

BIO-DATA

- (1) Name in full : Dr. M. DAMODAR REDDY
(2) Designation : Professor
(3) E-mail id : mdreddy999@gmail.com
(4) Date of Birth : 01-07-1967



(5) Academic Credentials

Degree	University	Year	Field of Specialization
B.Tech	S.V. University	1989	E.E.E.
M.Tech	S.V. University	1992	P.S.O.C.
Ph.D	S.V. University	2008	E.E.E.

(6) Experience: 31 Years

Organization	Designation	Period
Sri Venkateswara University College of Engineering, Sri Venkateswara University, Tirupati	Professor	01-01-2009 to till date
	Associate Professor	10-09-2003 to 31-12-2008
	Assistant Professor (Lecturer)	03-09-1992 to 09-09-2003

(7) Administrative/Academic Positions held:

S.No	Position	Period
1	Vice-Principal & Warden, S.V.U.C.E.	01-07-2023 to Till date
2	Dean, Information Technology Cell, SV University	June, 2021 to till date
3	Nodal Officer Procurement, TEQIP-III-1.3,	July, 2017 to Feb, 2022
4	Chairman, BOS (UG), EEE	Aug-2020 to Dec 2021
5	Member, Academic Senate, SV University	23-12-2013 to 31-3-2019
6	Chairman, BOS (PG), EEE	06-08-2016 to 28-05-2018
7	Head, Department of EEE	01-08-2014 to 31-12-2015
8	Chairman, BOS (PG), EEE	20-09-2013 to 27-09-2014
9	Chairman, BOS (UG) PASS, EEE	14-02-2012 to 19-09-2013
10	Co-ordinator, Career and Counselling Cell, SV University	Jan-2012 to Feb- 2014
11	Public Relations officer, S.V.University	Nov 2004 to Feb 2006

(8) Awards/honors/Fellowships etc.:

S.No.	Award/Fellowships
1	Best Teacher Award – Government of Andhra Pradesh -2023 on 05-09-2023
2	Teacher of Excellence Award – Sri Venkateswara University. Sep-2022
3	“Best Post of the Day” by IIT Bombay in DTITLP MOOC Course – April 2020
4	Best Paper Award in ICAET-2012
5	Best Paper in National conference NCACS-2010
6	Best Paper in Session-III- National conference on Power Engineering and Process Control - 2007

(9) Patents:

S.No.	Patents	Status
1	Innovation Australian Patent – “An Efficient and automated Smart heating bucket” Patent No-2020103897	Awarded
2	An Indian Design Patent – “Digitalized Water Tap” Application No-339842-001 CBR No-201021 dated 26-02-2021	Filed

(10) Ph.D Guidance:

S.No	Name of the Student	Dept	Year of Registration	Status
1	P. Ramesh	EEE	2010	Awarded
2	V. Chandra Jagan Mohan	EEE	2010	Awarded
3	A.V. Sudhakara Reddy	EEE	2014	Awarded
4	M. Laxmi Devi Ramanaiah	EEE	2014	Awarded
5	M. Ramprasad Reddy	EEE	2010	Awarded
6	C. Manoj	CSE	2010	Awarded
7	Y.Venkata Krishna Reddy	EEE	2016	Awarded
8	Devi Sree Chippada	EEE	2014	Awarded
9	P. Suresh Babu	EEE	2016	Ready for Pre-Talk
10	Ganesh. C	EEE	2016	In progress
11	M. Rudra Narayana	EEE	2019	In Progress
12	Pagadala Rama Krishna	EEE	2020	In progress
13	Chavanaboyina Kavya Sruthi	EEE	2020	In Progress
14	Venkata Anjani Kumar G	EEE	2020	In Progress
15	K Venkataravindra	EEE	2020	In Progress
16	K.R.S.S.Prasad	EEE	2022	In progress

(11) M.Tech dissertations guided - Completed

S. No	Name of the Student	Title	Year of Regn	Degree awarded
43	K. Ambica	Fault Detection in Transmission System Based on AI-Approach	2020	2023
42	Shaik Zalaluddin Mohammed Akbar	Optimal Scheduling Of EVs In Radial Distribution System Using Optimization Techniques	2020	2023
41	M. Divya	Grid Power Management with Fuzzy Logic Based MPPT with Hybrid power Energy system	2016	2020
40	S. Naresh	Optimal Power Flow Solution Using Crow Search Algorithm	2011	2019
39	J. Phaneendra	Particle Swarm Optimization based Dynamic Economic Dispatch with Valve-Point Effects	2016	2019
38	G.Yehescale	A New Strategy for Solving Unit Commitment Problem by PSO algorithm	2015	2017
37	T.Chandra Sekhar	Optimal Placement of Static Series Voltage Regulator in Distribution System for Voltage improvement Using Particle Swarm Optimization	2014	2017
36	R.Swetha	Optimal Placement of UPFC and SVC in Transmission Networks using Moth Swarm Algorithm	2014	2017
35	C.Ramya	Combined Economic Emission Dispatch with the Effect of Valve Point Loading Using Flower Pollination Algorithm	2014	2017
34	S.Bharathi	Optimal Placement of UPFC and SVC using Moth-Flame Optimization Algorithm	2014	2017
33	N.Vinoda	Optimal Placement of Dynamic Voltage Restorer in Distribution Systems for Voltage Improvement Using Particle Swarm Optimization	2014	2017
32	T. Geetha Krishna	Voltage Sag/Voltage Swell Compensation and Reduction Harmonic Distortion using Dynamic Voltage Restorer	2013	2016
31	B. Sneha	Generation of Power from bicycle pedal	2013	2016
30	V. Ravikiran	solar driven automatic water level controller with dry run protection	2013	2016
29	A. Dileep	Dye sensitized solar cell (DYSSC)	2013	2016
28	N. Rajasree	Simultaneous placement of TCSC and UPFC in transmission system using Teaching Learning based optimization	2012	2014

S. No	Name of the Student	Title	Year of Regn	Degree awarded
27	K.R.S.S. Prasad	Optimal Placement of SVC and UPFC in Transmission Networks using SFLA	2012	2014
26	K. Sravan Kumar Reddy	Optimal capacitor placement in radial distribution networks using fuzzy and SFLA	2012	2014
25	M. Harini	Optimal Distributed Generation placement for maximum loss reduction using Teaching Learning based optimization through MATLAB GUI	2012	2014
24	Himakar Udatha	Load Flow analysis using Real Coded Genetic Algorithm	2011	2014
23	T. Sreelekha	Watermarking algorithm using edge detection technique and DCT, DST, FFT	2011	2014
22	A. Hima Bindu	Economic Load Dispatch Using Cuckoo Search Algorithm	2010	2013
21	K.Dhananjaya Babu	Optimal Placement of SVC using Fuzzy and PSO method	2010	2013
20	B.H.Hemanth 1109323	Optimal placement of DG units in Distribution networks using fuzzy and Firefly algorithm	2009	2012
19	K. Sudhakara Reddy 1109329	Economic load dispatch using Firefly Algorithm	2009	2012
18	N.V. Vijaya Kumar	Optimal capacitor placement for loss reduction in distribution system using fuzzy and Harmony Search Algorithm	2008	2012
17	P. Suresh Babu	Optimal capacitor placement using fuzzy and artificial bee colony algorithm for maximum loss reduction	2007	2010
16	V. Ramalingaiah	Optimal placement of DG units using fuzzy and real coded genetic algorithm	2006	2009
15	P. Mallikarjuna	Minimization of distribution system losses by placing shunt capacitors	2006	2008
14	N. Krishnaiah	Economic load dispatch using real coded genetic algorithm	2005	2008
13	B. Ramesh	Particle swarm optimization for economic load dispatch of thermal units	2005	2008
12	C. Venkata ramana Reddy	Simulation and optimization in automatic generation control system after deregulation	2004	2006
11	Y. Venkata ramaiah	Loss reduction measures in distribution system using HVDS method	2003	2006
10	K. Sarada	Design and Simulation of dynamic voltage restorer	2002	2006

