

Curriculum- Vitae

1. Name and full correspondence address MANISHA DUBEY, Professor & Dean
(Institutional Development &
International Relations), MANIT Bhopal,
MP-462003, India.
2. Email(s) and contact number(s) manishadubey6@gmail.com,
9109429592
3. Institution Maulana Azad National Institute of
Technology (MANIT), Bhopal
4. Gender (M/F/T) F
5. Academic Qualification (Undergraduate Onwards)

S. No	Degree	Year	Subject	University/Institution	% of marks
1.	B.E.	1990	Electrical Engineering	R.D.V.V., Jabalpur/ Govt. Engg. College Jabalpur	89.26
2.	M.Tech.	1997	Heavy Electrical Equipment (Power Systems)	Barkatullah University, Bhopal/ MACT, Bhopal	84.65
3.	PhD	2006	Electrical Engineering	RGPV, Bhopal/ MANIT, Bhopal	
4.	Program on Leading and Managing (PLAM III)	Feb – Sep 2010	Leadership & Management	IIM Calcutta -	Excellent Grade in Project

6. Ph.D thesis

Title	Supervisor's Name	Institute/ Organization/ University	Year of Award
Enhancement of small signal stability of power system using stabilizing controls	Prof. Gayatri Agnihotri, Prof. Avdresh Sharma	RGPV, Bhopal/ MANIT, Bhopal	2006

7. Area of specialisation

Power System, Application of Artificial intelligence in Electrical Systems, Distributed Generation, Integration of Renewable Energy Resources.

8. Present Position

Post: Professor and Dean (Institutional Development & International Relations)

Organization: MANIT, Bhopal

Pay Scale: 14 A (Rs 159100-220200) + DA + Other Allowances (AGP 10,500)

Date of Appointment to the present post: 01/07/2010

9. Total Experience (in Years and months): 31 years

10. Work experience (in chronological order)

S. No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Trainee in Electrical Maintenance & Electrical Data processing under scheme of the 'Ministry Of Education, Government Of India'	Indian Ordinance Gun Carriage Factory (G.C.F.) Jabalpur.	15.01.1991	08.09.1991	Rs. 5000/- Consolidated
2.	Lecturer	Department Of Electrical Engineering Government Engineering College Jabalpur	06.12.1991	30.06.1992	Rs. 6000/- Consolidated
3.	Lecturer	Department Of Electrical Engineering, MACT, Bhopal	01.07.1992	30.06.1998	
4.	Senior Lecturer	Department Of Electrical Engineering, MACT, Bhopal	01.07.1998	30.06.2003	
5.	Assistant Professor	Department Of Electrical Engineering, MANIT, Bhopal	01.07.2003	30.06.2006	
6.	Associate Professor	Department Of Electrical Engineering, MANIT, Bhopal	01.07.2006	30.06.2010	
7.	Professor	Department Of Electrical Engineering, MANIT, Bhopal	01.07.2010	Till date	AGP 10000 AGP 10500 from 01/07/2018

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship

S. No	Name of Award	Awarding Agency	Year
1.	IEEE Senior Member Award	IEEE, USA	2021
2.	Best Research Paper Award (International Conference)	International Research Conference 2019, ICEESD 2019, San Francisco, USA	2019
3.	Certificate Course Programme on Leading & Managing (PLAM-III) Awarded Excellent Grade for Review Project	Indian Institute of Management (IIM) Calcutta	2010
4.	Best Research Paper Award (International Conference)	WSEAS International Conference on CIRCUITS, SYSTEM, COMMUNICATION and COMPUTERS (CSCC09) at Rodos Island, Greece, July 22-24, 2009	2009
5.	Awarded 03 Gold Medals for securing First Class First Position in Bachelor of Engineering, (a) Securing highest marks in B.E. (Electrical), (b) Securing highest	R.D.V.V, Jabalpur	1985-1990

S. No	Name of Award	Awarding Agency	Year
	marks in B.E. among all the branches, (c) Securing highest marks in aggregate of all 5 years of B.E. Course		
6.	National Merit Scholarship	State Board Examination	1986

12. Administrative / Extra Curricular Activities:

S. No.	Designation/ Post Held	Form Date	To Date
1.	Member, Board of Governors, MANIT, Bhopal	September 14, 2022	Till Date
2.	Nominated BoG Member to Finance Committee, MANIT, Bhopal	December 13, 2022	Till Date
3.	Dean (Institutional Development and International Relations)	Nov 1, 2020	Till Date
4.	Chairperson, Unnat Bharat Abhiyan (UBA)	Nov 1, 2020	Till Date
5.	Dean (Student Welfare)	May 1, 2021	Jul 1, 2021
6.	HoD, Department of Electrical Engineering	Oct 22, 2018	Oct 21, 2020
7.	Associate Dean (PG/ PhD)	Jun 11, 2014	Mar 3, 2015
8.	Chairman PG & Ph.D., CCMT 2014	May 27, 2014	Mar 3, 2015
9.	Warden, Kalpana Chawla Bhawan Girls Hostel	Oct 29, 2005	Oct 29, 2008
10.	Chairman, Selection Committee (IIIT, Bhopal)	Dec 8, 2021	Dec 8, 2021
11.	Vice -Chair, IEEE Power Electronics Society (PELS), Industrial Electronics Society (IES), Industry Relation Committee (IRC) Coordination M.P. Section	Feb 2023	Till Date
12.	Member, Review Committee for Fee Structure for MBA Programme	Jun 30, 2021	Aug 30, 2021
13.	Members, Selection Board of Electrical Engineering Faculty	Jun 15, 2019	Feb 15, 2020
14.	Member Post Graduate Admission Committee	Jan 1, 2002	Feb 1, 2008
15.	Member, State of Art Lab, Electrical Engineering	Sep 9, 2010	Dec 1, 2012
16.	Coordinator, TEQIP	Sep 9, 2010	Sep 8, 2012
17.	Course Coordinator, M.Tech Entrance Exam	May 22, 2007	May 25, 2009
18.	Staff Advisor	Jan 1, 2001	Jan 1, 2002
19.	Programme Officer, NSS Girls Wing	Aug 18, 2005	Aug 17, 2007
20.	DRPC Coordinator	Jun 4, 2014	Mar 4, 2015
21.	Member, Women Sexual Harassment Committee	May 5, 2014	Apr 30, 2022
22.	Member Academic Monitoring committee	Jun 30, 2014	Mar 3, 2015
23.	Ph.D. Coordinator	Oct 17, 2013	Mar 16, 2014
24.	Prof. I/c Faculty Welfare	Aug 10, 2009	Aug 9, 2012
25.	Member of Scrutiny Committee (Electrical Engineering) for CAS	Feb 2, 2008	Sep 2, 2009

S. No.	Designation/ Post Held	Form Date	To Date
26.	Coordinator of Teaching Learning Process in Design and Management of Change	Feb 2, 2013	Feb 2, 2014
27.	Member, Internal Complaint Committee (ICC)	May 23, 2018	Apr 30, 2022
28.	Member College Buildings, Development, Management and Maintenance Committee	Jan 1, 2002	Feb 1, 2004
29.	Member Training and Placement Cell	Feb 2, 2003	Feb 1, 2005
30.	Staff Advisor of Electrical Engineering Association	2001	2002
31.	Chairperson DPRC, Electrical Engg. Dept	Oct 22, 2018	Oct 21, 2020
32.	Chairperson DPPC, Electrical Engg. Dept	Oct 22, 2018	Oct 21, 2020
33.	Chairperson DUPC, Electrical Engg. Dept	Oct 22, 2018	Oct 21, 2020

