78

Name of the faculty: S.Mahaboob Basha

S.NO	Journal/Conference	Title	Month & year of publication	Page Nos	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	International Journal of Current Science(IJCS)	Mitigation Of Harmonics By Placing Series APF With Fuzzy Controller For 12 Pulse Converter Network	January 2016		ISSN NO: 2250-1770)	International	H index-78 Volume 19, issue1
2	International Conference on Emerging Trends in Engineering Research	Medium Voltage Series Connected 12 Pulse Converter Voltage Harmonic Compensation Using Series APF With Front End Transformer Configuration	Oct 2015		ISBN NO: 978-1514782-128	International	
3	International Journal of Electrical Engineering (IJEE)	A novel single switch resonant power converter for renewable energy generation applications	January 2016		ISSN.NO 0974-2158	International	Volume 8, issue 4 H-Index:7

4	International Journal of Electrical Engineering (IJEE)	A new cascaded multilevel STATCOM using fuzzy controller for high power applications	January 2016		ISSN.NO 0974-2158	International	Volume 9, issue 1 H-Index:7
---	--	--	--------------	--	----------------------	---------------	-----------------------------------

Name of the faculty: R. Madhan Mohan

S.NO	Journal/Conference	Title	Month & year of publication	Page Nos	ISSN NO/ ISBN NO	National/ International	Volume ,Index & Issue No
1	International Conference on Emerging Trends in Engineering Research (ICETER)	Multilevel Cascaded Inverters Under Unbalanced DC Source With a Carrier- Based Neutral Voltage Modulation Strategy	October 2015.		ISBN NO: 978- 1514782-128	International	
2	International Journal of Control Theory and Applications(IJCTA)	Simulation of Five Level Cascaded Inverter By Using Carrier Based Neutral Voltage Modulation Technique	January 2016	1357-1371	ISSN.NO 0974-5572	International	Volume: 8 Issue: 4 H Index:15
3	International journal of engineering and applied sciences(IJEAS)	Power loss reduction in radial distribution system by optimal capacitor placement to distribution transformer	January 2016	89-95	ISSN.NO 2249-6645	International	Volume: 2 Issue:11 H Index:9

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, RAJAMPET
(AN AUTONOMOUS INSTITUTION)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
STAFF JOURNAL PUBLICATIONS (2014-15)

Name of the faculty: **DR.M.PADMA LALITHA, Professor & HOD**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of publication
1	Dr.M.Padma Lalitha	An Auxiliary Fuzzy Logic Controller for Mitigating Low Frequency Oscillations.	International Journal of Computer Science and Information Security (IJCSIS)	12	13-18	Nov 2014
2	Dr.M.Padma Lalitha	Fuzzy Controller based MPFC for Power Quality Enhancement in an Electric Grid	International Journal of Basic and Applied Engineering Research	1	34-38	Oct-Dec 2014
3	Dr.M.Padma Lalitha	Congestion Management By Fuzzy Based Optimal Location of UPFC in Deregulated Power Sector	International Journal of Applied Engineering Research		29063-29073	2014

Name of the faculty: **O.HEMAKESAVULU**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	O.Hema Kesavulu	Simulation Of Fuzzy Logic Controller Based Matrix Converter DTC-SVM Method For Induction Motor Drive	International Journal of Computer Engineering and Applications	7	98-111	July- 2014
2	O.Hema Kesavulu	Analysis Of Different Control Techniques To Obtain Maximum Voltage Conversion Ratio Of Matrix	International Journal of Computer Engineering and Applications,	7	52-62	September 14

Name of the faculty: **B.MURALI MOHAN**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	B.Murali Mohan	Dynamic modeling and control of grid connected hybrid wind/PV generation system	International journal of Engineering Research and Development		1-12	June 2014
2	B.Murali Mohan	International journal of Engineering Research and Development	Designing and Controlling of isolated wind-hydro system with BESS	Aug - 2014		

Name of the faculty: **P.BHASKARA PRASAD**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	P. Bhaskara Prasad	Current Based Model of UPFC and DG for Loss Reduction and Voltage Profile Improvement	International Journal of Engineering Research and Development			September 2014

