Faculty Participation and Achievement (2023-24)

Name of Faculty	Particulars
Dr.Bhupendra Kumar	1. Completed 10 days course on 'Python Programming for Academic Projects', from August 14 to 25, 2023, conducted by Government College (Autonomous) Rajahmundry and A2Z EduLearningHub LLP, 2. Worked as a Technical Team in the 3rd International conference on "Advanced computing Technologies and Applications – 2023 (ICACTA-2023),organized by SVKM's Dwarkadas J. Sanghvi College of Engineering, India. 3. Participated in 01 Days Faculty Development Program on 9/25/2023 On "FDP on Power System Design & Analysis using DIgSILENT PowerFactory Software." of DIgSILENT Gmbh, Germany in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi. 4. Participated in 01 Days Faculty Development Program on Dated : 9/20/2023 On "FDP on Microgrid System Design & Simulation using HOMER Pro & HOMER Grid Software." of HOMER Energy by UL, USA in association with M/s DELLSOFT Technologies Pvt. Ltd. New Delhi 5. Participated in One-day FDP by Industrial experts on 'Recent Challenges and Opportunities of Power Grids through Industrial Perspective' organized by School of Electrical Engineering, Vellore Institute of Technology, Vellore, India on 26th June 2023 in online mode. 6. Reviewer at the 3rd International Conference on Advanced Computing Technologies and Applications-2023(ICACTA), organized by SVKM's Dwarkadas J. Sanghvi College of Engineering on the 6th and 7th of October 2023. 7. Attended two Week STTP on "NEP 2020 Orientation and Sensitization" organized by MMTTP RTMNU center between 18th - 30th Dec.2023 8. Working as an organising Committee for the International Conference on Energy Technology and Electrical Power -2024, will be held from December 20 to 2, 202, in Guangzhou, China. 9. Worked as a Session Chair for the 5th International Conference on Energy, Control, Computing and Electronics Systems (ICECCES 2024) held during 22nd to 24th March 2024 organized by AICTE IDEALAB in association with Department of Electrical and Electronics Engineering, School of Engineering, Mohan Babu University, Tirupati-517 102, Andhra Pradesh, India. 10. Participated in the AICTE Recognized Faculty Development Programme on Modelling and Simulation using MATLAB/ Scilab Conducted by

	Mechanical Engineering Department from 25/12/2023 to 29/12/2023 (One Week) at NITTTR, Chandigarh 11.Delivered an Expert talk in a national level short term training program (STTP) on " Emerging Trends in Electrical Engineering" in Between 16th -20th January 2024, organised by Department of Diploma in Electrical Engineering GHRIET Nagpur. 12. Participated and Presented a Paper at ICSPER - 2024 on "Interleaved DC-DC boost converter using sliding mode control" between 01st - 03rd Mar. 2024, at NIT Warangal. 13. Completed NPTEL certification in ELITE category in course " NBA Accreditation and Teaching-Learning in Engineering (NATE)" by IISc Bangalore during Jan- April 2024. 14. Completed NPTEL 12 week FDP in the course " NBA Accreditation and Teaching-Learning in Engineering (NATE)" by IISc Banglore during Jan-April 2024. 15. Worked as a General Chair in the international Conference on " Advance Communication, Energy and Big Data" organised by GHRIET, Nagpur, held on 15th and 16th March 2024. 16. Worked as a Reviewer in the international Conference on " Advance Communication, Energy and Big Data" organised by GHRIET, Nagpur, held on 15th and 16th March 2024. 17. Awarded Copyright on Literary work on " Impact of UPFC on Alpha Plane Line Current Differential Protection". With ROC - L -147909/2024. 18. Active Reviewer for the SCI Journals like, IEEE Transaction on Power Delivery, Elsevier Journal of Applied Soft Computing, Elsevier Journal of Electric Power System Research, Elsevier Journal of Energy System, Taylor & Francis Journal of Electrical Power Components and Systems.
Ms.Rashmi Phasate	1. Attended Five day workshop on Computational Intelligence 2023 organized by Amrita School of AI, Amrita Vihwa Vidyapeetham India 2. Attended One week short term course on Recent Trends in Power Electronics and Sustainable Energy system organized by NIT Jalandhar 3. NPTEL Course Certification on Fuzzy Logic and Neural Network with Elite category 4. Registered copyright on Solar Powered Water Purification System 5. Registered copyright on Smart Shoes for Flat Feet 6. Organizing Committee member and Reviewer in ICACEBD 2024 organized by GHRIET Nagpur