13. Publications in Reputed /Peer Reviewed International Journals: 59

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Vidhya Fulmali, Manisha Dubey, Gaurav Gupta	Deep Belief Network-Based Investigation of A New Fast MPPT Technique For PV Systems Under Non-Uniform Irradiation Conditions	Webology (ISSN: 1735-188X)	Volume 18, Number 5	544-553	2021
2.	Anil Gupta, Manisha Dubey ISSN: 0011-9342	State of Art & Comprehensive Study in The Area of Three Phase Self Excited Induction Generator	Design Engineering Journal	Vol 2021 Issue 7	13264 - 13277	2021
3.	Jaydeep Lakwal , Manisha Dubey , Gaurav Gupta	Fuzzy Logic Controller for An Asymmetric Multilevel Inverter in Railway EMUs with Different Motor Loading Effects	International Journal of Modern Agriculture	9(4)	773-786,	2020
4.	Jaydeep Lakwal, Manisha Dubey	Fuzzy Logic Based Control of Multilevel Inverter for Railway Traction System	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958,	Volume -9 Issue- 3,	1867-1873	2020

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
5.	Jaydeep Lakwal, Manisha Dubey	An Asymmetric Extended Modular Transistor Clamped Multilevel Inverter – An Energy Efficient Systems	International Journal of Advanced Science and Technology	Vol. 29, No. 03,	pp. 4558 – 4572.	2020
6.	Jaydeep Lakwal, Manisha Dubey, Gaurav Gupta	Investigation on Multilevel Inverter applied for Railways Traction Systems: Economically efficient	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001	Vol. 10, Issue 3,	4881-4896	2020
7.	Arya, A., Mathur, S.P.S. & Dubey, M.	Optimal generator side bidding with carbon emission trading and risk management.	CSI Transactions on ICT	8	235-240	2020
8.	Arya, A., Gupta, G. & Dubey, M.	Enhancement of electricity wheeling charges by incorporating FACTS controller in restructured power system,	CSI Transactions on ICT	8	205-211	2020
9.	Vidhya Fulmali, Manisha Dubey	An Intelligent Control Techniques for MPPT in Solar Photovoltaic System	International Journal of Advanced Science and Technology,	29(2)	830 – 845	2020
10.	Vidhya Fulmali, Manisha Dubey,	Design a Novel Model for Improving MPPT in Solar Photovoltaic System	Journal of TEST Engineering & Management	83	Page No.25224-25233	2020
11.	Manisha Dubey, Gaurav Gupta, Anoop Arya	Influence of Power Flow Controller on Energy Transaction Charges in Restructured Power System	World Academy of Science, Engineering and Technology International Journal of Energy and Power Engineering	13 (8)	592-597	2019

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
12.	Somendra P.S. Mathur Anoop Arya, Manisha Dubey	Impact of Emission Trading on Optimal Bidding of Price Takers in a Competitive Energy Market	Advances in Intelligent System and computing, Springer	741	171-180	2019
13.	Tarun Kumar Tailor, Yogendra Kumar, Manisha Dubey	Congestion Management by Optimal Generation Rescheduling Using Sine Cosine Algorithm	International Journal of Engineering & Technology , ISSN 2227-524X	7 (4)	4962-4967	2018
14.	Gaurav Gupta, Manisha Dubey ,Anoop Arya	Cost allocation of reactive power using Matrix methodology in transmission network	International Journal of Advances in Applied Sciences (IJAAS)	7	226-232	2018
15.	Alka Nimbhorkar, Manisha Dubey	Design of Neural Network Based Sensorless Induction Motor Speed Control Drive	International Journal of Innovative research in Science, Engineering and Technology (IJIRSET)	6(2)	2447-2454	2017
16.	Alka Nimbhorkar, Manisha Dubey	Sensorless Induction Motor Drive using Intelligent Techniques	International Journal of Innovative research in Science, Engineering and Technology (IJIRSET)	6(2)	2447-2454	2017
17.	Gaurav Gupta, Manisha Dubey ,Anoop Arya	Transmission Loss Minimization and Cost allocation Model in Restructured Power System	International Journal of Current Trends in Engineering & Technology	3	402-405	2017
18.	S. Mathur, A. Arya, M.Dubey	Optimal bidding strategy for price takers and customers in a competitive electricity market	Cogent Engineering , Taylor Francis online	1(4)	1-15	2017

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
19.	Jaydeep Lakwal Manisha Dubey	Fuzzy Logic Controller for Sensorless Induction Motor Drive	Journal of Electrical Engineering and Electronic Technology (JEEET), A Scitechnol Journal ISSN:2325-9833	9(3)	1867-1873	2017
20.	Alka Nimbhorkar Manisha Dubey	Simulation of Microcontroller based Induction Motor Drive for Sensorless Approach (paper ID: IJRASET11454)	International Journal for Research in Applied Science and Engineering Technology, (IJRASET) ISSN: 2321-9653,	5(11)	1819-1827	2017
21.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey	Distributed generation planning including load models using different optimization techniques	Journal of Electrical Engineering (JEE)	vol. 2016, no. 1	1-12	2016
22.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey	Optimal Sizing and Sitting of DG with Load Models using Soft Computing Techniques in Practical Distribution System	IET Generation, Transmission & Distribution	10(6)	1-16	2016
23.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey	The OPF and Butterfly-PSO (BF-PSO) technique based optimal location and sizing of distributed generation in mesh system	Electrical and Electronics Engineering: An International Journal (EELIJ)	4(2)	127-141	2015
24.	Aashish Kumar Bohre, Ganga Agnihotri, and Manisha Dubey	The Optimal Distributed Generation Placement and Sizing Using Novel Optimization Technique	Middle-East Journal of Scientific Research (MEJSR)	23(6)	1228-1236	2015

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
25.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey, and Shilpa Kalambe	Assessment of intricate DG planning with practical load models by using PSO	Electrical & Computer Engineering: An International Journal (ECIJ)	4(2)	15-22	2015
26.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey, and Shilpa Kalambe	Impacts of the Load Models on Optimal Sizing and Siting of Distributed Generation in Distribution System	World Applied Sciences Journal (WASJ)	33(7)	1197-1205	2015
27.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey	The Butterfly-Particle Swarm Optimization (Butterfly-PSO/BF-PSO) Technique and Its Variables	International Journal of Soft Computing, Mathematics and Control (IJSCMC)	4(3)	23-39	2015
28.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey, and Shilpa Kalambe	Impacts of the Load Models on Optimal Planning of Distributed Generation in Distribution System	Advances in Artificial Intelligence, Hindawi	vol. 2015	1-10	2015
29.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey	The optimal planning of distributed generation using OPF and Butterfly-PSO (BF-PSO) technique	Journal of Electrical Engineering (JEE)	vol. 2015, no. 4	1-12	2015
30.	Alka Nimbhorkar, Manisha Dubey	Application of Fuzzy Control Algorithms and Simulation using MATLAB for Speed Control of Sensorless Drive of Induction Motor	International journal of research in advent technology	3(3)	312-318	2015