Name of the faculty: **K.HARINATH REDDY**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	K.Harinath Reddy	Low frequency oscillations damped by using D-Facts controller	International Journal of computer science and information security	12	62-69	Nov 2014
2	K.Harinath Reddy	Regulation In Micro Grids To Ensure Maximum Power Point Tracking	International Journal of Applied Engineering and Research	19		Dec 14
3	K.Harinath Reddy	Modeling and Simulation Of SRF Control Based Shunt Active Power Filter and Application to BLDC Drive	International Journal of Computer Science and Information Security	12	33-38	November 2014
4	K.Harinath Reddy	Ups Supported By Fuel Cell And Micro Turbine Energy System Based On Buck-Boost Converter For Telecom Industry	International Organization of Scientific Research , (IOSR)	4	28-38	August. 2014
5	K.Harinath Reddy	Ups Supported By Fuel Cell And Micro Turbine Energy System Based On Buck-Boost Converter	International Journal of Applied Engineering Research (IJAER)	9		December- 2014

6	K.Harinath Reddy	Optimal Location and Size of Distributed Generations Using Kalman Filter Algorithm for Reduction of Power Loss and Voltage Profile Improvement	International Journal of Engineering Research and Development	10	19-28	September 2014
---	------------------	--	---	----	-------	----------------

Name of the faculty: **R.MADHAN MOHAN**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	R.Madhanmohn	Comparison of voltage sag and swell detection algorithms in power system	International Journal of engineering research and development	10	29-35	Aug 2014
2	R.Madhanmohn	UPS supported by fuel cell and micro turbine energy system based on buck – boost converter for telecom industry	International organization of scientific research	04	28-38	Aug 2014
3	R.Madhanmohn	An improved control strategy to micro grid load demand sharing	International Journal of Emerging Trends in Electrical and Electronics	10	45-54	Oct. 2014

Name of the faculty: **C.GANESH**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	C.Ganesh	Transient Stability Enhancement during Damping of Low Frequency Oscillations of a Multi-Machine Power System using Adaptive Neuro – Fuzzy Controller for FACTS devices.	International Journal of Latest Trends in Engineering and Technology	10	PP.25-35	July 2014

2	C.Ganesh	An Auxiliary Fuzzy Logic Controller for Mitigating Low Frequency Oscillations.	International Journal of Computer Science and Information Security (IJCSIS)	12	PP.13-18	Nov 2014
3	C.Ganesh	Analysis Of Different Control Techniques To Obtain Maximum Voltage Conversion Ratio Of Matrix Converter	International Journal of Computer Engineering and Applications	7	PP.52-58	Sep 14
4	C.Ganesh	Simulation Of Fuzzy Logic Controller Based Matrix Converter DTC-SVM Method For Induction Motor Drive	International Journal of Computer Engineering and Applications	7	PP.98-111	Sep 14
6	C.Ganesh	Transient Stability Enhancement during Damping of Low Frequency Oscillations of a Multi-Machine Power System using Adaptive Neuro – Fuzzy Controller for FACTS devices.	International Journal of Computer Science and Information Security,	12	PP.33-38	Nov 2014

Name of the Faculty: **S. ANUPAMA**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	S. Anupama	Reduction of Voltage Imbalance in a two Feeder Distribution System Using IUPQC	International Journal of Engineering Research & Development (IJERD)	10	01 to 15	July 2014
2	S. Anupama	Fuzzy Controller based MPFC for Power Quality Enhancement in an Electric Grid	International Journal of Basic and Applied Engineering Research	1	34 to 38	October- December 2014
3	S. Anupama	Fuzzy Controller Based Dynamic Voltage Compensation Scheme for Smart Electric Grid Stabilization	International Journal of Engineering Research & Development (IJERD)	10	07 to 14	September 2014

4	S. Anupama	AC Transmission With Low Frequency for Renewable Energy Sources in Offshore Location	International Journal of Computer Science & Information Security (IJCSIS)	12	27 to 32	Nov 2014
5	S. Anupama	Modeling and simulation of SRF control based shunt active power filter and application to BLDC drive	International Journal of Computer Science & Information Security (IJCSIS)	12	6-12	Nov 2014
6	S. Anupama	Power flow enhancement using fuzzy based power converter connected to DG fed distribution network	International Journal of Computer Science & Information Security (IJCSIS)	12	19-26	Nov 2014