Mr.Kiran Raut	1. Registered copyright on "Design Of Low Cost Hybride Electric Bicycle" ROC: L-139432/2023 2. Conducted session on "Energy conservation and Audit" Skill Training Workshop for Non-Technical Staff of GHRIET on 10th Feb.2024 3. Attended STTP on "NEP 2020 orientation and Sensetization program" organized by NIT Warangal and MMTTP UGC between 8th - 17th Jan, 2024 4. Reviewer for IEEE International Transportation Electrification Conference - India 2023 5. Reviewer and organizing chair for ICACEBD 2024 at GHRIET, Nagpur between 15-16 March 2024.
Mr.Avinash Welankiwar	1. Attended FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at GHRIET, Nagpur from 5th - 7th Oct 2023. 2. Attended FDP on "Opportunities and Challenges in Application of Renewable Energy Systems" organized by NIT, Hamirpur between 23rd - 27th Oct. 2023 3. Attended STTP on "NEP 2020 Orientation and Sensitization" organized by MMTTP RTMNU center between 18th - 30th Dec.2023 4. Attended STTP on "Artificial Intelligence for Next Generation IoT Networks" organized by BRANIT, Jalandhar between 11th - 15th Sept. 2023 5. Attended Workshop on "Green Fuel and Electric Vehicle Technologies" organized by VIT Vellore between 22nd - 26th Jan.2024 6. Completed NPTEL certification in ELITE category in course "Smart Grid: Basics to Advanced Technologies "conducted by IIT Roorkee in Jul - Oct 2023 semester. 7. Awarded Copyright on Literary work "INTRODUCTION TO WIDE AREA MEASUREMENT SYSTEM AND CHALLENGES IN ADAPTIVE PROTECTION IN SMART GRID" ROC:L-140826/2024 8. Delivered keynote session on "Recent Developments in Microgrid Protection" in ISTE sponsored FDP on "Role of Sustainable Development Goals in the field of Engineering" organized by JDCOE, Nagpur on 30.11.2023 9. Attended IIC regional meet at GHRCE, Nagpur on 13th Dec.2023 10. Presented paper at ICSPER - 2024 on "Interleaved DC-DC boost converter using sliding mode control" between 01st - 03rd Mar. 2024

	11. Reviewer and publication chair at ICACEBD 2024 at GHRIET, Nagpur on 15th and 16th March 2024. 12. Reviewer at IEEE International Transportation Electrification Conference - India 2023
Dr.Tarun Shrivastava	1. Attended a one-week online Faculty Development Programme in on " present scenario and future scope of research and advancement in the field of electric vehicle & renewable energy sector" 06-12 july 2023 dept of electrical engineering GARGI MEMORIAL INSTITUTE OF TECHNOLOGY . 2. Attended a one-week Faculty Development Programme on " Research Methodology: A Broader Spectrum" organized by Eshan College of Engineering, Farah, Mathura ,Department of Computer Science & Engineering in association with ICT Academy during 14-08-2023 To 19-08-2023. 3. Attended a one week Faculty Development Programme on " Recent Research Trends in Smart Technologies" organized by Amity School of Engineering and Technology from 31 july- 04 august 2023 4. Attended a 5 days Faculty Development Programme on " INDUSTRY 4.0: GLOBAL OPPORTUNITIES AND CHALLENGES IN TECHNICAL EDUCATION during 14th -21st August 2023 PRESIDENCY UNIVERSITY Association Of Indian Universities & Presidency University - Bengaluru 5. Attended One day National symposium on "NEP 2020: a global perspective for HEIs", organised by Manthan held on 16 December 2023 6. Attended a one week Faculty Development Programme on " Future Trends & Advances in Emerging Technologies" organized by NIET Greater Noida School of Computer Applications held from 5 to 9 December 2023. 7. Attended a one week Faculty Development Programme on " present scenario of lighting sector: industry 4.0" organized by dept of electrical engineering gargi memorial institute of technology kolkata from 26 january to 01 january 2024 8. Completed the NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) Organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Amravati (Maharashtra) from 04th March, 2024 to 13th March, 2024. 9. Participated at the NSM-DST Sponsored National Workshop on "High

