

THESIS/PROJECTS SUPERVISION

Category	Awarded	Under submission	In progress
Ph.D	05	-	04
M.Tech	39	-	01
B.Tech	37	-	-

RESEARCH LABS DEVELOPED

1. Initiated and spearheaded the Centre for Mission on Energy Transition at MANIT Bhopal, formalised via MoU with NRED MP, supported by UC Berkeley, providing technical and policy leadership for renewable energy and storage deployment.
2. Renewable Energy Lab
 1. Power system Simulation Lab
 2. Smart grid and IoT lab (Under development)

ADMINISTRATIVE RESPONSIBILITIES (*INSTITUTE LEVEL*)

1. Advisor to Honourable chairperson Board of Governors, MANIT
2. **Member, ICC***
3. **Prof. I/C, Alumni cell***
4. Faculty Incharge (Exams)
5. Coordinator, Rajbhasha Karyanvayan Samiti
6. **Coordinator, IEEE Student Chapter***
7. Co-coordinator, Public Relation Cell
8. Member, Convocation committee:
9. Member, Anti ragging committee
10. Member, Committee for preparing ‘vision 2020’ document of the institute committee

ADMINISTRATIVE RESPONSIBILITIES (*DEPARTMENT LEVEL*)

1.	Prof. I/C Smart grid and IoT lab
2.	P.G. Program Coordinator (Power System)

3.	Departmental Library Coordinator
4.	Student Advisor
5.	Member, Accreditation committee
6.	Prof. I/C Advanced Power System Lab
7.	Prof. I/c, Power System Simulation lab
8.	Co-ordinator Tutor Guardian scheme
9.	Departmental Exam Coordinator
10.	Co. Prof. I/c Electrical Engg. Association
11.	Member ,Tabulation Committee
12.	Prof. I/c, Power Electronics lab
13.	Prof. I/c, PC lab

***Currently held**

REVIEW BOARD MEMBER_____

1. IEEE Transactions on Power System
2. IEEE Transactions on Energy Conversion
3. IEEE Access
4. International Journal of Electrical Power and Energy Systems(Elsevier)
5. Renewable Energy
6. Green Energy
7. Journal of Renewable and Sustainable Energy

RESPONSIBILITIES IN TECHNICAL SOCIETIES_____

1. Member, IEEE PES Chapter, Madhya Pradesh Section
2. Senior Member, IEEE
3. Life Member, ISTE

AWARDS_____

1. Contribution in the field of STEM from UN Women and the Government of Madhya Pradesh under the WeSTEM Programme.
2. SISTec Tejomay Award 2023, Felicitation of Women Achievers, Category: Technical Education, Sagar Institute of Science and Technology, Bhopal

3. IEEE Senior member grade conferred by IEEE in 2021.
4. Best paper award for paper titled, “Techno-Socio-Economic Sizing of Solar–Diesel Generator-Based Autonomous Power System Using Butterfly-PSO”, in Springer conference AREEV-2021
5. Teaching Award based on student feedback
6. Best paper award for paper titled, “Control of Solar-battery storage based Micro-grid”, in IEEE conference IEMRE-2021.

EXPERT COMMITTEE

1. Member, IEEE Execom, MP Section
2. Secretary, IEEE PES Chapter, MP Section 2022-2023
3. Member, Project Consultative Group, Gram Urja Swaraj, Ministry of Panchayati Raj, Government of India, 2023
4. Member, Expert Committee, Project SRISTI, Government of Madhya Pradesh, 2023
5. Member, Expert Committee, Solar Rooftop Installation, National Power Training Institute, 2023
6. Member, Expert Committee, Solar Rooftop Installation, FDDI, 2023
7. Panel Member (Technical Interview) – Electrical Engineering for CII SIS-Tech Guru awards 2016 held On 3/04/16 at SIS-Tech GandhiNagar, Bhopal
8. Judge in Judging Panel for “Innovative Products/ designs” at Regional Science Centre, Bhopal on 21/12/2018.
9. External expert in committee constituted to finalize the specifications of centralized electrical engineering lab equipments containing Matlab-Simulink Based Real Time Simulation Platform at RGPV, Bhopal, 21/05/2019.
10. External expert in committee constituted to finalize Submersible Motor specifications at IGRMS, Bhopal, May 2019.
11. Member, Women’s Grievance Cell at Regional Science, Centre, Bhopal(M.P.)
12. Session Chair, International Conference on Technology Innovation in Mechanical Engineering *TIME-2021), 10-11 May 2021, SISTEC, Bhopal

CONFERENCES/ TRAINING PROGRAMS ORGANIZED

S.No.	Conference/Training Program	Position held	Date
1.	3 rd IEEE International Conference on Electrical Power and Energy Systems ICEPES-2024	Organizing Secretary	21-22 June 2024
2.	National conference on advancements in Mechanical, Electronics and Electrical Engineering AMEEE-2021	Organizing Secretary	15-16 April 2021
3.	2 nd IEEE International Conference on Electrical Power and Energy Systems ICEPES-2022	Organizing Secretary	10-11 December 2021
4.	National Conclave on Energy and Environment	Co-ordinator	1-2 November 2022
5.	ATAL sponsored Five days Workshop on The Internet of	Coordinator	25th - 29th May

	Things (IoT): Applications in Smart Energy Management		2020
6.	ATAL sponsored Five days Workshop On The Internet of Things (IoT): Introduction and Applications	Coordinator	4th - 8th May 2020
7.	ATAL sponsored Five days Workshop On The Internet of Things (IoT): Applications in Electricity Sector	Coordinator	4th - 8th November 2019
8.	ICT tools for Teaching, Learning Process and Institutes Sponsored by MeITY, Govt. of India	Coordinator	13th - 17th January 2020
9.	National Workshop on Smart Technologies: Application in Electrical Engineering	Co-coordinator	17 th - 18 th August 2015
10.	Short Term Training Programme on “Power Electronics Applications in Renewable Energy Sources”	Coordinator	30 th June- 4 th July 2014
11.	Short Term Course on “Engineering and Industrial Applications of MATLAB”	Coordinator	24-28 March 2014
12.	Workshop on Disaster Preparedness	Coordinator	23/07/2010