Name of the Faculty: **P. SURESH BABU**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	P. Suresh Babu	Optimal Location and Size of Distributed Generations Using Kalman Filter Algorithm for Reduction of Power Loss and Voltage Profile Improvement	International journal of Engineering Research and Development		19-28	Sept-2014
2	P. Suresh Babu	Application of Loop Power Controller and Fuel Cell System Distribution Feeders for Load Balancing	Advanced Research in Electrical and Electronic Engineering		90-94	Oct-Dec-2014
3	P. Suresh Babu	Congestion Management By Fuzzy Based Optimal Location of UPFC in Deregulated Power Sector	International Journal of Applied Engineering Research		29063-29073	2014

4	P. Suresh Babu	Minimization of Real Power Losses and Improvement of Voltage Profile Using Network Reconfiguration in the Presence of Distributed Generation	Global Journal of Trends in Engineering			March-2015
---	----------------	--	---	--	--	------------

Name of the Faculty: **S. SARADA**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	S. Sarada	International Journal of Engineering Research and Development (IJERD)	Reduction of Voltage Imbalance in a Two-Feeder Distribution System using IUPQC	10	1-15	July 2014
2	S. Sarada	International Journal of Applied Engineering Research (IJEAR)	Fuzzy Logic Based Matrix Converter and Unified Power quality Conditioner for Frequency Regulation and Power Quality Improvement	9	27027-27040	Dec 2014
3	S. Sarada	International Journal of Computer Science and Information Security (IJCSIS)	Low Frequency Oscillation Damped by using D-Facts Controller	12	62-69	Nov 2014
4	S. Sarada	International Journal of Computer Science and Information Security (IJCSIS)	Battery Energy Storage System in DFIG Based Wind Energy Conversion System	12	44-52	Nov. 2014

Name of the faculty: **M. PALA PRASAD REDDY**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	M. Pala Prasad Reddy	Adaptive Network Based Fuzzy Logic Control of a Single Flexible-Link Manipulator	International Journal of Engineering Studies		155-167	Nov 2012
2	M. Pala Prasad Reddy	Precise Non-linear Modeling of Flexible-Link Flexible-Joint Manipulator	International Review on Modeling and simulation		1368-1374	Nov 2012
3	M. Pala Prasad Reddy	Accurate Modeling and Nonlinear Finite Element Analysis of a Flexible-Link Manipulator	International Journal of Mechanical, Industrial Science and Engineering		174-179	2014

Name of the faculty: **S. MAHABOOB BASHA**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
1	S. Mahaboob Basha	Battery Energy Storage System in DFIG Based Wind Energy Conversion System	International Journal of Computer Science and Information Security		44-52.	November 2014

Name of the faculty: **D. SAI KRISHNA KANTH**

S.NO	Author Name	Title	Name of the Journal	Volume No.	Page No	Month & year of Publication
	D. SAI KRISHNA KANTH	Simultaneous Network Reconfiguration and DG placement for Active Power loss minimization in Radial Distribution System	International Journal of Scientific Engineering and Technology Research (IJSETR)	4	2234-2239	May 2015

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES, RAJAMPET
(AN AUTONOMOUS INSTITUTION)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

STAFF JOURNAL PUBLICATIONS (2013-14)

Name of the faculty: **Dr.M.Padma Lalitha**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	Dr.M.Padma Lalitha	A Mitigation Technique for Inrush Currents in Load Transformers for the Voltage Sag Compensator	International Journal of Engineering Research and Application (IJERA)	3	648-654	Sep-Oct 2013
2	Dr.M.Padma Lalitha	Optimal DG placement for Loss Reduction, Voltage Profile improvement and THD Reduction using PSO and Sensitivity Analysis	International Journal of Systems, Applications and Algorithms (IJSAA)		35-39	Jun 2013
3	Dr.M.Padma Lalitha	Wind Energy Conversion System using Fuzzy Controlled STATCOM for Power Quality Improvement	International Journal of Electrical Engineering and Technology (IJEET)	4	108-117	Jul-Aug 2013
4	Dr.M.Padma Lalitha	Enhancement of Voltage Stability by using FACTS under Normal and Transient Conditions	International Journal of Electrical, Electronics and Data Communication		81-84	