S. No	Name of the Student	Title	Year of Regn	Degree awarded
9	Ch.S. Durga Prasad	Modeling and control of unified power flow controller for transient stability	2001	2003
8	M. Padma lalitha	Capacitor placement in radial distribution systems for loss reduction using simple load flow method	2000	2002
7	Y. Rajasekhara Reddy	Loss reduction measures in distribution systems using simplified load flow method	2000	2002
6	K. Venkata ramana Babu	Voltage stability analysis in distribution networks using simple and efficient load flow method	1999	2003
5	B. Raghunatha Reddy	Static VAR compensated performance with fixed and adaptive control	1998	2000
4	Y. Sailaja	Incorporation of FACTS devices in power flow studies	1997	1999
3	K.S. Ravi	Modified rectangular coordinate load flow solution techniques	1996	1998
2	K.V. Nagi Reddy	Fuzzy logic based auxiliary controller of static VAR compensator for improving dynamic stability of power system	1996	1997
1	G. Uma Maheswara Reddy	Forward Error Correction Encoder / Decoder for S/N ratio Improvement in QPSK Channel	1993	1995

(12) Publications:

(a) List of Papers published in National/International Journals:

S.No	List of Papers published in National/International Journals:Publication Details
80	Venkata Anjani Kumar G and M. Damodar Reddy “PSO Trained Feed Forward Neural Network Based SAPF for Power Quality Enhancement in Distribution Network” International Journal of Electrical and Electronic Engineering & Telecommunications Volume 12, No. 4, July 2023,ISSN: 2319-2518, doi:10.18178/ijeetc.12.4.279-287. (Scopus Indexed)
79	Venkata Anjani Kumar G and M. Damodar Reddy “Fuzzy and PSO tuned PI controller based SAPF for Harmonic Mitigations” International Journal of Electrical and Electronics Research,11(1),119-125, March 2023,e-ISSN : 2347-470X, https://doi.org/10.37391/ijeer.110116 . (Scopus Indexed)
78	Suresh Babu Palepu and M.Damodar Reddy, “Voltage stability assessment using PMUs and STATCOM,” <i>International Journal of Power Electronics and Drive Systems</i> , vol.14,no.1,Mar.2023, pp.1-10, doi. 10.11591/ijpeds.v14.i1.pp1-10. (Scopus Indexed)
77	Suresh Babu Palepu and M.Damodar Reddy, “Optimal Placement of PMUs in Smart Grid for Voltage Stability Monitoring using AMP SO and PSAT, ” <i>International Journal of Electrical and Electronics Research</i> , vol.11,no.1, Jan.2023, pp.1321-1328,doi: https://doi.org/10.37391/ijeer.110105 . (Scopus Indexed)

S.No	List of Papers published in National/International Journals:Publication Details
76	Palepu Suresh Babu and M Damodar Reddy, “Binary Spider Monkey Algorithm approach for optimal siting of phasor measurement unit for power system state estimation,” <i>IAES International Journal of Artificial Intelligence</i> , vol.11,no.3,Sep.2022, pp1033-1040, doi.org/10.11591/ijai.v11.i3. (Scopus Indexed) .
75	Palepu Suresh Babu and M Damodar Reddy, “ Voltage Stability Margin Assessment Using PMU Measurements”, <i>Neuroquantology International Journal</i> , vol.20,no.6,june 2022, p.p.6095-6110, doi: 10.14704/nq.2022.20.6.NQ22615 (Scopus Indexed)
74	Goddummarri Tejaswara and M. Damodar Reddy, “Particle Swarm Optimization for Multi-Area Economic Dispatch with Tie-Line Capacity Constraints”, <i>International Journal of Engineering Research and Applications</i> , ISSN: 2248-9622, Vol. 10, Issue 9, (Series-II), pp. 06-11, September 2020.
73	Devisree Chippada and M. Damodar Reddy, “Mathematical modeling and simulation of energy management in smart grid”, <i>International Journal of Smart Grid and Clean Energy</i> , ISSN: 2315-4462, vol. 9, no. 4, p.p 746-755, July 2020, DOI: 10.12720/sgce.9.4.746-755
72	Devisree Chippada and M. Damodar Reddy, “Dynamic Modeling and Simulation of Smart Distribution Grid with Electric Vehicle as Energy Storage”, <i>TEST-Engineering and Management</i> , ISSN: 0193-4120, Volume 83, Page No. 18188 – 18197, May -June 2020
71	Devisree Chippada and M. Damodar Reddy, “Economic and Environmental Assessment of Smart Distributed Power Systems in India for Emission Reductions”, <i>International Journal of Recent Technology and Engineering (IJRTE)</i> , ISSN: 2277-3878, Volume-8, Issue-5, p.p.-2009-2018, January 2020, DOI:10.35940/ijrte.E5028.018520
70	Y.V.Krishna Reddy and M. Damodar Reddy, “Flower Pollination Algorithm to Solve Dynamic Economic Loading of Units with Piecewise Fuel Options”, <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , ISSN: 2502-4752, Vol. 16, No. 1, pp 9-16, October 2019, DOI: 10.11591/ijeecs.v16.i1. [ARCHIVE, Scopus Indexed Journal] .
69	Y. V. Krishna Reddy, M. Damodar Reddy and A.V.Sudhakara Reddy, “ Flower Pollination Algorithm to Solve Dynamic Economic Loading of Units with Practical Constraints”, <i>International Journal of Recent Technology and Engineering(IJRTE)</i> , ISSN: 2277-3878Vol.8, Issue-3, pp.535-542, September 2019
68	Y. V. Krishna Reddy, M. Damodar Reddy, “Economic Load Dispatch Problem with Ant Lion Optimization using Practical Constraints” <i>Gazi University Journal of Science</i> , ISSN:2147-1762,Volume 32, Issue 2, 524-542, April-June2019, [(Free+ESCI) Indexed Journal] .
67	Y. V. Krishna Reddy, M. Damodar Reddy, “Solution of Multi Objective Environmental Economic Dispatch by Grey Wolf Optimization Algorithm”, <i>International Journal of Intelligent Systems and Applications in Engineering (IJISAE)</i> , ISSN: 2147-6799, 2019, 7(1), 34–41, March-2019 [UGC Free journal]
66	M. Divya, Y.V.Krishna Reddy, Dr. M. Damodar Reddy, “Grid Power Management with Fuzzy Logic Based MPPT with Hybrid power Energy system”, <i>International Journal for Research in Engineering Application & Management (IJREAM)</i> , ISSN:2454-9150, Vol-04, Issue-11, PP:231-235, February 2019. [UGC