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
31.	Alka Nimbhorkar, Manisha Dubey	Series Operation of Power IGBT's for Gate Drive Circuit for Three Phase Inverter using OrCAD Applicable in Induction Motor Speed Control Drive	Advanced Research in Electrical and Electronic Engineering (AREEE) Journal	2(3)	224-227	2015
32.	Alka Nimbhorkar, Manisha Dubey	Design Algorithm of Artificial Intelligence for Speed Control of 3-phase Squirrel-Cage Induction Motor (SCIM)	Advanced Research in Electrical and Electronic Engineering (AREEE) Journal	2(3)	244-248	2015
33.	Arun Kumar Datta, Manisha Dubey, Shailendra Jain	Effect of Static Power Supply in Alternator Used for Short-Circuit Testing-Observation of Shaft Voltage	IEEE Transactions on Power Electronics	29(11)	6074-6080	2014
34.	Sharad Goyal Manisha Dubey	Comparison of Sensor based and Sensorless Technique to Estimate Rotor Position	International Journal of Industrial Electronics and Electrical Engineering	2(3)	1-4	2014
35.	P N H Phanindra kumar D M Deshpane, Manisha Dubey	Modeling of Vector Controlled Induction Motor in Different Reference Frames	International Journal of Innovative Research in Science, Engineering and Technology	2(3)	71-78	2014
36.	P N H Phanindra kumar D M Deshpane , Manisha Dubey	Model Reference Adaptive System (MRAS) Based Speed Sensorless Vector Control of Induction Motor Drive	International Journal on Recent and Innovation Trends in Computing and Communication	2(6)	1554-1559	2014

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
37.	Anoop Arya Yogendra Kumar, Manisha Dubey	Non-dominated Sorting Particle Swarm Optimization based Fault Section Estimation in Distribution Networks	Advances in Intelligent Systems and Computing, Springer-Verlag	2	471-487	2014
38.	Arun Kumar Datta, Manisha Dubey, Shailendra Jain	Modelling and Simulation of Static Excitation System in Synchronous Machine Operation and Investigation of Shaft Voltage	Advances in Electrical Engineering, Hindawi Publishing Corporation	vol. 2014, Article ID 727295	9 pages	2014
39.	Aashish Kumar Bohre, Ganga Agnihotri, Manisha Dubey, and Jitendra Singh Bhadoriya	A novel method to find optimal solution based on modified butterfly particle swarm optimization	International Journal of Soft Computing, Mathematics and Control (IJSCMC)	3(4)	1-14	2014
40.	Manisha Dubey	Simulation of Static Frequency Converter for Synchronous Machine Operation and Investigation of Shaft Voltage	International Journal of Electrical and Computer Engineering			2014
41.	Amit Shrivastava Manisha Dubey	Enhancement Of Power System Dynamic Stability Using Interactive Artificial Bee Colony Based Power System Stabilizer	International Journal of Electrical Electronics and Telecommunication Engineering	44(2)	1150-1156	2013
42.	Amit Shrivastava Manisha Dubey	Damping of Power System Low Frequency Oscillations Using Interactive Artificial Bee Colony Based Multiband Power System Stabilizer	International Journal of Current Engineering Sciences	3(2)	20-27	2013

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
43.	Amit Shrivastava Manisha Dubey, Yogendra Kumar	Optimization Techniques Based Power System Stabilizer's: An Overview	International Journal on Emerging Technologies	4(1)	50-54	2013
44.	Pureti Veera Brahmam, Daravath Bharath, Manisha Dubey	Solar Based Three Level T-Type Converter For Low Voltage Application	International Journal of ChemTech Research CODEN (USA): IJCRGG	5(5)	2449-2455	2013
45.	Arun Kumar Datta, Manisha Dubey, Shailendra Jain	Study of Shaft Voltage on Short Circuit Alternator with Static Frequency Converter	WASET: International Journal of Electrical, Electronic Science and Engineering	7(11)	692-698	2013
46.	Arun Kumar Datta, Manisha Dubey, Shailendra Jain	Investigation of Bearing Currents in Dual Mode Operation of Synchronous Machine With Static Excitation System	Electrical and Electronics Engineering: An International Journal (EELIJ)	2(4)	45-53	2013
47.	Anoop Arya Yogendra Kumar, Manisha Dubey	Computational Intelligence Techniques applied to Distribution Service Restoration - A survey of the state of the art	International Review on Modelling and Simulation, Praiseworthy Prize Publications	5(2)	702-713	2012
48.	Amit Shrivastava Manisha Dubey, Yogendra Kumar	Power System Stabilizer Based On Different Methods & Technique: A Review	International Journal of Electrical, Electronics and Computer Engineering	1(2)	65-71	2012
49.	Anoop Arya Yogendra Kumar, Manisha Dubey, Radharaman Gupta	Multi-Objective Fault Section Estimation in Distribution Systems using Elitist NSGA	Advances in Intelligent Systems and Computing , Springer- Verlag	202	211-219	2012

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
50.	Anoop Arya Yogendra Kumar, Manisha Dubey	Reconfiguration of Electric Distribution Network using Modified Particle Swarm Optimization	International Journal of Computer Applications, Foundation of Computer Science USA	34(6)	54-62	2011
51.	Manisha Dubey Nikos E. Mastorakis	Genetic Algorithm based fuzzy logic power system stabilizers in multi-machine power system	WSEAS Transactions on Systems and Control	5(5)	312-322	2010
52.	Manisha Dubey Nikos E. Mastorakis	Design of fuzzy logic power system stabilizers in multimachine power system using genetic algorithm	WSEAS Transactions on Systems and Control	5(5)	312-322	2010
53.	Manisha Dubey Nikos E. Mastorakis	Tunning of Fuzzy Logic Power System Stabilizers using Genetic Algorithm in Multi-machine Power System	WSEAS Transactions on Power Systems	4(3)	105-114	2009
54.	Manisha Dubey, Gayatri Agnihotri, Avdhesh Sharma	Design of Robust fuzzy logic based damping controller using genetic algorithms	DIAS Technology Review – The International Journal for Business and IT	2(2)	19-25	2006
55.	Manisha Dubey, Gayatri Agnihotri, Avdhesh Sharma	Optimal Tuning of Parameters of Fuzzy Logic Power System Stabilizer using Genetic Algorithm	WSEAS Transactions on Systems	4(3)	225-232	2006
56.	Manisha Dubey Nikos E. Mastorakis	Design of Genetic Algorithm based Power System Damping Controller	WSEAS Transactions on Power Systems	1(5)	917-923	2006
57.	Manisha Dubey Aalok Dubey, Nikos E. Mastorakis	Robust Design of Fuzzy Logic Power System Stabilizer using Multi-objective Genetic Algorithm ”	WSEAS Transactions on Power Systems	1(6)	1069-1076	2006

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
58.	Manisha Dubey Aalok Dubey, Nikos E. Mastorakis	Simultaneous Stabilization of Multi-machine Power System using Genetic Algorithm based Power System Stabilizers	WSEAS Transactions on Systems and Control	1(2)	247-252	2006
59.	Manisha Dubey, Pankaj Gupta	Design of Genetic-Algorithm Based Robust Power System Stabilizer	International Journal of Computational Intelligence, Turkey	2(1)	48-52	2005

14. Publications in National Journals: 02

1. Manisha Dubey, Gayatri Agnihotri, Avdhesh Sharma "Optimization of Conventional Power System Stabilizer"- Journal of MANIT, Bhopal, Volume 37, 2005, ISSN 0379-5144, pp.45-55.
2. Manisha Dubey, Gayatri Agnihotri, Avdhesh Sharma " Design and Performance analysis of Power System Stabilizer using Different Optimization Techniques "- Journal of MANIT, Bhopal- Accepted for Publication in issue of 2007.