5	Dr.M.Padma Lalitha	Enhancement of Voltage Stability by using FACTS under Normal & Post-Fault Steady State Conditions	Journal of Electrical & Electronic Systems			Sep 2013
6	Dr.M.Padma Lalitha	Power Quality Improvement of 1- ϕ utility grid connected PWM Inverter using Back Propagation Neural Network with Hysteresis Current Controller	International Journal of Electronic and Electrical Engineering (IJEED)	6	99-110	Nov 2013
7	Dr.M.Padma Lalitha	Siting & Sizing of DG for Power Loss & THD Reduction, Voltage Improvement using PSO & Sensitivity Analysis	International Journal of Engineering Research and Development (IJERD)		01-07	Dec 2013
8	Dr.M.Padma Lalitha	Siting and sizing of DG for loss reduction and voltage sag mitigation in RDS using ABC algorithm	International Journal of Electrical and Computer Engineering	3	8-14	Dec 2013
9	Dr.M.Padma Lalitha	Enhancement of Voltage Stability by optimal Location of UPFC using MPSO and Power Flow Analysis using ECI Algorithm	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)		41-47	Jan 2014
10	Dr.M.Padma Lalitha	Improvement of Voltage Quality of Micro Turbine Generator with Matrix Converter & Venturini Techniques	International Journal of Engineering Research and Development		41-49	Jan 2014
11	Dr.M.Padma Lalitha	Power Quality Improvement using ANN Logic Based UPQC	International Journal of Engineering Research and Development		09-14	Jan 2014
12	Dr.M.Padma Lalitha	Distribution System Network Reconfiguration by using Artificial Bee Colony Algorithm	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	9	48-52	Jan 2014

13.	Dr.M.Padma Lalitha	Optimal Performance Enhancement of Capacitor in Radial Distribution System using Fuzzy and HAS	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)		26-32	Mar-Apr 2014
14	Dr.M.Padma Lalitha	Identification of instability and its Enhancement through the optimal placement of FACTS using L-index method	Journal of Theoretical and applied information technology	6	616-622	Mar-Apr 2014

Name of the faculty: **O.Hemakesavulu**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	O.Hema kesavulu	Wind Energy Conversion System using Fuzzy Controlled STATCOM for Power Quality Improvement	International Journal of Electrical Engineering and Technology (IJEET)		108-117	Jul-Aug 2013
2	O.Hema kesavulu	Power Quality Improvement using Fuzzy Controlled STATCOM	Proceedings of National Conference on Advances and Applications in Power Systems, Power Electronics and Solar Energy			Oct 2013
3	O.Hema kesavulu	RAC and FLC Strategies of SAPF for power quality improvement	Proceedings of International Academic Conference on Electrical, Electronics and Computer Engineering (IACEECE)		60-68	Oct 2013
4	O.Hema kesavulu	Economic Load Dispatch Problem with Valve-Point Effect using a Binary Bat Algorithm	ACEEE International Journal on Electrical and Power Engineering		33-38	Nov 2013
5	O.Hema kesavulu	Power Oscillation Damping using hybrid SSSC in a transmission line	Proceedings of International Academic Conference on Electrical, Electronics and Computer		52-59	Oct 2013

			Engineering (IACEECE)			
6	O.Hema kesavulu	Optimal Placement of DSTATCOM for Voltage Sag Mitigation using AN ANFIS Based Approach for Power Quality Enhancement	Proceedings of International Academic Conference on Electrical, Electronics and Computer Engineering (IACEECE)		109-114	Oct 2013
7	O.Hema kesavulu	RAC and FLC Strategies of SAPF for Harmonic Reduction, P.F Correction in Distribution System	International Journal of Engineering and Innovative Technology (IJEIT)		153-162	Dec 2013

Name of the faculty: **B. Murali Mohan**

S.No	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	B. Murali Mohan	Optimal Placement of DSTATCOM for Voltage Sag Mitigation using AN ANFIS Based Approach for Power Quality Enhancement	Proceedings of International Academic Conference on Electrical, Electronics and Computer Engineering (IACEECE)		109-114	Oct 2013
2	B. Murali Mohan	Single Phase Inverter with a Novel Power Quality Control Strategy in DG Systems	International Conference of Electrical, Electronics Computer Sciences and Mechanical Engineering (ICEECSME)		43-46	Nov 2013
3	B. Murali Mohan	A Novel Power Quality Control Strategy in DG Systems with Single Phase Inverter	International Journal of Engineering Research and Development (IJERD)		34-40	Jan 2014
4	B. Murali Mohan	Single-Phase Inverter with a Novel Power Quality Control Strategy in DG Systems	International Journal of Advances in Science Engineering and Technology		17-20	Jan 2014