S.No	List of Papers published in National/International Journals:Publication Details
	approved Journal]
65	Sreekakulam Naresh, Prof. M. Damodar Reddy and Y V Krishna Reddy, “Optimal Power Flow Solution Using Crow Search Algorithm”, <i>IOSR Journal of Engineering (IOSRJEN)</i> , ISSN: 2278-8719 (Print) 2250-3021 (On-line), Vol. 09, Issue 1, PP 20-26, January. 2019 [UGC approved Journal]
64	Y. V. Krishna Reddy, M. Damodar Reddy, " Grey Wolf Optimization for Solving Economic Dispatch with Multiple Fuels and Valve Point Loading", <i>International Journal of Information Engineering and Electronic Business (IJIEEB)</i> , ISSN: 2074-9023 (Print) 2074-9031 (On-line), Vol.11, No.1, pp. 50-57, January 2019. DOI: 10.5815/ijieeb.2019.01.06. [Free journal]
63	J Phaneendra, Y.V.Krishna Reddy, Dr. M. Damodar Reddy, “Particle Swarm Optimization based Dynamic Economic Dispatch with Valve-Point Effects”, <i>International Journal of Research and Analytical Reviews (IJRAR)</i> , ISSN:2348-1269, Volume 5, Issue 04,PP: 989-996, December 2018. (UGC Approved Journal)
62	M. Ramprasad Reddy, M. Damodar Reddy,“Certain Analytical Aspects of Power System in the Presence of Unified Power Flow Controller”, <i>Journal of Advanced Research in Dynamical & Control Systems (JARDCS)</i> , ISSN:1943- 023X Vol. 10, No. 10, PP 366-381, October 2018. [Scopus Indexed Journal].
61	Y. V. Krishna Reddy, M. Damodar Reddy, “Flower Pollination Algorithm for Solving Economic Dispatch with Prohibited Operating Zones and Ramp-rate Limit Constraints” <i>International Journal of Emerging Technologies and Innovative Research (JETIR)</i> , ISSN:2349-5162,Volume 5, Issue 10, pp 498-505, October 2018 (UGC Approved Journal)
60	Y. V. Krishna Reddy, M. Damodar Reddy,“Flower Pollination Algorithm for Solving Economic Dispatch Problems with Prohibited Operating Zones and Multiple Fuel Options”, <i>International Journal of Engineering and Advanced Technology (IJEAT)</i> , ISSN: 2249-8958, Volume-7 Issue-6, PP:1-7, August 2018 [Scopus Indexed Journal].
59	Manoj Challa, Dr.M.Damodar Reddy, Dr.P.Venkata Subba Reddy,“A combined approach of data aggregation and QoS improvement using swarm optimization and Game theoretic approach for WSN”, <i>Journal of Advanced Research in Dynamical and Control Systems (JARDCS)</i> , ISSN:1943 -023X, Volume-10, Issue-7, PP.224-233, July 2018. [Scopus Indexed Journal].
58	Manoj Challa, Dr. M. Damodar Reddy and Dr. P. Venkata Subba Reddy “Energy Aware WSN Transmission and Network Lifetime Improvement using Particle Swarm based Distance Error Optimization,” <i>International Journal of Applied Engineering Research (IJAER)</i> , ISSN 0973-4562, Vol. 13, No. 11, pp. 9218-9227, June 2018
57	A. V. Sudhakara Reddy, Dr. M. Damodar Reddy, Y. V. Krishna Reddy “Reconfiguration of Distribution Systems for Loss Reduction and Emissions Reduction using Multi Verse Optimization”, <i>Journal on electrical engineering</i> , to be published in June 2018. (Free Journal & Scopus Indexed)
56	A. V. Sudhakara Reddy, Dr. M. Damodar Reddy, “Application of Whale Optimization Algorithm for Distribution feeder reconfiguration”, <i>i-manager’s Journal on electrical engineering</i> , to be published in June 2018. (Free Journal & UGC Approved Journal)

S.No	List of Papers published in National/International Journals:Publication Details
55	Y. V. Krishna Reddy, M. Damodar Reddy, "Solving Economic Load Dispatch problem with Multiple Fuels using Teaching Learning based Optimization and Salp Swarm Algorithm" 2018 JISTA May 2018, Volume 1, Issue 1. (Free Journal)
54	M. Ramprasad Reddy and Dr. M. Damodar Reddy, "Analyzing the Effect of Ramp-Rate Limits on Optimal Power Flow Using Two Stage Ant Colony Optimization" <i>International Journal of Applied Engineering Research (IJAER)</i> , ISSN 0973-4562, Vol. 13, No. 5, pp. 2725-2733, March 2018
53	M. Laxmidevi Ramanaiah and Dr. M. Damodar Reddy, "Moth Flame Optimization Method for Unified Power Quality Conditioner Allocation," <i>International Journal of Electrical and Computer Engineering (IJECE)</i> , Vol.8, No.1, pp.530-537, February 2018.
52	A. V. Sudhakara Reddy, Prof. M. Damodar Reddy, "Distribution network reconfiguration for maximum loss reduction using Moth Flame Optimization", <i>International Journal of Emerging Technologies in Engineering Research (IJETER)</i> , Vol.6, No.1, pp.86-90, Feb-2018. (Thomson Reuters Indexed & UGC Approved Journal)
51	M. Ramprasad Reddy and Dr. M. Damodar Reddy, "Incorporation of UPFC Transformer Model in an Optimal Location using Sensitivity Analysis" <i>International Journal of Electronics, Electrical and Computational System (IJECS)</i> , ISSN 2348-117X, Volume 7, Issue 1, pp. 25-37, January 2018
50	A. V. Sudhakara Reddy, Dr. M. Damodar Reddy, "Network Reconfiguration of Distribution Systems for Loss Reduction using GWO algorithm", <i>International Journal of Electrical and Computer Engineering (IJECE)</i> , Vol. 7, No. 6, pp. 3226-3234, December 2017. (Scopus Indexed)
49	M. Laxmidevi Ramanaiah and Dr. M. Damodar Reddy, "Performance of Unified Power Quality Conditioner in radial distribution networks using Particle Swarm Optimization Method," <i>International Journal of Applied Engineering Research (IJAER)</i> , ISSN 0973-4562, Vol. 12, No. 24, pp. 14718-14726, December 2017.
48	M. Laxmidevi Ramanaiah and Dr. M. Damodar Reddy, "Optimal Placement of Unified Power Quality Conditioner in Distribution Systems using Particle Swarm Optimization Method," <i>ARPJ Journal of Engineering and Applied Sciences</i> , ISSN 1819-6608, Vol. 12, No. 21, pp. 5960-5965, November 2017.
47	M. Laxmidevi Ramanaiah, Dr. M. Damodar Reddy, "Optimal Unified Power Quality Conditioner Allocation in Distribution Systems for Loss Minimization using Grey Wolf Optimization," <i>International Journal of Engineering Research and Applications (IJERA)</i> , Vol.7, Issue.11, pp.48-53, November 2017. (UGC Approved Journal)
46	A. V. Sudhakara Reddy, Dr. M. Damodar Reddy, "Network Reconfiguration of Distribution System for Maximum Loss Reduction using Sine Cosine Algorithm," <i>International Journal of Engineering Research and Applications (IJERA)</i> , Vol.7, Issue.10, pp.34-39, October 2017. (UGC Approved Journal)
45	M. Laxmidevi Ramanaiah, Dr. M. Damodar Reddy, "Sine Cosine Algorithm for Loss Reduction in Distribution System with Unified Power Quality Conditioner", <i>i-manager's Journal on power systems engineering</i> , Vol-5, Issue-3, p.p.10-16, August - October 2017. (Free Journal)
44	Manoj Challa, Dr. P. Venkata Subba Reddy and Dr. M. Damodar Reddy "Fuzzy Logic and Trust Based Clustering Approach to Improve the WSN Performance,"