15. Books/Reports/Chapters: 03

S. No	Title	Author's Name	Publisher	Year of Publication
1.	Multi-Objective Fault Section Estimation in Distribution Systems using Elitist NSGA ISBN: 978-81-322-1040-5 (Book Chapter)	Anoop Arya, Yogendra Kumar, Manisha Dubey, Radharaman Gupta	Advances in Intelligent Systems and Computing, Springer, New Delhi	2012
2.	Non-dominated Sorting Particle Swarm Optimization based Fault Section Estimation in Distribution Networks ISBN: 978-81-322-1767-1 (Book Chapter)	Anoop Arya, Yogendra Kumar, Manisha Dubey,	Advances in Intelligent Systems and Computing, Proceedings of the Third International Conference on Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing, vol 259. Springer, New Delhi	2014
3.	Optimal DG Planning with Different Load Models using Soft Computing ISBN: 978-613-9-45620-8	Aashish Kumar Bohre Ganga Agnihotri Manisha Dubey	LAP Lambert Academic Publishing	2019

16. Publications in International Conferences: 56

- [1] Rituraj Mandloi, Manisha Dubey Jatoth, Rajender, "Grid-Solar powered Electric Vehicle Charging System with Bidirectional Charging", 2023 IEEE International Conference on Renewable Energy and Sustainable E-Mobility (RESEM 2023), 17-18 May 2023, MANIT, Bhopal
- [2] Rituraj Mandloi, Rajender Jatoth, Manisha Dubey, "Grid Integrated Electrical Vehicle Bi-Directional Charging Station", 2023 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), 19-20 Feb. 2023, MANIT, Bhopal (979-8-3503-9878-8/23/\$31.00 ©2023 IEEE)
- [3] Rahul Rai, Manisha Dubey, Mukesh Kirar, Mayank Kumar, "Analytical Analysis of Solar PV Module", 2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), 19-20 Feb. 2022, MANIT, Bhopal (978-1-6654-1418-0/22/\$31.00 ©2022 IEEE)
- [4] Sanddep K Patel, Manisha Dubey, N.P. Patidar, "Voltage Control of a standalone of PV Power System" 2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), 19-20 Feb. 2022, MANIT, Bhopal. (978-1-6654-1418-0/22/\$31.00 © 2022 IEEE)
- [5] Rajender Jaoth, Manisha Dubey, "High Voltage Trigger Generator for Magnetic Pulse Welding System", 2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), 19-20 Feb. 2022, MANIT, Bhopal (978-1-6654-1418-0/22/\$31.00 ©2022 IEEE)
- [6] Vidhya Fulmali, Manisha Dubey, "Comparative Study on Maximum Power Point Tracking Techniques for Efficient Operation of Photovoltaic Systems" International Conference on "Contemporary Global Trends and Research in Electrical and Electronics Engineering" CGTREEE-2019, 29th-30th March 2019, Indore Madhya Pradesh.
- [7] Gaurav Gupta, Manisha Dubey, Anoop Arya "Effect of FACTS Devices on Transmission Pricing in Restructured Power System" International Conference on Materials, Applied Physics and Engineering (ICMAE), 3-4 June, 2018, Indore, India, pp.81
- [8] Ankit Tyagi, Manisha Dubey, Suresh Gawre "Advance Monitoring of Electrical and Environmental Parameters of PV System: A Review" IEEE International Conference on Sustainable Energy, Electronics, and Computing Systems (SEEMS-2018)
- [9] S. Mathur, A. Arya, M. Dubey, "A review on bidding strategies and market power in a competitive energy market", IEEE International conference on Energy, Communication, Data analytics & soft computing (ICECDS-2017) 1-2 August 2017, Chennai, India. (Scopus indexed).
- [10] Jaydeep Lakwal, Manisha Dubey, "Design and Implementation of an Extended Modular Structure of Transistor Clamped H-Bridge Multilevel Inverter for Single DC Source" 2015 IEEE International Conference on Industrial Instrumentation and Control (ICIC), College of engineering Pune India, 28-30 May 2015, pp. 1296-1299. (Scopus Indexed)
- [11] Gupta. Gaurav, Dubey. Manisha, Khan. Baseem "A PSO Based Approach for Usage and Cost Allocation Under Contingent Restructured Market" IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES) Location: Kozhikode, INDIA Date: FEB 19-21, 2015 Sponsor(s): IEEE Kerala Sect; NIT Calicut
- [12] Aashish Kumar Bohre, Ganga Agnihotri, and Manisha Dubey, "Hybrid butterfly based particle swarm optimization for optimization problems," First International Conference on Networks & Soft Computing (ICNSC), IEEE, VIGNAN University, Vadlamudi, Guntur, Andhra

- Pradesh, INDIA, 2014, pp.172-177, 19-20 Aug. 2014. Doi: 10.1109/CNSC.2014.6906650. (Scopus indexed)
- [13] Jaydeep Lakwal, Manisha Dubey, "Modeling and Simulation of a Novel Multilevel Inverter for PV Systems using Unequal DC Sources" 2014 IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT) Ramanathapuram, July, 2014, pp. 296-300. (Scopus Indexed)
 - [14] Santosh Kumar, Manisha Dubey, Aalekh Ranjan, "Permanent Magnet Linear Generator Design for Wave Power" , International Conference on Computing, Communication and Electrical Technologies (ICCCET-2014) at Vivekanandha Institute of Engineering and Technology for Women, Tiruchengode on 4th - 5th April, 2014 – Accepted for publication
 - [15] Sharad Goyal, Manisha Dubey, "Comparison of Sensor based and Sensorless Technique to Estimate Rotor Position" Proceedings of IRAJ RESEARCH FORUM International Conference on Industrial Electronics and Electrical Engineering (ICIEEE) in association with IRAJ (ISO 9001:2008 certified) , Pune 23 February 2014, ISBN: 978-93-82702-61-0, PP.63-66.
 - [16] P N H Phanindra kumar, D M Deshpande, Manisha Dubey" Modeling of Vector Controlled Induction Motor in Different Frame" IEEE International Conference on Innovations in Engineering & Technology ICIET-14 at K L N College of Engineering, Tamilnadu
 - [17] Anoop, Yogendra Kumar, Manisha Dubey, "Non-dominated Sorting Particle Swarm Optimization based Fault Section Estimation in Radial Distribution Systems", published in Third International Conference on Soft Computing for Problem Solving (SocPros13), organized by IIT Roorkee, held at Greater Noida Extension Centre of IIT Roorkee, December 26 – 28, 2013 , Greater Noida, India.
 - [18] Amit Shrivastava, Manisha Dubey, Yogendra Kumar, "Design of Interactive Artificial Bee Colony Based Multiband Power System Stabilizers in Multi Machine Power System, IEEE International conference CARE-2013 Jabalpur, 16-18 Dec. 2013. (10.1109/CARE.2013.6733754)
 - [19] Anoop, Yogendra Kumar, Manisha Dubey, "Optimal Location of Shunt Faults in Distribution Networks using Non-dominated Sorting Particle Swarm Optimization", published in International Conference on Recent Trends in Power, Control and Instrumentation Engineering – PCIE2013, organized by the Association of Computer Electronics and Electrical Engineers (ACEEE) and published by Elsevier, Nov 08-09, 2013, Hyderabad, India
 - [20] Anoop Arya, Yogendra Kumar, Manisha Dubey , "Optimal Service Restoration for Smart Grids using Mean Variance Mapping Optimization", IEEE Int. Conf. on Innovative Smart Grid Technology, Europe to be held from 6-9, Oct. 2013, Copenhagen, Denmark – Under Review.
 - [21] Manisha Dubey, Aalok Dubey and Amit Shrivastava "PSO Based Power System Stabilizer to Improve Power System Stability" 2nd International Conference on Mechanical, Electronics and Mechatronics Engineering (ICMEME'2013) June 17-18, 2013 at London (United Kingdom), pp. 101-103
 - [22] Pureti Veera Brahmam, Daravath Bharath, Manisha Dubey, "Solar Based Three Level T-Type Converter For Low Voltage Application" , International Conference on Global Scenario in Environment and Energy (ICGSEE'2013) , 14th – 16th March 2013,
 - [23] Anoop Arya, Yogendra Kumar, Manisha Dubey, Radharaman Gupta, " Multi-Objective Fault Section Estimation in Distribution Systems using Elitist NSGA", Proc. of 7th Int. Conf. on BICTA'2013, ABV-IIITM , Gwalior, INDIA, 14-16 Dec. 2012.
 - [24] Anoop Arya, Yogendra Kumar, Manisha Dubey, "Evolving Non-dominated Solutions in Multi-Objective Fault Section Estimation for Automated Distribution Networks" Proc. Of Int.