Name of the faculty: **P.B.Chennaiah**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	P.B.Chennaiah	Improved Performance by the impact of unified power flow controller on transmission system	International Journal of Engineering Research & Technology (IJERT)		400-406	Oct 2013
2	P.B.Chennaiah	Optimization of Real Power Losses and Voltage Stability Limit Enhancement by using Bacteria Foraging Algorithm	International Journal of Engineering Research and Development		43-51	Jan 2014
3	P.B.Chennaiah	Real Power Losses minimization and Voltage Stability Limit Enhancement by using shuffled frog leap Algorithm	IOSR journal of Electrical and Electronics Engineering(IOSR-JEEE)		34-40	Jan 2014
4	P.B.Chennaiah	Imperialistic Competitive Algorithm based Solution to optimize both Real Power Loss and Voltage Stability Limit	International Journal of Engineering Research and Development		06-12	Jan 2014
5	P.B.Chennaiah	Optimal Location of SVC for real power loss minimization and voltage stability enhancement using harmony search algorithm	International Journal of Electrical Engineering & Technology (IJEET)		26-34	Jan 2014

6	P.B.Chennaiah	ABC algorithm for voltage stability enhancement in power system	International journal of applied engineering research		8287-8292	2014
7	P.B.Chennaiah	Imperialistic Competitive Algorithm based Solution to optimize both Real Power Loss and Voltage Stability Limit	International Journal of Engineering Research and Development (IJERD)		06-12	Jan 2014
10	P.B.Chennaiah	Optimization of Real Power Losses and Voltage Stability Limit Enhancement by using Bacteria Foraging Algorithm	International Journal of Engineering Research and Development (IJERD)		43-51	Jan 2014

Name of the Faculty: **S. ANUPAMA**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	S. Anupama	Application of Fuzzy Logic Controller in UPFC to Mitigate THD in Power Systems	International Journal of Engineering Research and Development(IJERD)	9	25-33	Jan 2014
2	S. Anupama	Economic Load Dispatch Solutions including Transmission Losses using MOPSO	International Journal of Engineering Research & Development (IJERD)	9	15- 23	Feb 2014

Name of the Faculty: **P. Bhaskara Prasad**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	P.Bhaskara Prasad	Performance of PV grid connected system using improved MPPT based on VOC	International Journal of Electrical and Electronic Engineering & Telecommunications (IJEETC)		99-107	Jan 2013
2	P.Bhaskara Prasad	Stability and Power Quality Improvement of 1- ϕ utility grid connected PWM Inverter using ANN with hysteresis current controller	Proceedings of International Academic Conference on Electrical, Electronics and Computer Engineering (IACEECE)		18-21	Sep 2013
3	P.Bhaskara Prasad	Power Quality Improvement of 1- ϕ utility grid connected PWM Inverter using Back Propagation Neural Network with Hysteresis Current Controller	International Journal of Electronic and Electrical Engineering (IJEEE)		99-110	Nov 2013
4	P.Bhaskara Prasad	DSTATCOM with Fuzzy Logic Controller for Enhancing Steady-State and Quality Performances	International Journal of Latest Trends in Engineering and Technology		92-99	Nov 2013
6	P.Bhaskara Prasad	Improving Transient Stability with Fuzzy Logic Controller and Distributed Static Series Compensator	International Journal of Latest Trends in Engineering and Technology		69-74	Nov 2013

7	P.Bhaskara Prasad	DSTATCOM With Fuzzy Controller for Power Quality Enhancement in Distribution Systems	International Journal of Advances in Science Engineering and Technology	1	21-23	Jan 2014
8	P.Bhaskara Prasad	Application of Distributed Static Series Controller (DSSC) Modified With Fuzzy Logic and ANFIS Controllers as Auxiliary Controller in Extenuation of Sub-Synchronous Resonance	IJERD			2014
9	P.Bhaskara Prasad	Fuzzy Logic Controller Based DSSC For Minimizing Transient Stability Problem In Power Systems	International Journal of Advances in Science Engineering and Technology	1		Jan.-2014

Name of the faculty: **P.Harshavardhan Reddy**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	P.Harshavardhan Reddy	Enhancement of Voltage Stability by using FACTS under Normal and Transient Conditions	International Journal of Electrical, Electronics and Data Communication		81-84	
2	P.Harshavardhan Reddy	Optimal DG placement for Loss Reduction, Voltage Profile improvement and THD Reduction using PSO and Sensitivity Analysis	International Journal of Systems, Applications and Algorithms (IJSAA)	3	35-39	Jun 2013
3	P.Harshavardhan Reddy	Enhancement of Voltage Stability by using FACTS under Normal & Post-Fault Steady State Conditions	Journal of Electrical & Electronic Systems			Sep 2013