S.No	List of Papers published in National/International Journals:Publication Details
	<i>International Journal of Applied Engineering Research (IJAER)</i> , ISSN 0973-4562, Vol. 12, No. 16, pp. 6055-6064, August 2017
43	M. Laxmidevi Ramanaiah, Dr. M. Damodar Reddy, "Optimal Placement of Unified Power Quality Conditioner using Ant Lion Optimization Method", <i>International Journal of Applied Engineering Research (IJAER)</i> , ISSN:0973-4562, Vol-12, Issue-13, p.p.3708-3713, July-2017. (Scopus Indexed)
42	A. V. Sudhakara Reddy, Dr. M. Damodar Reddy, "Optimal Capacitor allocation for the reconfigured Network using Ant Lion Optimization algorithm", <i>International Journal of Applied Engineering Research (IJAER)</i> , ISSN:0973-4562, Vol-12, Issue-12, p.p.3084-3089, June-2017. (Scopus Indexed)
41	S.Bharathi, A.V.Sudhakara Reddy, Dr.M.Damodar Reddy, "Optimal Placement of UPFC and SVC using Moth-Flame Optimization Algorithm", <i>International Journal of Soft Computing and Artificial Intelligence</i> , ISSN: 2321-4046, Volume-5, Issue-1, pp.41-45, May-2017.
40	R.Swetha, M.Laxmidevi, Dr.M.Damodar Reddy, "Optimal Placement of UPFC and SVC in Transmission Networks using Moth Swarm Algorithm", <i>International Journal of Advanced Computational Engineering and Networking</i> , ISSN: 2320-2106, Volume-5, Issue-4, pp.34-38, April-2017.
39	C.Ramya, Y. V. Krishna Reddy, Dr.M.Damodar Reddy, "Combined Economic Emission Dispatch with the Effect of Valve Point Loading Using Flower Pollination Algorithm", <i>International Journal of Advanced Computational Engineering and Networking</i> , ISSN: 2320-2106, Volume-5, Issue-4, pp.29-33, April-2017.
38	A. V. Sudhakara Reddy, Prof. M. Damodar Reddy, "Optimization of distribution network reconfiguration using dragonfly algorithm", <i>Journal of Electrical Engineering</i> , Vol.16, Edition.4, No.30, pp.273-282, ISSN:1582-4594, Mar-2017. (Free Journal & Scopus Indexed)
37	M. Laxmidevi Ramanaiah, Dr. M. Damodar Reddy, T. Chandra Sekhar, "Optimal Placement of Static Series Voltage Regulator (SSVR) in Distribution System for Voltage improvement Using Particle Swarm Optimization", <i>International Journal of Engineering Research and Applications (IJERA)</i> ISSN:2248-9622, Vol-7, Issue-3, p.p.23-28, Mar-2017.
36	A. V. Sudhakara Reddy, Dr.M.Damodar Reddy, N.Vinoda, "Optimal Placement of Dynamic Voltage Restorer in Distribution Systems for Voltage Improvement Using Particle Swarm Optimization", <i>International Journal of Engineering Research and Applications (IJERA)</i> ISSN: 2248-9622, Vol-7, Issue-3, p.p. 29-33, March – 2017.
35	M. Laxmidevi Ramanaiah, Dr. M. Damodar Reddy, "Optimal conductor selection using grey wolf optimization" i-manager's <i>Journal on power systems engineering</i> , Vol-4, Issue-3, p.p.21-28, August - October 2016. (Free Journal)
34	T. Geetha Krishna and Dr. M. Damodar Reddy "Voltage Sag/Voltage Swell Compensation and Reduction Harmonic Distortion using Dynamic Voltage Restorer", <i>International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREICE)</i> , ISSN: 2321-5526, Vol-3, Issue-12, p.p. 97-102, December – 2015. (Impact Factor: 5.332)
33	V. Ravikiran and Dr. M. Damodar Reddy "Solar Driven Automatic Water Level Controller With Dry Run Protection" <i>International Journal of Engineering Research and Applications (IJERA)</i> ISSN: 2248-9622, Vol-5, Issue-11, p.p. 49-53,