- Conf. on Power Syst. Tech. (POWERCON2010), Hangzhou, CHINA organized by IEEE-PES, 24-28 Oct. 2010. Pp. 32, Link-978-1-4244-5939-1/10/\$26.00©2010
- [25] Anoop Arya, Manisha Dubey, Yogendra Kumar, "Distribution System Service Restoration: Survey and Discussion of possible Innovative Enhancements", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th -28th August 2010, P 13
 - [26] Manisha Dubey, Upasana Rajput, "SIC GTO thyristor loss model for HVDC Application", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 37.
 - [27] Manisha Dubey, Aparna Dubey, Praveena Dubey, Rajya Lakshmi Jaldi, "State space modelling and analysis of vector controlled three phase induction motor", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 71.
 - [28] Manisha Dubey Amit Shrivastava, Yogendra Kumar, "Fuzzy Logic control for power System Stabilization", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 76.
 - [29] Manisha Dubey , Arun K Dutta, N.R. Mondal, B.V. Raghavaiah, "Motor less operation of short circuit generator : A CPRI Perspective", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 80.
 - [30] Manisha Dubey , Bikram Chhetri, "Artificial Neural Network based model identification for hydro power plant(A detail study of Chukha hydro power project)" , International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 80.
 - [31] Manisha Dubey Amit Shrivastava, Yogendra Kumar, "Review of different methods for enhancement of power system stability", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 88.
 - [32] Manisha Dubey, Pavan Metha, "Stator voltage oriented V/F control method capable of high output torque at low speed", International Conference on Electrical Power and Energy Systems , (ICEPES2010) at MANIT, Bhopal, India, 26th – 28th August 2010, P 89.
 - [33] Manisha Dubey, Aalok Dubey, "Genetic Algorithm Based Design of Fuzzy Logic Power System Stabilizers in Multimachine Power System" – WASET , International Conference on Computer, Electrical, and Systems Science, and Engineering, (ICCESSE 2010), ISSUE 66 ISSN 2070-3724 , at Paris, France , 28th -30th June 2010, pp.1223-1230.
 - [34] Manisha Dubey, Bikram Chhetri, "Artificial Neural Network Based Model Identification for Hydro Power Plant (A Detail Study of Chukha Hydro Power Project" International Conference on Advances in Renewable Energy, ICARE-2010 at MANIT, Bhopal on June 24-26, 2010, pp.371-376.
 - [35] Manisha Dubey, Nikos E. Mastorakis," Genetic Algorithm based fuzzy logic power system stabilizers in multimachine power system" 13th WSEAS International Conference on CIRCUITS, SYSTEM, COMMUNICATION and COMPUTERS (CSCC09) ISSN: 1790-2769, ISBN: 978-960-474-097-0 at . Rodos Island, Greece, , July 22-24, 2009, pp. 523-532.
 - [36] Manisha Dubey, Anoop Arya, Yogendra Kumar, "Fault Section Estimation using fast and elitist method-NSGA-II", International Conference on Energy Engineering(ICEE -2009), Pondicherry Engg. College, Puducherry, INDIA, 7th -9th Jan 2009, pp. 722-728.
 - [37] Manisha Dubey, "Design of Genetic Algorithm Based Fuzzy Logic Power System Stabilizers in Multi-machine Power System" Published in IEEE POWERCON 2008 & Joint International

- Conference on Power System Technology and IEEE Power India Conference ,978-1-4244-1762-9/08/\$25.00 ©2008 IEEE , October 12-15,2008 at New Delhi, INDIA.
- [38] Manisha Dubey, "Design of Genetic Algorithm Based Power System Stabilizers For Simultaneous Stabilization of Multimachine Power System" Accepted for publication in International Conference on Power System Analysis, Control Optimization (PSACO-08) 13th-15th March 2008 at Andhra University College Of Engineering (Autonomous) Visakhapatnam, Andhra Pradesh, INDIA.
 - [39] Manisha Dubey, "Design of Genetic Algorithm based Power System Stabilizers in Multimachine Power System" International conference on Soft Computing & Intelligent Systems-ICSCIS-07, pp. 214-219, December 27-29,2007 at Jabalpur Engineering College, Jabalpur.
 - [40] Manisha Dubey, Aalok Dubey, Nikos E. Mastorakis," Simultaneous Stabilization of Multimachine Power System using Genetic Algorithm based Power System Stabilizers" Proceedings of the 6th WSEAS/ IASME International Conference on Electric Power Systems, High Voltages, Electric Machines (POWER06), December 16-18, 2006, ISSN 1790-5095,pp.208-213 at Tenerife, Canary Islands, Spain.
 - [41] Manisha Dubey," simultaneous stabilization of multi-machine power system using genetic algorithm based power system stabilizers"- Accepted for publication in 41st International Universities Power Engineering Conference (UPEC 06) at Northumbria University, Newcastle, 6th-8th September, 2006.
 - [42] Manisha Dubey, Nikos E. Mastorakis, "Robust Design of Fuzzy Logic Power System Stabilizer using Multiobjective Genetic Algorithm " Proceedings of the 7th WSEAS International Conference on Evolutionary Computing (EC06), 12th –15th June 2006, ISSN 1790-5109,pp.58-65 at Cavtat, Croatia, Greece.
 - [43] Manisha Dubey, Nikos E. Mastorakis, " Design of Genetic Algorithm based Power System Damping Controller" Proceedings of the IASME/WSEAS International Conference on Energy & Environmental Systems (EE06), 8th –13th May 2006, ISSN 1790-5095,pp.132-138 at Chalkida, Evia Island, Greece.
 - [44] Manisha Dubey, "Optimal design of fuzzy logic power system stabilizer using genetic algorithm" International conference on Resource Utilisation and Intelligent Systems-INCRUIS-2006, January 4-6,2006 at Erode (T.N.) - Accepted.
 - [45] Manisha Dubey, "Genetic Algorithm based Tuning of Fuzzy Logic Damping Controller for Multimachine Power System",2nd Indian International Conference on Artificial Intelligence-IICAI-05, December 20-22, 2005, pp.5-15 at NIA, Pune.
 - [46] Manisha Dubey, Pankaj Gupta, "Simultaneous stabilization of Multimachine power system using genetic algorithm based power system stabilizers", - International Conference on Computer applications in Electrical Engineering Recent Advances (CERA-05), Sept.28-Oct.1, 2005-Accepted.
 - [47] Manisha Dubey, Gayatri Agnihotri, Pankaj Gupta, " Stability enhancement of power system using fuzzy logic based power system stabilizer",40th International Universities Power Engineering Conference (UPEC 05), Cork Institute of Technology,7th-9th Sepember,2005 at Cork, Ireland September 7th-9th , 2005 ,ISBN 0-9502440-4-X,pp.209.
 - [48] Avdhesh Sharma, G.K. Joshi, Manisha Dubey, " Design of fuzzy logic damping controller for power system" IEE (UK), PEITSI-2005, International conference on Energy, IT and Power Sector, , January 28-29,2005, pp.180-185 at sciencecity, Kolkata.
 - [49] Manisha Dubey, " Fuzzy Logic Controller for System Stabilization", -Accepted in global signal processing Expo & Conference, at Santa Clara, CA, USA, September 27-30, 2004.