4	P.Harshavardhan Reddy	A Mitigation Technique for Inrush Currents in Load Transformers for the Voltage Sag Compensator	International Journal of Engineering Research and Application (IJERA)		648-654	Sep-Oct 2013
5	P.Harshavardhan Reddy	Enhancement of Voltage Stability by optimal location of UPFC using MPSO and Power Flow Analysis using ECI Algorithm	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)		41-47	Jan 2014

Name of the faculty: **K.Harinath Reddy**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	K.Harinath Reddy	Economic Load Dispatch Problem with Valve-Point Effect using a Binary Bat Algorithm	ACEEE International Journal on Electrical and Power Engineering	4	1-7	Nov 2013
3	K.Harinath Reddy	Dynamics of Load Voltage Control using DSTATCOM and DVR Compensators	International Journal of Latest Trends in Engineering and Technology	3	61-68	Nov 2013
4	K.Harinath Reddy	RAC and FLC Strategies of SAPF for Harmonic Reduction, P.F Correction in Distribution System	International Journal of Engineering and Innovative Technology (IJEIT)	3	153-162	Dec 2013
5	K.Harinath Reddy	Application of Fuzzy Logic Controller in UPFC to Mitigate THD in Power Systems	International Journal of Engineering Research and Development (IJERD)	9	25-33	Jan 2014

6	K.Harinath Reddy	DSTATCOM With Fuzzy Controller for Power Quality Enhancement in Distribution Systems	International Journal of Advances in Science Engineering and Technology	1	21-23	Jan 2014
7	K.Harinath Reddy	Power Quality Enhancement in Distribution Systems using D-STATCOM with Fuzzy Controller	International Journal of Engineering Research and Development (IJERD)	9	24-29	Jan 2014
8	K.Harinath Reddy	Economic Load Dispatch Problem With Valve-Point Effect Using A Binary Bat Algorithm	International Journal of Electrical and Computer Engineering (IJECE)		101-107	February 2014

Name of the faculty: **C.GANESH**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	C.Ganesh	Improving Transient Stability with Fuzzy Logic Controller and Distributed Static Series Compensator	International Journal of Latest Trends in Engineering and Technology	3	69-74	Nov 2013
2	C.Ganesh	Modeling and Analysis of UPFC connected Single Machine System with PSS design using Sliding Mode Control Technique	International Journal of Recent Advance in Engineering and Technology (IJRAET)	1	79-83	Nov 2013
3	C.Ganesh	Dynamics of Load Voltage Control using DSTATCOM and DVR Compensators	International Journal of Latest Trends in Engineering and Technology	3	61-68	Nov 2013

4	C.Ganesh	Fuzzy Logic controller based DSSC for minimizing transient stability problem in power systems	International Journal of Advances in Science Engineering and Technology	1	9-12	Jan 2014
5	C.Ganesh	Improving Power Quality by Simultaneous Compensation Voltage and Current in a Multi Bus Multi Feeder System using MC-UPQC	International Journal of Recent Advance in Engineering and Technology (IJRAET)	1	106-112	Nov 2013

Name of the Faculty: **P. SURESH BABU**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	P.Suresh babu	Improved Performance by the impact of unified power flow controller on transmission system	International Journal of Engineering Research & Technology (IJERT)		400-406	Oct 2013
2	P.Suresh babu	Reconfiguration of distribution system network with distributed generation for loss reduction using Artificial Bee Colony Algorithm	International Journal of Recent Advance in Engineering and Technology (IJRAET)		135-139	Nov 2013
3	P.Suresh babu	DSTATCOM with Fuzzy Logic Controller for Enhancing Steady-State and Quality Performances	International Journal of Latest Trends in Engineering and Technology		92-99	Nov 2013
4	P.Suresh babu	Siting & Sizing of DG for Power Loss & THD Reduction, Voltage Improvement using PSO & Sensitivity Analysis	International Journal of Engineering Research and Development (IJERD)		01-07	Dec 2013