S.No	List of Papers published in National/International Journals:Publication Details
	November – 2015.(Impact Factor: 5.011)
32	A. Dileep and Dr. M. Damodar Reddy "Dye sensitized solar cell (DYSSC)" <i>International Journal of Engineering Research and Applications (IJERA)</i> ISSN: 2248-9622, Vol-5, Issue-11, p.p. 43-48, November – 2015. (Impact Factor: 5.011)
31	Rajasree N, Damodar Reddy M. "Simultaneous Placement of TCSC and UPFC in Transmission System using Teaching-Learning Based Optimization Technique", <i>The International Daily journal</i> , ISSN 2278 – 5469 EISSN 2278 – 5450 <i>Discovery</i> , 47(216), pp.1-7, November 2015.
30	Prasad KRSS, Damodar Reddy M. "Optimal Placement of SVC and UPFC in Transmission Networks using SFLA", <i>The International Daily journal</i> , ISSN 2278 – 5469 EISSN 2278 – 5450 <i>Discovery</i> , 45(210), pp.175-181, October 2015.
29	B. Sneha and Dr. M. Damodar Reddy "Generation of Power from bicycle pedal" <i>International Journal of advanced research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)</i> , ISSN: 2278-8875, Vol-4, Issue-10, p.p. 8429-8434, October – 2015. (Impact Factor: 5.621)
28	P.Ramesh Prof. M. Damodar Reddy, "Optimal Placement Of DPFC for loss reduction using genitic and firefly algorithm" <i>International journal research in engineering and technology(IJRET)</i> , eISSN: 2319-1163, Vol-4, Issue-9, p.p. 90-96, Sep 2015.
27	V.C. Jagan Mohan, Dr.M. Damodar Reddy and K. Subbaramaiah, "Implementation of Clustering based Unit commitment employing Particle Swarm Optimization", <i>International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering</i> , ISSN: 2320-3765, Vol-4, Issue-9, p.p. 7883-7892, Sep 2015. (Impact Factor: 5.621)
26	M. Harini and Dr. M. Damodar Reddy, "Optimal Distribution Generation Placement for Maximum Loss Reduction Using Teaching Learning Based Optimization through MATLAB GUI" <i>i-manager's Journal on power systems engineering</i> , Vol-2, Issue-4, p.p. 21-28, November 2014 - January 2015.
25	Himakar Udatha and Dr.M. Damodar Reddy, "Load Flow analysis using Real Coded Genetic Algorithm", <i>International Journal of Engineering Research and Applications (IJERA)</i> ISSN: 2248-9622, Vol-4, Issue-2, p.p.522-527, Feb– 2014.(Impact Factor: 5.011)
24	Ms. T.Sreelekha, Dr. M. Damodar Reddy and Dr. T. Ramashri "Watermarking algorithm using edge detection technique and DCT, DST, FFT" <i>International Journal of advanced research in Electrical, Electronics and Instrumentation Engineering</i> , ISSN: 2248-8875, Vol-2, Issue-12, p.p. 5982-5989, December – 2013. (Impact Factor: 5.016)
23	P. Ramesh, Dr.M.Damodar Reddy "Loss reduction through optimal placement of Unified Power-Flow Controller using Firefly Algorithm" <i>International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering</i> , Vol.2, Issue 10, pp. 4657-67. ISSN:2320 –3765, October 2013. (Impact Factor: 5.016)
22	A. Himabindu and Dr.M. Damodar Reddy, "Economic Load Dispatch Using Cuckoo Search Algorithm", <i>International Journal of Engineering Research and Applications (IJERA)</i> ISSN: 2248-9622, Vol-3, Issue-4, p.p. 498-502, July-Aug – 2013. (Impact Factor: 5.011)

S.No	List of Papers published in National/International Journals:Publication Details
21	K. Dhananjaya Babu and Dr.M. Damodar Reddy, “Optimal Placement of SVC using Fuzzy and PSO method”, <i>International Journal of Engineering Research and Applications</i> (IJERA) ISSN: 2248-9622, Vol-3, Issue-1, p.p. 485-490, Jan-Feb – 2013.(Impact Factor: 5.011)
20	V.C. Jagan Mohan, Dr.M. Damodar Reddy and Dr. K. Subbaramaiah, “Cost improvement of clustering based unit commitment employing combined genetic algorithm – simulated annealing”, <i>CIIT International Journal of artificial intelligent systems and machine learning</i> , ISSN: 0974-9667, Vol-5, No-2, p.p. 81-87, Feb-2013.
19	V.C. Jagan Mohan, Dr.M. Damodar Reddy and Dr. K. Subbaramaiah, “Implementation of clustering based unit commitment employing genetic algorithm”, <i>CIIT International Journal of artificial intelligent systems and machine learning</i> , ISSN: 0974-9667, Vol-4, No-12, p.p. 671-677, Dec-2012.
18	V.C. Jagan Mohan, Dr.M. Damodar Reddy and K. Subbaramaiah, “Implementation of fast technique for Unit commitment based on unit clustering”, <i>Journal of Energy technologies and policy</i> , ISSN: 2225-0573, Vol-2, No-7, p.p. 54-63, 2012.
17	B.H. Hemanth and Dr.M. Damodar Reddy, “Optimal placement of DG Units in distribution networks using fuzzy and Firefly algorithm”, <i>Global Journal of Engineering and applied sciences</i> , ISSN: 2249-2631, Vol-2, Issue-3, p.p. 245-249, 2012.
16	P. Ramesh, Dr.M.Damodar Reddy, “Power Transfer Capability & Reliability Improvement in a Transmission Line using Distributed Power- Flow Controller” <i>International Journal of Electrical and Computer Engineering</i> (IJECE), Vol 2, No 4: ISSN: 2088-8708, p.p. 553-562, August 2012. (Scopus Indexed)
15	K. Sudhakara Reddy and Dr.M. Damodar Reddy, “Economic Load dispatch using Firefly Algorithm”, <i>International Journal of Engineering Research and Applications</i> (IJERA) ISSN: 2248-9622, Vol-2, Issue-4, p.p. 2325-2330, Aug - 2012. (Impact Factor: 5.011)
14	P. Ramesh and Dr.M.Damodar Reddy, “Control design and simulation of distributed power-flow controller (DPFC) ‘‘ ARPN <i>Journal of Engineering and Applied Sciences</i> , vol.7, issue 6, pp. 766-772, June 2012. ISSN 1819-6608
13	P. Ramesh, Dr.M.Damodar Reddy and W.V. Jahnavi, “Improvement of Power Transfer Capability & System Reliability using Distributed Power- Flow Controller (DPFC) ‘‘ <i>CiiT International Journal of Artificial Intelligent Systems and Machine Learning</i> , Print: ISSN 0974 – 9667 & Online: ISSN 0974 – 9543, Vol-4, No-6, June 2012.
12	P. Ramesh and Dr.M.Damodar Reddy, “Improvement of System Reliability & Power Transfer Capability using Distributed Power- Flow Controller (DPFC)‘‘ <i>International Journal of Scientific and Engineering Research</i> , vol.3, issue 5, pp.1-9, May 2012. ISSN 2229-5518
11	P. Ramesh and Dr.M.Damodar Reddy, “Modeling and Analysis of Distributed Power-Flow-Controller (DPFC)” <i>International Journal of Engineering Research and Applications</i> , vol.2, issue 2, pp. 609-615, Mar-Apr 2012. ISSN: 2248-9622
10	P. Ramesh and Dr.M.Damodar Reddy, “Control of Power in a Transmission Line by Distributed Power-Flow Controller (DPFC)” <i>International Journal of Electrical Engineering</i> , Volume 5, Number 4, pp. 411-425, Mar-Apr 2012. ISSN 0974-2158