- [50] Manisha Dubey, Gayatri Agnihotri, "Modelling and Design for the Optimum Size of Stand – Alone PV System – A Case Study for Bhopal", International conference on Recent Advances in Solar Energy Conversion Systems (ICSECS), pp. 241-250, 28-29 Sept 2002 at MANIT, Bhopal.
- [51] Anoop Arya Yogendra Kumar, Manisha Dubey, "Optimal Location of Shunt Faults in Distribution Networks using Non-dominated Sorting Particle Swarm Optimization", in the proceedings of International Conference on International Conference on Recent Trends in Power, Control and Instrumentation Engineering – PCIE2013Nov 08-09, 2013; pp-514-524 Hyderabad, India, published by Elsevier.
- [52] Anoop Arya, Somendra P.S. Mathur, Manisha Dubey, "Optimal generator side bidding with carbon emission trading and RESS" presented at 7th International Conference on Advances in Energy Research ICAER-2019 at IIT Bombay, Mumbai from 10-12 Dec'2019.
- [53] Jaydeep Lakwal and Manisha Dubey, "Modeling and Simulation of a Novel Multilevel Inverter for PV Systems using Unequal DC Sources" 2014 IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT) Ramanathapuram, India, July, 2014, pp. 296-300. (Scopus Indexed)
- [54] Jaydeep Lakwal and Manisha Dubey, "Design and Implementation of an Extended Modular Structure of Transistor Clamped H-Bridge Multilevel Inverter for Single DC Source" 2015 IEEE International Conference on Industrial Instrumentation and Control (ICIC) Pune, India, 28-30 May, 2015, pp. 1294-1299. (Scopus Indexed)
- [55] A. Nimbhorkar, M. Dubey, "Design Algorithm of Artificial Intelligence for Speed Control of 3-phase Squirrel-Cage Induction Motor (SCIM)", International Conference on Advanced in Electrical, Power Control, Electronics Engineering and Applied Communication Technology (EPEACT-2015), Krishi Sanskriti, vol. 2, no.3, pp.244-248, 14-15, March, 2015.
- [56] A. Nimbhorkar, M. Dubey, "Series Operation of Power IGBT's for Gate Drive Circuit for Three Phase Inverter using OrCAD Applicable in Induction Motor Speed Control Drive", International Conference on Advances in Electrical, Power Control, Electronics Engineering and Applied Communication Technology (EPEACT-2015), Krishi Sanskriti, vol.2, no.3, pp.224-227, 14-15, March, 2015.

17. Publications in National Conferences/ Workshops /Seminar Proceedings: 22

1. **Manisha Dubey**, "The Role of Distributed Generation in Indian Electricity Paradigm," National Conference on Advances in Engineering Research & Applications at Oriental College of Technology, Bhopal, 14th-16th March, 2013.
2. **Manisha Dubey**, "Genetic Algorithm based Intelligent damping Controller for Multimachine Power System" Proceedings of National Conference on Advances in Power System & High Voltage Engineering at Jabalpur Engineering College, Jabalpur, pp. 27-28th October 2009.
3. Mehta Hani J, Yogendra Kumar, **Manisha Dubey**, "Study of Monitoring PV Array Performance Under Partial Shading Condition", Proceedings of All India Seminar on Life Cycle Analysis, Measurement & Condition Monitoring, The Institution of Engineers (India), Bhopal, pp. 152-159, 25th-26th May 2009.
4. **Manisha Dubey**, "Design of Fuzzy Logic Power System Stabilizers using Genetic Algorithms in Multimachine Power System", National Conference on Recent Innovative Techniques in Engineering & Management" at Hitkarni Engineering College, Jabalpur, 4-5 October, 2008

5. Anoop Arya, **Manisha Dubey**, Yogendra Kumar," Fuzzy Logic Based Power System Stabilizer", Proceedings of National Conference on Advances in Power Systems and Energy Management" at Chitkara Institute of Engineering and Technology, Rajpura, Punjab, pp.12,1-2 March,2008.
6. **Manisha Dubey**, Anoop Arya, Vijay Bhuria, "Design of Fuzzy Logic Controller for Automatic Generation Control" , Proceedings of National Conference on Challenges of Power Sector in 21st Century" at Jabalpur Engg. College, Jabalpur, pp.103-106, 13-14, November 2007.
7. **Manisha Dubey**, Anoop Arya, Vijay Bhuria," Adaptive Gain Scheduling for AGC using Fuzzy Logic", Proceedinds of Industry-Institute Partnership Cell & EMD Cell sponsored National Conference on Emerging Trends in Power Electronics and Drives, LNCT,Bhopal,15-16th April 2007.
8. **Manisha Dubey**, Anoop Arya, Vijay Bhuria," AGS for Automatic Generation Control using Fuzzy Logic", Proceedings of National Conference on Role of Computers and Electronics in Power Ssystem at Jaipur Engineering College & Research Centre, Jaipur,13-15th July 2007.
9. **Manisha Dubey**, Pankaj Gupta, P. Hari K. Chary, " Design of robust power system damping controller using genetic algorithm", UGC sponsored National Conference on Soft Computing Techniques applied to Power System Engineering, Annamalai University(TN), March 19-20,2005.
10. **Manisha Dubey**, Pankaj Gupta, P. Hari K. Chary, " Artificial Neural Network based adaptive power system stabilizer", National seminar on Fault Diagnosis and protection of power equipment & systems, February 1-2, 2005-Presented
11. **Manisha Dubey**, Pankaj Gupta, P. Hari K. Chary, " Design of tuned fuzzy logic based power system stabilizer", IEE sponsored National Conference on Power Engineering Practices & Energy Management(PEPEM),Patiala,Punjab,pp.19-22,January, 28-29,2005.
12. **Manisha Dubey**, Gayatri Agnihotri," Design of Intelligent Fuzzy Logic Damping Controller for Power System", D52-D53, 10th Annual Conference of Vijnana Parishad of India on Mathematical Modelling, May 17-19, 2004, Maulana Azad National Institute of Technology, Bhopal.
13. **Manisha Dubey**, Amit Shrivastava," Design of supplementary controller based on frequency domain method", pp.102-107, National Conference on Modern Trends in High Voltage and Power System Engineering, July 7-8,2003, Jabalpur Engineering College, Jabalpur.
14. **Manisha Dubey**, Gayatri Agnihotri, Amit Shrivastava, "Improved Supplementary Controller to Enhance Power System Small Signal Stability", Vol.II, pp.530-533, 12th National Power System Conference, 27-29 Dec 2002, IIT, Kharagpur.
15. **Manisha Dubey**, "Strategies for establishing healthy human relation in technical institute for enhancement of quality in higher education", pp.57-63, National Seminar on TQM in Engineering Education, 9-10th Dec.2000, RIT, Raipur.
16. M.P. Kolhe, **Manisha Tiwari**, J.C. Joshi, "Solar photovoltaic Electromechanical System – An optimization of centrifugal pump load factor", Vol. II, pp.621-625, 9th National Power System Conference, Dec 1996, IIT Kanpur.
17. **Manisha Tiwari**, M.P. Kolhe, Shailendra Jain, "Strategies for Establishing Healthy Human Relations in Technical Institute", pp.350-354, National Seminar on TQM in Technical Education, 21st-22nd Dec. 1996, ISTE, MACT, Bhopal.

