

Department of Electrical Engineering, Faculty of Engineering and Technology

Jamia Millia Islamia, New delhi-110025

Ph. D. Student List (up to 10-03-2025)

1	2	3	4	5	6	7	8	9		
S. No.	Name of the Supervisor's (Professor/Dr.)	Student ID	Roll No./ Student Name/ email ID	Gender	Category	Area of Research	Research Topic	Date of Registration	Duration of Registration	Mode of Ph. D. (Full Time/ Part Time)
1	Tarikul Islam –Supervisor	20188643	Shamim Alam <shamimlm@gmail.com>	M	G	Control & Instrumentation	Development of Electronic Interfacing Circuits for the Measurement of Impedance	14-08-2018	6 Years, 6 Months, 24 Days	
2	Tarikul Islam –Supervisor	20188624	Geetika Aswani <geetikaaswani@gmail.com>	F	MW	Control & Instrumentation	Studying the Pore Morphology of the Thin Film Sensor and its Modeling using Soft Computing Techniques	14-08-2018	6 Years, 6 Months, 24 Days	
3	Manaullah –Supervisor Sheeraz Kirmani Co-supervisor	20188668	Jahid <mohdzahid4107@gmail.com>	M	M-OBC/ST	Power System	Performance Enhancement Methodologies of Hybrid AC/DC Microgrids for Optimum Energy Management	16-08-2018	6 Years, 6 Months, 22 Days	
4	Shabana Mehfuz –Supervisor Mohd Sadiq, Co-supervisor, University	20188802	Farhana Mariyam <farhanamariyam@gmail.com>	F	MW	Computer Technology	An Intelligent Approach for Goal Oriented Software Requirments Analysis	16-08-2018	6 Years, 6 Months, 22 Days	
5	Abdul Quaiyum Ansari –Supervisor Shabana Urooj Co-supervisor, GBU, Greater	20188845	Md. Shams Tabraiz Alam <shams.tabraiz2k6@gmail.com>	M	M-OBC/ST	Electronics & Communication	Study and Analysis of Bio-friendly Materials for Therapeutic Application(s)	17-08-2018	6 Years, 6 Months, 21 Days	
6	Zainul Abdin Jaffery, –Supervisor	20188817	ZEESHAN ALI HAQ<aliz.inam@gmail.com>	M	M-OBC/ST	Electronics & Communication	Quality Assessment of Agro-products using near Infrared Imaging	17-08-2018	6 Years, 6 Months, 21 Days	

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7	Anwar Shahzad Siddiqui –Supervisor S. K. Sinha Co-supervisor, Amity University	20189228	Mehtab Fatima <mehtabfatima@gmail.com>	F	MW	Power System	Issues and Challenges in design of Power Electronic devices for Grid Connected Renewable Energy System	17-08-2018	6 Years, 6 Months, 21 Days	
8	Shahida Khatoon	201900467	Pushpender <Push217@gmail.com>	M	G	Control & Instrumentation	Real time simulation based MPPT for hybrid system	06-02-2019	6 Years, 1 Months, 4 Days	
9	Abdul Quaiyum Ansari –Supervisor Shabana Urooj, Co-supervisor, GBU, Greater	201900553	Aftab Alam <aftabrzaattari@gmail.com>	M	M-OBC/ST	Electronics & Communication	Design and Development of Contactless System for Extraction of Cardiac Feature/s and Activity of Human Body System	08-02-2019	6 Years, 1 Months, 2 Days	
10	Anwar Shahzad Siddiqui –Supervisor	201909866	ARCHNA AGGARWAL <archna.elect@gmail.com>	F	G	Power System	Energy Management Using Hybrid Renewable Energy Systems	01-10-2019	5 Years, 5 Months, 9 Days	In-service Scholar
11	Arunesh Kumar Singh –Supervisor Shahida Khatoon -Co-supervisor	201909868	KRITI <tripathikriti@gmail.com>	F	G	Control & Instrumentation	Optimal Conversion of Noise Pollution Into Electricity	01-10-2019	5 Years, 5 Months, 9 Days	Scholar
12	Shabana Mehfuz –Supervisor	201909984	MEHWASH WEQAR <mehwash.weqar@gmail.com>	F	MW	Computer Technology	Security Challenges Faced in IOT and Proposed Solutions of Hybrid Blockchain Architecture	03-10-2019	5 Years, 5 Months, 7 Days	Scholar