S.No	List of Papers published in National/International Journals:Publication Details
9	Dr. M. Damodar Reddy and N.V. Vijaya Kumar, “Optimal Capacitor placement for loss reduction in distribution systems using fuzzy and Harmony Search Algorithm”, <i>ARNP Journal of Engineering and Applied Sciences</i> , Vol-7, No-1, p.p. 15-19, January – 2012. (ISSN 1819-6608)
8	Manoj challa, Dr.M. Damodar Reddy, Dr. P. Venkata subba Reddy and Jitendranath Mungara, “Secured Public key Authentication and Energy Efficient MAC Implementation in Wireless Sensor Networks”, <i>IJCSNS International Journal of Computer Science and Network Security</i> , Vol.11, No.10, p.p. 10-15, October 2011.
7	Dr. M. Damodar Reddy and Dr. V.C. Veera Reddy, “A two-stage methodology of optimal capacitor placement for the reconfigured network”, <i>Indian Journal of Engineering & Materials Sciences</i> , Vol-17, N0-2, p.p. 105-112, April 2010.
6	Ramalingaiah V and Dr. M. Damodar Reddy, “Optimal placement of DG Units using fuzzy and real coded genetic algorithm”, <i>Journal of Theoretical and Applied Information Technology</i> , Vol-7, Issue-2, p.p. 145-151, September – 2009.
5	Dr. M. Damodar Reddy and Dr. V.C. Veera Reddy, “Novel method of network reconfiguration for the compensated network”, <i>The Journal of CPRI</i> , Vol-5, N0-1, p.p. 27-35, March 2009.
4	M. Damodar Reddy and V.C. Veera Reddy, “A hybrid method of Optimal Capacitor placement for the reconfigured network”, <i>International Journal of Applied Engineering Research</i> , Vol-3, No-11, p.p. 1569-1579, November – 2008. (Scopus Indexed)
3	M. Damodar Reddy and V.C. Veera Reddy, “Capacitor placement using fuzzy and Particle Swarm Optimization method for maximum annual savings” <i>ARNP Journal of Engineering and Applied Sciences</i> , Vol-3, No-3, p.p. 25-30, June – 2008.
2	M. Damodar Reddy and V.C. Veera Reddy, “A two-stage methodology of network reconfiguration for the compensated network”, <i>i-manager’s Journal on Electrical Engineering</i> , Vol-1, No-4, p.p. 22-29, April-June 2008.
1	M. Damodar Reddy and Prof. V.C. Veera Reddy, “Optimal capacitor placement using fuzzy and Real Coded Genetic Algorithm for maximum savings” <i>Journal of Theoretical and Applied Information Technology</i> , Vol-4, No-3, p.p. 219-226, March – 2008.

(b) List of Papers Presented/ published in National/International Conferences:

S.No	List of Papers Presented/ published in National/International Conferences: Publication Details
37	Suresh Babu Palepu and M.Damodar Reddy , “Voltage stability assessment using PMUs andUPFC,” in 2023 <i>International Conference on Intelligent and Sustainable Power and Energy Systems (ISPES-2023)</i> , Sep.2023 (Accepted)
36	GaneshChalla; Dr. M. Damodar Reddy “Unipolar Carrier Based SVPWM For DTC of Open-End Winding Induction Motor Drive” 2021 2nd International Conference on Smart Electronics and Communication (ICOSEC), Oct. 2021. (SCOPUS INDEXED)
35	Suresh BabuPalepu; Dr. M Damodar Reddy “Optimal PMU Placement for Power System State Estimation Using Improved Binary Flower Pollination Algorithm” 2021 International Conference on Recent Trends on Electronics, Information,

S.No	List of Papers Presented/ published in National/International Conferences: Publication Details
	Communication & Technology (RTEICT), Aug. 2021 (SCOPUS INDEXED)
34	Y. V. Krishna Reddy, M. Damodar Reddy, “Solution of Economic Dispatch Problem by Flower Pollination Algorithm”, <i>2nd International conference on emerging trends in engineering, sciences and management (ICEESM’18)</i> organized by RGM CET, Nandyal, A.P, 21st to 22nd December 2018
33	Manoj Challa, Dr.M.Damodar Reddy, Dr.P.Venkata Subba Reddy “A novel approach for cluster head selection and Ant colony Optimization (ACO) based routing for WSN” in <i>International Conference on Intelligent Computing and Sustainable System-organized by ACET, Coimbatore, Tamilnadu</i> 20 th – 21 st September-2018 (ICICSS 2018), IEEE indexed
32	M. Ramprasad Reddy and Dr.M.Damodar Reddy “Analyzing the power loss minimization with unified power Flow Controller using two stage Ant Colony Optimization” <i>International Conference on Recent Trends in Engineering and Sciences(ICRTES 2018)</i> , Feb 20-21, 2018
31	Yehescale, Dr.M.Damodar Reddy, “A New Strategy for Solving Unit Commitment Problem by PSO algorithm”, IEEE conference, Bengaluru, India on january 2018.
30	R.Swetha, M.Laxmidevi, Dr.M.Damodar Reddy, “Optimal Placement of UPFC and SVC in Transmission Networks using Moth Swarm Algorithm”, <i>International Conference on Electrical and Electronics Engineering</i> , ICEEE, Bengaluru, India on 26 th February 2017. WR-EEE-TRPT-26027-688.
29	C.Ramya, Y. V. Krishna Reddy, Dr.M.Damodar Reddy, “Combined Economic Emission Dispatch with the Effect of Valve Point Loading Using Flower Pollination Algorithm”, <i>International Conference on Electrical and Electronics Engineering</i> , ICEEE, Bengaluru, India on 26 th February 2017.WR-EEE-TRPT-26027-686.
28	S.Bharathi, A.V.Sudhakara Reddy, Dr.M.Damodar Reddy, "Optimal Placement of UPFC and SVC using Moth-Flame Optimization Algorithm", <i>International Conference on Electrical and Electronics Engineering</i> , ICEEE, Bengaluru, India on 26 th February 2017. WR-EEE-TRPT-26027-687.
27	A. V. Sudhakara Reddy, Prof. M. Damodar Reddy, “Optimal Network Reconfiguration and D-STATCOM Allocation in Primary Distribution System”, <i>International Conference on Advanced Material Technologies (ICAMT)-2016</i> , Dadi Institute of Engineering and Technology (DIET), Visakhapatnam, Andhra Pradesh, India, 27 th - 28 th , Dec, 2016.
26	M.Laxmidevi and Dr.M.Damodar Reddy, “Grey Wolf Optimization for optimal distributed generation units allocation”, <i>2016 IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems</i> (IEEE ICPEICES-2016), Delhi Technological University (DTU), India, July 4 th - 6 th , 2016.
25	A. V. Sudhakara Reddy, Prof. M. Damodar Reddy, “Optimization of network reconfiguration by using particle swarm optimization”, <i>2016 IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems</i> (IEEE ICPEICES-2016), Delhi Technological University (DTU), India, July 4 th - 6 th , 2016. (Published in IEEE Xplore Digital Library)
24	M.Laxmidevi and Dr.M.Damodar Reddy, “Placement And Sizing of Distributed Generation Units by Grey Wolf Optimization”, <i>3rd National Conference on Electric Power & Power Electronic Control Systems</i> (NCEPPECS-2016), AU College of Engineering, Andhra University, Visakhapatnam, 6 th -7 th May 2016.