18. Shailendra Jain, A.M. Shandilya, **Manisha Tiwari**, Jitendra Jain, "Role of faculty for TQM in Technical Education", pp.344-349, National Seminar on TQM in Technical Education, 21st-22nd Dec. 1996. , ISTE, MACT Bhopal.
19. **Manisha Tiwari**, S.K. Bharadwaj, "Simulation studies of comparative analysis of an algorithm for system identification", National Seminar on Advanced Control Theory & Applications, 23rd-24th Dec. 1996, Directorate of Technical Education, Government Engineering College, Jabalpur.
20. **Manisha Tiwari**, "Impulse testing of transformers", All-India seminar on New trends in Electrical Insulation and Testing, 25th-27th March 1996, Directorate of Technical Education, Government Engineering College, Jabalpur.
21. M.P. Kolhe, **Manisha Tiwari**, J.C. Joshi, "Optimization of Centrifugal pump load for Solar Photo-Voltaic Electromechanical system", pp.81-83, All India seminar on Co-generation and Non-conventional Energy Sources, 24th-25th March 1996, Institution of Engineers, Jabalpur.
22. **Manisha Tiwari**, Yogendra Kumar, "Common Aspects for the development of Laboratories in Technical Education, pp.114-117, National Seminar on Development of Laboratories & Workshops of Technical Institutions, 11-12th Dec 1993, M.A.C.T., Bhopal.

18.Ph.D. Thesis Awarded: 10
PhD In progress: 02

S. No.	Name of Candidate	Title of Thesis	Year of Award	University / Institution
1.	Anoop Arya	Fault Section Estimation & detection for Distributed Network	19.08. 2013	MANIT, Bhopal
2.	Amit Shrivastava	Power System Stabilizing Controllers for Stability Enhancement	28.01. 2014	MANIT, Bhopal
3.	Arun K Dutta	Study & Analysis of self-starting mechanism of synchronous machine with solid state devices	27.09.2015	MANIT, Bhopal
4.	Aashish Bohre	Optimal Planning of Distributed Generation with Different Load Models using Soft Computing	03.06.2016	MANIT, Bhopal
5.	Gaurav Gupta	Transmission Pricing Analysis in Restructured Power System	13.09.2019	MANIT, Bhopal
6.	Mr. Tarun Kumar Tailor	Congestion Management in Deregulated Power System using Evolutionary techniques	16.10.2019	MANIT, Bhopal
7.	Somendra Mathur	A Techno-Economic Approach to Optimize Bidding Strategy in a Competitive Electricity Market	31.10.2019	MANIT, Bhopal
8.	Jaydeep Lakwal	Investigation on multilevel inverters for Railway Traction	18.02.2021	MANIT, Bhopal
9.	Alka Nimbhorkar	Sensorless Speed Control of Three Phase Induction Motor Using Intelligent Techniques	15.09.2021	MANIT, Bhopal

S. No.	Name of Candidate	Title of Thesis	Year of Award	University / Institution
10.	Vidhya Fulmali	Intelligent Control Based MPPT Techniques for Solar Photovoltaic System	26.04.2022	MANIT, Bhopal
11.	Anil Gupta	Control of Small Hydro Power Generation System and Their Integration with Other Energy Sources	In Progress RDC Completed (Registration date 29.07.2019)	MANIT, Bhopal
12	Jatoth Rajender	Modeling and Control of Renewable Energy Based EV Charging Systems	In Progress RDC Completed (Registration date 30.12.2020)	MANIT, Bhopal

19.M. Tech. Dissertations supervised: 56

20.UG Project Guided: 17

21.Membership of Professional Bodies

- Senior Member IEEE USA (Member No. 92165074)
- Vice –Chair, PELS IEEE MP Section
- Vice –Chair, IES IEEE MP Section
- Vice –Chair, IRC Coordination IEEE MP Section
- IEEE, USA, Women in Engineering (WIE)
- IEEE, USA, Power and Energy Society
- IEEE, USA, Industrial Electronics Society
- Chairperson, IEEE Ethics and Member Conduct Committee, IEEE Madhya Pradesh Section
- IEEE. USA, Power Electronics Society
- Life Member of Institute of Engineers, India M- 122423/3
- Member of Indian Society for Technical Education

22.List of Important MoUs formulated for Academic Collaborations: 23

S. No	MoUs formulated	Name of Agencies/Departments involved	Year of MoU
1.	Co-operation Agreement with LAPP INDIA PVT. LTD.	MANIT, Bhopal & LAPP India Pvt. Ltd.	2020
2.	Academic MoU with ESIEE Paris (France)	ESIEE Paris (France) & ECE Department, MANIT, Bhopal	2020

S. No	MoUs formulated	Name of Agencies/Departments involved	Year of MoU
3.	Police Training and Research Institute (PTRI), Bhopal M.P. & MANIT, Bhopal	PTRI, Bhopal & Dept. of Arch. & Planning MANIT, Bhopal	2021
4.	MP Pollution Control Board and Bhopal Municipal Corporation	MP Pollution Control Board and Bhopal Municipal Corporation & MANIT, Bhopal	2021
5.	MP Pollution Control Board and Jabalpur Nagar Nigam	MP Pollution Control Board and Jabalpur Nagar Nigam & MANIT, Bhopal	2021
6.	3M India Ltd.	3M India Ltd. & MANIT, Bhopal	2021
7.	Madhya Pradesh Police	MANIT, Bhopal & Madhya Pradesh Police	2022
8.	Madhya Pradesh Council of Science and Technology, Bhopal	Madhya Pradesh Council of Science and Technology, Bhopal(MPCST) & MANIT, Bhopal	2022
9.	CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT(CSTS), Bhopal	CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT(CSTS), Bhopal & MANIT, Bhopal	2022
10.	Academic MoU- State Institute of Town Planner, MP	MANIT, Bhopal & State Institute of Town Planner, MP	2022
11.	Academic MoU - National Institute of Urban Affairs (NIUA), New Delhi	MANIT, Bhopal & National Institute of Urban Affairs (NIUA), New Delhi	2022
12.	Academic MoU- National Institute of Disaster Management (NIDM) , Ministry of Home Affairs, GOI	MANIT, Bhopal & National Institute of Disaster Management (NIDM) , Ministry of Home Affairs, GOI	2022
13.	Academic MoU- Central India Hydrology Regional Central, National Institute of Hydrology, Bhopal	MANIT, Bhopal & Central India Hydrology Regional Central, National Institute of Hydrology, Bhopal	2022
14.	Academic MoU between MANIT, Bhopal and Indian Institute of Technology, Delhi	MANIT, Bhopal & IIT, Delhi	2023
15.	Academic MoU, RGPV, Bhopal	MANIT,Bhopal & RGPV, Bhopal	2023