	Performance Computing in Engineering Applications (HPCEA)", held during 28th February to 3rd March 2024, organized by Department of Electrical Engineering and Department of Computer Science and Engineering, National Institute of Technology Warangal. 10. participated in the Five Days Online International Faculty Development Program on Exploration of Innovative Learning in Scientific Research to Sustain in HEIs, held from 12 March to 16 March 2024, organized by the School of Medical and Allied Sciences, & Institute's Innovation Council, Galgotias University, Greater Noida, Uttar Pradesh. 11. Attended a one week Faculty Development Programme on"Recent Advances in Control and Instrumentation with Integration of Artificial 12. Intelligence: Opportunities, Challenges, and Implications" organized by Department of Basic Science and Humanities (BSH), UEM Kolkata in association with HRDC, IEM-UEM Group and technically co-sponsored by IEEE JOINT CSS-IMS Kolkata Chapter, India held from 1st April to 5th April, 2024
Mr.Yogesh Ikhe	1. Presented paper at ICSPER - 2024 on "Interleaved DC-DC boost converter using sliding mode control" between 01st - 03rd Mar. 2024 2. Published paper on ""Design And Performance Analysis Of Different Types Of Filter Using Interleaved Step Up Converter", in GIS Science Journal Volume 10 Issue 12 December 2023. 3. Attended one-week Faculty Development Programme in Hybrid mode on "Future of AI and ML in Cyber Security" organized by NIT Patna held from 04th – 09th September, 2023. 4. Attended Five day Faculty Development Programme on "Recent Advancement in Electrical Vehicle Technology" organized by Ballari Institute of Technology & Management Karnataka from 24 July to 28 July 2023. 5. Attended Three day virtual Faculty Development Programme on "Control and Power Management Strategies for Hybrid Microgrid " organized by VIT Vellor held from 07th – 09th August, 2023. 6. Awarded Copyright on Literary work"Greenhouse Environment monitoring and controlling system",ROC-L-137474/2023. 7. Attended One day National symposium on "NEP 2020: a global perspective for HEIs", organised by Manthan held on 16 December 2023 8. Attended National Workshop on "High Performance Computing in Engineering Applications (HPCEA)" organized by NIT Warangal held

	from 28th Feb 2024 – 03rd March 2024. 9. Attended One Day Workshop on NPTEL E-Awareness on 27 July 2023 organised by GHRIET Nagpur. 10. Completed NPTEL certification in ELITE category in course "Advanced Linear Continuous Control Systems: Applications With Matlab Programming and Simulink",conducted by IIT Roorkee in Jul - Sep 2023 semester.
Mr.Chetan Kidile	1. Awarded Copyright on Literary work"SMART SUBSTATION MONITORING & CONTROL SYSTEM USING NODE MCU",with ROC-L-136135/2023. 2. Completed NPTEL certification in ELITE category in course "Power System Protection & Switchgear",conducted by IIT Roorkee in Jul - Sep 2023. 3. Presented Paper at ICSPER-2024 on "Interleaved DC-DC boost converter using sliding mode control" between 01st - 03rd Mar. 2024 4. Published paper on "Solar Powered "Moss based Outdoor Air Purifier with Air Quality Monitor ", in GIS Science Journal Volume 10 Issue 12 December 2023. 5. Attended one-week Faculty Development Programme in Hybrid mode on "Future of AI and ML in Cyber Security" organized by NIT Patna held from 04th – 09th September, 2023. 6. Attended Three day virtual Faculty Development Programme on "Control and Power Management Strategies for Hybrid Microgrid " organized by VIT Vellor held from 07th – 09th August, 2023. 7. Attended Five day Faculty Development Programme on "Recent Advancement in Electrical Vehicle Technology" organized by Ballari Institute of Technology & Management Karnataka from 24 July to 28 July 2023. 8. Attended National Workshop on "High Performance Computing in Engineering Applications (HPCEA)" organized by NIT Warangal held from 28th Feb 2024 – 03rd March 2024. 9. Attended One day Seminar on "Artificial Intelligence & Machine Learning ion Power Electronics & Image Processing" organized by VIT Vellore on 17 October 2023. 10. Attended one day seminar on Battery Model Sepling & Estimation Using Artificial Intelligence for EV with Matlab 0n 8 September 2023 Organised by RTMNU Nagpur & Mathworks. .