S.No	List of Papers Presented/ published in National/International Conferences: Publication Details
23	M.Laxmid devi and Dr.M.Damodar Reddy, “Optimal Location And Sizing of Capacitors Using Grey Wolf Optimization” <i>Proceedings of International Conference On Emerging Trends In Electrical And Power Engineering</i> (ICEEPE - 2016), ISBN: 978-93-5254-987- 0, NEC, Nellore, 4th April, 2016.
22	K Sravan Kumar Reddy and Dr. M.Damodar Reddy, “Optimal Capacitor Placement In Radial Distribution Networks Using Fuzzy and SFLA” <i>Proceedings of International conference on Electrical, Electronics, Signals, Communication & Optimization</i> (EESCO-2015), ISBN: 9781-4799-7678-2, Issue- 5, 24 th -25 th January - 2015. (Published in IEEE Xplore Digital Library)
21	M. Harini and Dr. M. Damodar Reddy, “Optimal Location and Sizing of Distribution Generation Units for Maximum Loss Reduction Using Teaching Learning Based Optimization through MATLAB GUI” <i>Proceedings of International conference on Electrical, Electronics, Signals, Communication & Optimization</i> (EESCO-2015), ISBN: 9781-4799-7678-2, Issue- 3, 24 th -25 th January -2015. (Published in IEEE Xplore Digital Library)
20	P.Ramesh, Dr.M.Damodar Reddy, W.V.Jahnavi “ Analysis of Active and Reactive Powers, Control Range and Simulation of a Distributed Interline Power-Flow Controller” IEEE International Conference On Research And Development Prospects On Engineering And Technology (ICRDPET-2013) – ICRDEPT 2013, held on 28-29 March, 2013 at E.G.S. Pillay Engineering College, Nagapattinam, Tamil Nadu, India.
19	P.Ramesh, Dr.M.Damodar Reddy “ Failure analysis of shunt converter in distributed power flow controller” <i>National Conference on Enhancements in Power Electronics and Power Systems</i> (NCEPEPS-2013)’held on 26 – 27 March, 2013 at Sree Vidyanikethan Engineering College, Tirupati.
18	P.Ramesh, Dr.M.Damodar Reddy, W V Jahnavi “Control Range And Simulation of Distributed Interline Power Flow Controller ”International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT) ”, held on 21-22 December, 2012 at P.E.S College of Engineering, Mandya, Karnataka.
17	P.Ramesh, Dr.M.Damodar Reddy, T.Kosaleswara Reddy, Dr.T.Devaraju “Distributed Multiline Power Flow Controller (DMPFC)” International Conference on “Current Trends in Engineering and Managements (ICCTEM – 2012) ” held on 12-14 July, 2012 at Vidya Vardhaka College of Engineering, Mysore, Karnataka.
16	P.Ramesh, Dr.M.Damodara Reddy, W.V.Jahnavi “ Analysis of Active and Reactive Powers in a Transmission Line By Distributed Interline Power-Flow Controller (DIPFC)”4 th International Conference on “ Science, Engineering & Technology (SET)” held on 03-04 May, 2012 at VIT University, Vellore, Tamil Nadu, India.
15	P.Ramesh, Dr.M.Damodar Reddy, W.V.Jahnavi” Improvement of Power Transfer Capability & System Reliability Using Distributed Power Flow Controller (DPFC)” First International Conference on “ Computation of Power, Energy, Information & Communication-2012(ICCPEIC-2012)” held on 18-19 April, 2012 at Adhiparasakthi Engineering College, Melmaruvathur, Tamil Nadu, India.
14	P.Ramesh, Dr.M.Damodar Reddy, W.V.Jahnavi “ Distributed Power Flow Controller (DPFC)” 2 nd International Conference on “ Advances in Engineering and Technology – ICAET 2012” held on 28-29 March, 2012 at E.G.S. Pillay Engineering College, Nagapattinam, Tamil Nadu, India. (Received BEST PAPER AWARD)
13	P.Ramesh, Dr.M.Damodar Reddy, Dr.T.Devaraju “ Design & Simulation of Distributed Power Flow Controller (DPFC)”International Conference on “ Recent

S.No	List of Papers Presented/ published in National/International Conferences: Publication Details
	Innovations in Technology'' (ICRIT-2012))'' held on 12-14 January, 2012 at Rajiv Gandhi Institute of Technology, Kottayam, Kerala, India.
12	P.Ramesh, Dr.M.Damodar Reddy, Dr.T.Devaraju '' Modeling & Simulation of Distributed Power Flow Controller (DPFC)''International Conference on ''Enhancements in Power Electronics and Controls (IEPEC-2011)'' held on 24-25 November, 2011 at PSG College of Technology, Coimbatore, Tamil Nadu, India.
11	P. Suresh Babu and Dr. M. Damodar Reddy, ''Optimal capacitor placement using fuzzy and artificial bee colony algorithm for maximum loss reduction'', <i>Proceedings of the national conference on Automation, Computing, Communication and Control Systems NCAC³S-2010</i> , Tiruchengode, Tamilnadu, April 2010. (Best Paper in Session-III)
10	M. Kartheek and Dr. M. Damodar Reddy, ''Robust image watermarking using Particle swarm optimization'', <i>Proceedings of the national conference on Data mining & Network security NITC-09, Tirupati, April 2009</i> .
9	P. Mallikarjuna and Dr. M. Damodar Reddy, ''Minimization of distribution system losses by placing shunt capacitors'', <i>Proceedings of the International Conference on Advanced Computing and Communication Technologies for High Performance Applications, Cochin</i> , p.p. 778-783, September 2008.
8	B. Ramesh, M. Damodar Reddy and D.S.R.L. Narasimha Rao, ''Particle swarm optimization for economic load dispatch of Thermal units'', <i>Proceedings of the National conference on Power Engineering and Process Control NCPP-07, Hyderabad</i> , p.p. 132-137, November 2007. (Best Paper in Session-III)
7	M. Damodar Reddy and Dr. V.C. Veera Reddy, ''Reconfiguration of distribution systems by an improved Fuzzy multi-objective approach'', <i>Proceedings of All India Seminar/Conference on Emerging trends in M & I</i> , Tirupati, June 2007.
6	M. Damodar Reddy, G.V. Prathyusha and Dr. V.C. Veera Reddy, ''An efficient method for load flow solution of radial distribution networks'', <i>Proceedings of All India Seminar/Conference on Emerging trends in M & I</i> , Tirupati, June 2007.
5	M. Damodar Reddy and Dr. V.C. Veera Reddy, ''Multiple capacitor placement for loss reduction in distribution networks using Fuzzy Logic and Genetic Algorithm'', <i>Proceedings of the National conference ITAE-07</i> , Trichy, March 2007.
4	M. Damodar Reddy and Dr. V.C. Veera Reddy, ''Multiple capacitor placement for loss reduction in distribution networks using Fuzzy Logic'', <i>Proceedings of the 2nd National conference on TICAEE-07</i> , Chennai, pp 1-6, March, 2007.
3	M. Damodar Reddy and Dr. V.C. Veera Reddy, ''Optimal capacitor placement for loss reduction in distribution networks using Fuzzy Logic'', <i>Proceedings of the National conference NCAEE-2007</i> , Chennai, February 2007.
2	Dr. V. C. Veera Reddy, M. Damodar Reddy, Perumal Nallagownden and M. Padma Lalitha, ''Loss reduction in distribution systems by optimal capacitor placement'', <i>Proceedings of the International Conference ROVIS-2005</i> , Penang, Malaysia, p.p. 293-298, July 2005.
1	Dr. C. Eswara Reddy and M. Damodar Reddy, ''English Terms- Usage in Engineering and Technology'', <i>Proceedings of the National conference (Published by Telugu Academy, Hyderabad) Language usage and development with respect to Telugu</i> , S.V. University, Tirupati, p.p. 129-138, February 2005.