5	P.Suresh babu	A Novel Power Quality Control Strategy in DG Systems with Single Phase Inverter	International Journal of Engineering Research and Development (IJERD)		34-40	Jan 2014
6	P.Suresh babu	Imperialistic Competitive Algorithm based Solution to optimize both Real Power Loss and Voltage Stability Limit	International Journal of Engineering Research and Development (IJERD)		06-12	Jan 2014
7	P.Suresh babu	Power Quality Enhancement in Distribution Systems using D-STATCOM with Fuzzy Controller	International Journal of Engineering Research and Development (IJERD)		24-29	Jan 2014
8	P.Suresh babu	Distribution System Network Reconfiguration by using Artificial Bee Colony Algorithm	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)		48-52	Jan 2014
9	P.Suresh babu	Optimal Performance Enhancement of Capacitor in Radial Distribution System using Fuzzy and HAS	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)		26-32	Mar-Apr 2014
10	P.Suresh babu	Siting & Sizing of Dg for Power Loss & THD Reduction, Voltage Improvement Using Pso & Sensitivity Analysis	International journal of Engineering Research and Development		1-7	Dec-2013

Name of the Faculty: **S. Sarada**

S.No	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	S. Sarada	Improving Power Quality by Simultaneous Compensation Voltage and Current in a Multi Bus Multi Feeder System using MC-UPQC	International Journal of Recent Advance in Engineering and Technology (IJRAET)	1	106-112	Nov 2013
2	S. Sarada	Modeling and Analysis of UPFC connected Single Machine System with PSS design using Sliding Mode Control Technique	International Journal of Recent Advance in Engineering and Technology (IJRAET)	1	15-24	Nov 2013
3	S. Sarada	Reactive Power Compensation and harmonic elimination by Fuzzy Logic Controlled shunt active Power filter	International Journal of Recent Advance in Engineering and Technology (IJRAET)	1	15-24	Oct 2013

Name of the faculty: **S. Mahaboob Basha**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	S. Mahaboob Basha	Battery Energy Storage System in DFIG Based Wind Energy Conversion System	(IJCSIS) International Journal of Computer Science and Information Security	3	44-52	November 2014

Name of the Faculty: **S. Muqthiar Ali**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1.	S. Muqthiar Ali	An Integrated Hybrid Power Supply by using CUK and SEPIC Converters	International Conference on Global Engineering, Science and Technology (ICGEST)		150-154	Nov 2013
2.	S. Muqthiar Ali	An Integrated Hybrid Power Supply by using CUK and SEPIC Converters	International Journal of Recent Advances in Engineering and Technology (IJRAET)		41-49	Nov 2013
3	S. Muqthiar Ali	Improvement of Voltage Quality of Micro Turbine Generator with Matrix Converter & Venturini Techniques	International Journal of Engineering Research and Development		09-14	Jan 2014
4	S. Muqthiar Ali	Power Quality Improvement using ANN Logic Based UPQC	International Journal of Engineering Research and Development		74-78	Jan 2014
5	S. Muqthiar Ali	Power Quality Improvement using ANN Logic Based UPQC for Harmonic Distortion	Proceedings of International Conference on Electrical, Electronics and Communication Engineering(ICEECE)			Jan 2014

Name of the faculty: **M. Pala Prasad Reddy**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	M. Pala Prasad Reddy	Accurate Modeling and Nonlinear Finite Element Analysis of a Flexible-Link Manipulator	International Journal of Mechanical, Industrial Science and Engineering World Academy of Science, Engineering and Technology	8	174-179	Jan 2014

Name of the faculty: **D. Sai Krishna Kanth**

S.NO	Author name	Title of Paper	Name of the Journal	Volume	Page No	Month & year of publication
1	D. Sai Krishna Kanth	Optimal DG placement for Loss Reduction, Voltage Profile improvement and THD Reduction using PSO and Sensitivity Analysis	International Journal of Systems, Applications and Algorithms (IJSAA)	3	35-39	Jun 2013
2	D. Sai Krishna Kanth	Siting and Sizing of DG for power loss & THD reduction, Voltage improvement using PSO & Sensitivity Analysis	International Journal of Engineering Research and Development (IJERD)	9	1-7	December 2013
3	D. Sai Krishna Kanth	Simultaneous Network Reconfiguration and DG placement for Active Power loss minimization in Radial Distribution System	International Journal of Scientific Engineering and Technology Research (IJSETR)	4	2234-2239	May 2015