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13	Ikbal Ali –Supervisor	201909981	SWATI SHARMA <swativashist400@gmail.com>	F	G	Power System	Energy Efficiency Enhancement Through Demand Response in Smart Grid	03-10-2019	5 Years, 5 Months, 7 Days	Scholar
14	Ikbal Ali –Supervisor	201909977	SHIKHA KUCHHAL <ajaygarg0205@gmail.com>	F	G	Power System	Reliable and Secure Information Communication for Smart Grid	03-10-2019	5 Years, 5 Months, 7 Days	Scholar
15	Majid Jamil, –Supervisor Sheeraz Kirmani Co-supervisor	201910017	HUZAIFA NAZ<huzafanaz786@gmail.com>	F	M-OBC/ST	Power System	Optimal Scheduling and Operational Planning of Hybrid Electric Vehicles in Micro Grid	04-10-2019	5 Years, 5 Months, 6 Days	Scholar
16	Abdul Quaiyum Ansari –Supervisor Sajad Ahmad Loan, Co-supervisor.	20182565	Md. Ejaz Aslam Lodhi <ejaz.iitk@gmail.com>	M	G	Electronics & Communication	Design and Simulation of High Performance Power Semiconductor Devices	25-11-2019	5 Years, 3 Months, 13 Days	FT
17	Munna Khan -Supervisor Zaheeruddin -Co-supervisor	20200447	Lily Kumari (Under QIP Scheme) <lilygupta14dec@gmail.com>	F	G	Biomedical Engineering	Development of Counter Measure against Microwave Antipersonnel Directed Energy Weapons	17-12-2020	4 Years, 2 Months, 21 Days	QIP
18	Anwar Shahzad Siddiqui	20200457	Asim Rahman Ansari (Under QIP Scheme) <ashi0786ansari@gmail.com>	M	G	Power System	Development of the Control Strategy for Stable Operation of Active Distribution System	18-12-2020	4 Years, 2 Months, 20 Days	QIP
19	Shahida Khatoon-Supervisor Ibraheem- Co-Supervisor	20200866	Farhat Nasim <frhtnasim@gmail.com>	F	MW	Control & Instrumentation	Intelligent Controller of Wind Power System	26-05-2021	3 Years, 9 Months, 12 Days	Scholar (Fulltime)
20	Shahida Khatoon-Supervisor Faisal Jaleel- Co-Supervisor KIET.	20200865	Vaishali Gautam <vgautam603@gmail.com>	F	G	Control & Instrumentation	Extraction of Maximum Power from Photovoltaic Array under Partial Shading Conditions using Reconfiguration Strategies	26-08-2021	3 Years, 6 Months, 12 Days	Scholar (Fulltime)
21	Tarikul Islam- Supervisor	20200665	Rubina . <khan.rubina818@gmail.com>	F	MW	Control & Instrumentation	Electronic System using Capacitive Sensors for Smart Grid Application	26-08-2021	3 Years, 6 Months, 12 Days	Scholar (Fulltime)
22	Haroon Ashfaq - Supervisor Ikhlq Hussain -Co-Supervisor Institute of	20200864	Huma Fatima <Huma.fatma11@gmail.com>	F	MW	Power System	Power Quality Improvement of Grid Connected Solar PV using Artificial Intelligence Techniques	26-08-2021	3 Years, 6 Months, 12 Days	Scholar (Fulltime)