S. No	MoUs formulated	Name of Agencies/Departments involved	Year of MoU
16.	MoU between MANIT, Bhopal and Institute of Town Planning, New Delhi, India	MANIT, Bhopal and Institute of Town Planning, New Delhi, India	2023
17.	MoU between MANIT, Bhopal and School of Planning and Architecture (SPA), Bhopal	MANIT, Bhopal and School of Planning and Architecture (SPA), Bhopal	2023
18.	MoU between MANIT, Bhopal and All India Institute of Medical Sciences (AIIMS), Bhopal	MANIT, Bhopal and All India Institute of Medical Sciences (AIIMS), Bhopal	2023
19.	MoU between MANIT, Bhopal & Bureau of Indian Standards	MANIT, Bhopal and BIS, Bhopal	2023
20.	MoU between MANIT, Bhopal and Indian Railways Institute of Electrical Engineering, Nashik Road	MANIT, Bhopal and IRIEEN	2023
21.	MoU between MANIT, Bhopal and National Institute of Design, Bhopal	MANIT, Bhopal and NID, Bhopal	2023
22.	MoU between MANIT, Bhopal and Indian Institute of Technology, Bhilai	MANIT, Bhopal and IIT, Bhilai	2023
23.	MoA between MANIT, Bhopal and National Research Development Corporation, Delhi	MANIT, Bhopal and National Research Development Corporation, Delhi	2023

23. Research/Consultancy Projects

S. No.	Project Type	Client/ Organization	Nature of Project	Duration of Project	Amount of Grant/Project (Rs.)
1.	Research	NaMPET Phase III, MeITY, Govt. of India,	Design and Development of a Grid Interactive Residential Rooftop PV System with Islanding/Re-synchronization Capabilities (June 2022)	1.5 Years	Rs 41.21 Lakhs
2.	Research	SERB, DST, Govt. of India, New Delhi	Design & Implementation of Single Phase Microgrid using Renewable Energy	03 Years	Rs 62.99 Lakhs

S. No.	Project Type	Client/ Organization	Nature of Project	Duration of Project	Amount of Grant/Project (Rs.)
			Sources (2021)		
3.	Research	AICTE, New Delhi	Modernization & Up gradation of Instrumentation Laboratory of Electrical Department	02 Years	Rs 5.0 Lakhs
4.	Research	TEQIP	Development & Up gradation of Instrumentation Laboratory	01 Year	Rs 1.37 Lakhs
5.	Research	NITSER Council	Covid-19 Research Project titled IOT Based Device for Quarantine monitoring of infected people (2019)	01 Year	
6.	Research	NITSER Council	Covid-19 Research Project titled IOT based health data collection and its analysis (2019)	01 Year	
7.	Consultancy	Kirloskar Koya Vatech (JV)	Soil Resistivity Test at Substation	One Week	Rs 20,000/
8.	Consultancy	Project Implementing Unit, UWSEI(ADB) Project Bhopal	Soil Resistivity Test for Electrical Substation at Koulva	One Week	Rs 25,000/
9.	Consultancy	Jayantisuper Construction Pvt. Ltd.	Consultancy Services for "Vetting of Electrical components of 65 MLD STP Gwalior". Ltd.	01 Year	Rs 50,000/
10.	Consultancy	Ankita Construction, 103, Maruti Titanium Ring Road Nikol, Ahmedabad	Consultancy work of checking of Electrical Design & Drawings of Sewage Treatment plants of Bhopal City (Shahpura, Bhojwet & Kolar)	01 Year	Rs 40,000/
11.	Consultancy	Concrete Udyog Limited Swaroop Nagar Kanpur	Vetting of Drawing and Design of PLC/SCADA system Architecture for Chhatarpur water supply scheme.	01 Year	Rs 50,000/
12.	Consultancy	Heliosvento Power Infra Pvt Ltd	Vetting of Electrical Design & Drawing	01 Year	Rs 60,000/

S. No.	Project Type	Client/ Organization	Nature of Project	Duration of Project	Amount of Grant/Project (Rs.)
13.	Corporate Social Responsibility Project (CSR) (PI)	REC Foundation	Finalization & Procurement of E-buses & Charging stations for transportation of students of MANIT, Bhopal	06 Months	

24. Country Visited: USA, UK, Australia, France, Germany, Switzerland, Scotland, Ireland, Thailand, Malaysia, Sri Lanka

25. Conference/ Workshop/ STTP Organized

1. Organizing Secretary, International Conference on Electrical Power and Energy Systems (ICEPES 2010) at MANIT, Bhopal, India
2. Coordinator, One-day workshop on "Design, Testing and Selection of Cables" organized by Electrical Engineering Department and Energy Centre, MANIT Bhopal on 15th October, 2019 in collaboration with LAPP India.
3. Coordinator - Short Term Training Programme on "Emerging Trends in Electric Power and Energy Systems held from 1st January 2014 to 5th January 2014, at MANIT, Bhopal, India
4. Coordinator - Short Term Course on Engineering and Industrial Applications of MATLAB held from 24th March 2014 to 28th March 2014, at MANIT, Bhopal, India.
5. Member organizing committee in International Conference on Electrical Power and Energy Systems (ICEPES 2016) at MANIT, Bhopal, India
6. Coordinator, Workshop on Design, Testing & Selection of Cables on 15th October 2019 in Collaboration with LAPP India Pvt. Ltd.
7. Coordinator Short Term Training Programme on "Industrial Power System Design and Analysis" from 2nd - 6th Dec. 2019 at MANIT, Bhopal, India.
8. Coordinator, ATAL One Week FDP on Electric Vehicles from 28th Dec 2020 to 1st Jan 2020.
9. Coordinator, Expert Lecture series on International Women's Day organized by ICC Cell, MANIT on 8th March 2021.
10. Organizing Secretary, National Conference on Practical Aspects of Gender Equity (PAGE-2021) from 18th March 2021 to 19th March 2021.
11. Convener, World Environment Day Workshop on Ecosystem Restoration on 5th June 2021 organized by Social Entrepreneurship Cell, MANIT
12. Convener, NSS One Week Online Workshop on Post Pandemic Fitness and Vitality from 9th June 2021 to 13th June 2021.
13. Convener, UNNAT BHARAT GRAM AAROGYA SERIES on 19th June 2021 for participating institutes and students to get vaccinated and clear their doubts regarding COVID-19.
14. Convener, Vaccination Awareness Drive at Regional Level In Adopted Villages organized by Unnat Bharat Abhiyan in the month of July 2021.
15. Convener, UNNAT BHARAT ABHIYAN Cell initiative in adopted 05 villages in the month November 2021 to help the poor students to provide the basic knowledge of elementary symbols and names through charts and stationary articles.
16. Coordinator, Virtual Symposium on Women's Education in India: A Situational Analysis (WEI-2022) organized by ICC Cell, MANIT on 7th January 2022 to 8th January 2022.

17. Worked as Coordinator Teaching Learning Process Group, Academic workshop on Design and Management change, at MANIT, Bhopal, India.
18. Honorary Chair, 1st IEEE International Conference on Renewable Energy and Sustainable E- Mobility (RESEM -2023), 17-18 May 2023 at MANIT, Bhopal, India.

26. Other information:

1. Selected as Faculty in 2009 in the Department of Electrical and Computer Engineering Technology in the Faculty of Engineering and Built Environment (05 years contract), University of Johannesburg, South Africa.
2. Expert Member in the Selection Committee for Faculty Recruitment of various Colleges/ Universities.
3. PhD Examiner & Subject Expert in various RDC & Pre-Thesis Evaluation of various departments at MANIT & other academic institutes.
4. Reviewer of Various International Journals and International Conferences.
5. Member of Anti – Ragging Committee, M.A. National Institute of Technology, Bhopal, India.
6. Member of Women Sexual Harassment Committee of MANIT, Bhopal.
7. Delivered more than 50 Plenary Talk/ Expert lectures at various organizations/Industries of national repute.
8. Member Board of Studies in various Technical Institutions.

Place: Bhopal

Dr. Manisha Dubey
Professor, Dept. of Electrical Engineering
and Dean (ID & IR)