	11. Attended One day National symposium on "NEP 2020: a global perspective for HEIs", organised by Manthan held on 16 December 2023. 12. Attended One Day Workshop on NPTEL E-Awareness on 27 July 2023 organised by GHRIET Nagpur.
Mr.Sachin Karare	1. Awarded Copyright on Literary work"Basics of Electrical Hazards",with ROC-L-138171/2023. 2. Presented Paper at IRJETS-2024 on "IoT Driven Innovation : Advancing Precision and Efficiency in Small Scale Wire Industries" 16-Dec-2024. 2024. 3. Paper Published in IEEE "Distance and User-Defined Overcurrent Relay Coordination for IEEE-14 Bus Test System" at Third International conference on power control and computing Technologies 2024. 4. Atended one-week Faculty Development Programme in Hybrid mode on "Future of AI and ML in Cyber Security" organized by NIT Patna held from 04th – 09th September, 2023. 5. Attended FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) at GHRIET, Nagpur from 5th - 7th Oct 2023. 6. Attended one day seminar on Battery Modelling & Estimation Using Artificial Intelligence for EV with Matlab 0n 8 September 2023 Organised by RTMNU Nagpur & Mathworks
Dr.Raghvendra Tiwari	1. Awarded Copyright on Literary work " OPTIMAL DISTANCE AND DIRECTIONAL OVERCURRENT RELAY COORDINATION IN DISTRIBUTED GENERATION BASED POWER SYSTEM",with ROC-L-140569/2024. 2. Awarded Copyright on Literary work "BIOMETRIC BASED ELECTRONIC VOTING MACHINE",with ROC-L-143414/2024. 3. Participated as a REVIEWER in the International Conference on Advanced Communication, Energy and Big Data (ICACEBD-24) conducted by GHRIET, Nagpur. 4. Participated as a REVIEWER in the International Conference on Sustainable Power & Energy Research (ICSPER-24) conducted by NIT-Warangal from 01-03 March 2024. 5. Participated as a REVIEWER in the 8th Student Conference on Engineering & Systems (SCES-24) conducted by MNNIT Allahabd June 2024. 6. Published Paper (First Author) at 3rd International Conference on

	Power, Control & Computing Technologies (ICPC2T-2024) on "Distance and User Defined Overcurrent Relay Coordination for IEEE-14 bus Test system" held at NIT-Raipur February 2024. 7. Conference paper titled "Phase shift DC-DC Converter Based Electrical Vehicle Charging With Power Factor Correction" accepted in 2nd International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3-2024) held at NIT-Srinagar in June 2024. 8. Attended one-week Faculty Development Programme in Hybrid mode on "Security Aspects in Computer Science & Its Applications (SACSA-2023)" organized by MNNIT Allahabad held from 16th – 20th October, 2023. 9. Attended Five day virtual Faculty Development Programme on "Recent Trends in Communication Computing & Networking " organized by Poornima College of Engineering Jaipur from 08th – 12th January, 2024. 10. Attended Five day Short Term Training Program on "Lab Market 1.0 Recent Trends in Engineering" organized by Poornima College of Engineering Jaipur from 09-13th December 2023. 11. Attended One day National Seminar on "Recent Trends in Control System & Its Application (RTCSA-2024)" organized by Seemanta College of Engineering, Odisha on 13 October 2023. 12. Attended One week offline ATAL FDP on Generative AI & Its Applications" organized by GHRIET Nagpur from 05th-10th February 2024. 13. Attended one week offline Short Term Training Program on "Disaster Management" organized by National Fire Service College Nagpur from 01-05th April 2024. 14. Published Book Chapter "Protection Coordination Issue for AC Microgrid System-A Comprehensive Review" (Taylor & Francis) DOI:10.1201/9781003481836-14.