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23	Haroon Ashfaq - Supervisor Mohd Asjad -Co-Supervisor Deptt of	20200864	Shujaat Husain <Shujaathusain12@gmail.com>	M	M	Power Electronics & Electric Machines	Performance Evaluation of Electric Vehicles	26-08-2021	3 Years, 6 Months, 12 Days	Scholar (Fulltime)
24	Abdul Quaiyum Ansari –Supervisor B. K. Kanaujia- Co-Supervisor JNU	20200869	Devraj Gautam <devrajgautam10@gmail.com>	M	G	Electronics & Communication	Some Investigations in the Field of Microstrip and Dielectric Resonator Antenna for Wireless Communication	27-08-2021	3 Years, 6 Months, 11 Days	Scholar (Fulltime)
25	Abdul Quaiyum Ansari –Supervisor Vibhakar Shrimali -Co-Supervisor. G B Pant Govt	20200867	Rakhshanda Jabeen <jabeenraks@gmail.com>	F	M-OBC/ST	Electronics & Communication	Bandwidth Enhancement of Microstrip Patch Antenna for Wireless Applications	27-08-2021	3 Years, 6 Months, 11 Days	Scholar (Fulltime)
26	Zainul Abdin Jaffery - Supervisor, Shabana Mehruz- Co-Supervisor	20200869	Sandeep Bhatia <sandeepbhatia1711@gmail.com>	M	G	Electronics & Communication	Performance Optimization of Energy Efficient Precision Agriculture using WSN-IOT	27-08-2021	3 Years, 6 Months, 11 Days	In-Service/Part-time Scholar
27	Munna Khan -Supervisor Manaullah -Co-Supervisor	20200869	Gaytri Gupta <gaytrigupta234@gmail.com>	F	G	Electronics & Communication	Charge Based Modeling of Organic FET	27-08-2021	3 Years, 6 Months, 11 Days	In-Service/Part-time Scholar
28	Tarikul Islam -Supervisor Shabana Mehruz -Co-Supervisor	20200868	Mohammad Ariz <arizshakeel090@gmail.com>	M	M-OBC/ST	Control & Instrumentation	Development of Electronic System for Smart Grid Health Monitoring Application	27-08-2021	3 Years, 6 Months, 11 Days	Scholar (Fulltime)
29	Abrar Ahmad -Supervisor	20200870	Md Safdar Ali <safdar.md99@gmail.com>	M	M-OBC/ST	Power System	Optimal Allocation of Energy Storage Systems in Wind Energy System	30-08-2021	3 Years, 6 Months, 8 Days	Scholar (Fulltime)
30	Ibraheem - Supervisor	20200871	Ashish Singh <ashishsingh_jmi@rediffmail.com>	M	G	Power System	Investigations on Load Frequency Control Strategies for Multi-Microgrid Power Systems	31-08-2021	3 Years, 6 Months, 7 Days	In-Service/Part-time Scholar
31	Ibraheem – Supervisor Shahida Khatoon- Co-Supervisor	202008714	Sajad Ahmad Wani <wanisajadiust@gmail.com>	M	M	Power System	Comparative Study Of PID, Fuzzy, Neural Network and Model Predictive Control (MPC), Techniques on a Differential Drive	31-08-2021	3 Years, 6 Months, 7 Days	Scholar (Fulltime)
32	Manaullah -Supervisor Munna Khan -Co-Supervisor	20200870	Seema Kumar <seemahbti6@gmail.com>	F	G	Computer Technology	Manage the Heterogeneity in SDN-IoT Network to Improve QoS and Security	31-08-2021	3 Years, 6 Months, 7 Days	In-Service/Part-time Scholar