(13) Books:

S.No.	Books authored and published
1	Optimal Capacitor Placement Distribution Systems – Lambert Publications – ISBN-978-3-330-04414-2
2	Optimal Placement of DG Units and EVCS in Distribution Systems- Scholars Press- ISBN -978-620-6-76883-8
3	Optimal U.P.Q.C. Placement in Radial Distribution Systems- Scholars Press. I.S.B.N.-978-620-6-76894-4

(14) Participation in/Organization of Faculty Development Programs /Workshops / Guest Lectures/ Training Programmes etc:

S.No	Participation in/Organization of Faculty Development Programs /Workshops /Guest Lectures/ Training Programmes etc:
24	Participated in a Webinar on “Government E-Market Place” organized by NPIU, New Delhi held on 7 th July, 2020.
23	Attended a One Week International Online Faculty Development Program on "Real-time Protection of Modern Power Systems (RPMPS-2020)" organized by Department of Electrical and Electronics Engineering, KITSW in association with IEI - Warangal Local Centre held during 23 rd - 27 th June, 2020.
22	Attended a Five-Day Online Faculty Development Program on "Recent Innovations and Technologies in Electric Vehicles" organized by Department of Electrical and Electronics Engineering, GATES Institute of Technology, Anantapuramu held during 8 th - 12 th June, 2020.
21	Participated in a Webinar on “Effective Role of Teachers in Enhancing Standards of Technical Education” organized by Department of Electrical and Electronics Engineering, GIST, Nellore in association with Institution of Engineers (India) held on 6 th June, 2020.
20	Attended a Two-Day National level online workshop on “Modern Methods for Teaching Learning Practices”, during 12 th and 13 th May 2020 organized by Krishna University, Machilipatnam, Andhra Pradesh.
19	Attended a Two-Week Online MOOC Course on “Digital Transformation in Teaching Learning Process” during 6 th April to 22 nd April-2020 organized by IITBombay, Mumbai.
18	Attended a Two-Day Work Shop on “Innovations & Patents”, organized by SVU College of Engineering, Tirupati during 27 th – 28 th December 2019.
17	Attended a Two-Day Work Shop on “Audit & Legal Aspects of Administration”, organized by SVU College of Engineering, Tirupati during 15 th – 16 th November 2019.
16	Organized a Guest Lecture on “Smart Grid Technologies” by Prof. N. Venkatan Ramana, Principal, JNTUH College of Engineering, Jagtial, Karimnagar on 24 th August, 2019. No. of Participants: 169.
15	Attended a Three-Day Work Shop on “Sponsored Research, IPR & Entrepreneurship”, organized by SVU College of Engineering, Tirupati during 1 st – 3 rd August 2019.
14	Attended a Two-Day Training Programme on “TEQIP-III: Procurement Management Support System PMSS”, organized by National Project Implementation Unit (NPIU), Delhi and BMS College of Engineering, Bengaluru

S.No	Participation in/Organization of Faculty Development Programs /Workshops /Guest Lectures/ Training Programmes etc:
	during 15 th -16 th April 2019.
13	Attended a Two-Day Training Programme on “Saksham – Teaching with Technology Training”, organized by Microsoft at SVU College of Engineering, Tirupati during 14 th -15 th September 2018.
12	Attended a one day state level workshop on “Neeru-Pragathi”, organized by the Andhra Pradesh State Council of Higher Education, Amaravathi on 8 th May 2017 at Acharya Nagarjuna University, Guntur.
11	Participated in the Two-Week Faculty Development Program on “Recent advances in Electrical Engineering Research” during 20 th February to 2 nd March-2017 at SVU College of Engineering, Tirupati.
10	Attended a Awareness workshop on “Outcome Based Education and Accreditation”, organized by University College of Engineering, Osmania University, Hyderabad, Telangana in association with National Board of Accreditation (NBA), New Delhi on 18 th December 2016.
9	Attended a Two-Day National level workshop on “Electrical CAD”, held at the Department of EEE, SVU College of Engineering, Tirupati during 29 th -30 th July, 2016.
8	Participated in a three day National Level Workshop on “Research Methodology and Report Writing” organized by Department of EEE, SVU College of Engineering, Tirupati during 21 st -23 rd April-2016
7	Participated in the Faculty Development Program on “Intellectual Property Rights (IPR)” during 18 th to 20 th November-2015 at S V University College of Engg, Tirupati.
6	Participated in a two day workshop on “Wavelet transforms in Signal Processing”, held at Department of ECE, SVU College of Engineering, Tirupati during 14-15 th March, 2015
5	Participated in a two day workshop on “Initiatives for Quality Improvement in Engineering Education”, organized by SVU College of Engineering, Tirupati, during 15-16 th November 2014
4	Participated in a Workshop on “Intellectual property rights”, held in S V University College of Engg, Tirupati on 8 th July, 2014
3	Participated in the Two-Week Faculty Development Program on “Foundation Skills in Information Technology” during 20 th to 30 th January-2014 at SVU College of Engineering, Tirupati.
2	Participated in the Faculty Development Program on “Developing Employability skills among Students – Industry Perspective” on 27 th July-2013 at SVU College of Engineering, Tirupati and Tata Consultancy Services Ltd, Hyderabad.
1	Participated in the Faculty Development Program on “Student outcomes-based Engineering Education for enhanced employability” on 5 th January-2013 at SVU College of Engineering, Tirupati.

(15) Interactions/ Assignments with Outside World

S.No.	Interaction/ Assignments
1	APEAPCET-2023 State Committee Member
2	State Government Nominee for UGC Autonomous Status Visit - 2019
3	B.O.S. Member – SRKR Engineering College, Bhimavaram-2019 to till Date
4	B.O.S. Member – NEC, Nellore -2021 to till date
5	B.O.S. Member – NEC, Gudur – 2021 to till date

(16) Extension / outreach activities :

S.No.	Extension/outreach activities
1	Tree Plantation near OAT, SVUCE S.V.U. Dec-2022
2	Community Development through Education (BCDE) Dec-2022
3	Tree Plantation in SVU Campus- Dec-2021
4	Tree Plantation on the EVE of E-Blaze, Department of EEE.

(17) Chairing the Session for International Conference:

S.No	Program Details
1	Prof. M. Damodar Reddy, Dept. of EEE, SVUCE acted as Session ChairPerson for the International Conference on “Green Power Technology in Power Grid: Issues, Challenges and Control ICGPTPG-2019” organized by SVU College of Engineering, Tirupati during 19 th -21 st December 2019.

(18) Memberships of professional Bodies:

Life Member, ISTE

Fellow, The Institute of Engineers (India) – F23010134719C

Date: 13-09-2023