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33	Arunesh Kumar Singh-Supervisor	20200874	Rohit Kumar <rohit.dobriyal89@gmail.com>	M	G	Control & Instrumentation	Analysis and Mitigation of Grid Stress Due to EV Penetration	01-09-2021	3 Years, 6 Months, 9 Days	Scholar (Fulltime)
34	Majid Jamil, –Supervisor	202206137	Shovana Khan Yusufzai <khan.yusufzai2@gmail.com>	F	MW	Power System	Non linear control methods for various DC-DC converter topologies in the area of power electronics	13-09-2022	2 Years, 5 Months, 25 Days	Scholar (Fulltime)
35	Tarikul Islam –Supervisor	202206190	Uroosa Ghazi <uroosaghazi@gmail.com>	F	MW	Control & Instrumentation	Impedance spectroscopy for the measurement of some critical parameters of concrete structure	13-09-2022	2 Years, 5 Months, 25 Days	Scholar (Fulltime)
36	Haroon Ashfaq –Supervisor	202206118	Km Puja Bharti <pujabharti025@gmail.com>	F	G	Power Electronics & Electric Machines	Multi objective optimization of solar powered charging station electric vehicles	13-09-2022	2 Years, 5 Months, 25 Days	Scholar (Fulltime)
37	Arunesh Kumar Singh –Supervisor	202206157	Shreya <shalusu6@gmail.com>	F	G	Control & Instrumentation	Modelling and control of D.C. servo motor & DC-DC converters	13-09-2022	2 Years, 5 Months, 25 Days	Scholar (Fulltime)
38	Abrar Ahmad –Supervisor	202206173	Umar Majeed Sada <umar.gurucool@gmail.com>	M	M	Power System	Electrical power trading in the era of smart grid, AI and blockchain	13-09-2022	2 Years, 5 Months, 25 Days	Scholar (Fulltime)
39	Tarikul Islam –Supervisor	202206293	Saleha Shahid <salehashahid20@gmail.com>	F	MW	Control & Instrumentation	Impedance spectroscopy for fruit quality monitoring	14-09-2022	2 Years, 5 Months, 24 Days	Scholar (Fulltime)
40	Ahteshamul Haque –Supervisor	202206234	Suwaiba Mateen <suwaibamateen@gmail.com>	F	MW	Power Electronics & Electric Machines	Ultra fast charging of electric vehicle	14-09-2022	2 Years, 5 Months, 24 Days	Scholar (Fulltime)
41	Majid jamil- Supervisor	202300945	Asra Irfan <asrawani757@gmail.com>	F	MW	Power System	Adaptive Protection of DC Microgrid Based on Machine Learning	06-06-2023	1 Years, 9 Months, 4 Days	Scholar (Fulltime)
42	Prof. Shakeb Ahmad Khan -Supervisor Prof. Shabana Mehruz-Co-supervisor	202301041	Khan Azmat <khan.azmatt786@gmail.com>	F	MW	Power System	Effective Condition and Health Monitoring of Power Transformers Based DGA	07-06-2023	1 Years, 9 Months, 3 Days	Scholar (Fulltime)

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43	Shabana Mehfuz - Supervisor Mohd. Sadiq -Co-supervisor University	202301053	Sanjida Nazneen <sanjidanazneen@gmail.com>	F	MW	Computer Technology	Intelligent Stakeholders Modeling in Information System Design Processes	07-06-2023	1 Years, 9 Months, 3 Days	Scholar (Fulltime)
44	Haroon Ashfaq - Supervisor Rajveer Singh -Co-supervisor	202301393	Mohammad Mamoon Mohammad <mamoon.jmi@gmail.com>	M	M-OBC/ST	Power System	STATCOM and Control Techniques in Power System	08-06-2023	1 Years, 9 Months, 2 Days	Scholar (Fulltime)
45	Shahida Khatoon-Supervisor	202400656	Azmi Ali <azmiali786.aa@gmail.com>	F	G	Power System	Control and Operational Strategies of Grid Connected Renewable Energy Sources	02-04-2024	0 Years, 11 Months, 8 Days	Scholar (Fulltime)
46	Anwar Shahzad Siddiqui - Supervisor	202400684	Salma Tabassum <salmadiamondelec@gmail.com>	F	G	Power System	Power Management in DC Microgrid using various Energy Sources	02-04-2024	0 Years, 11 Months, 8 Days	Scholar (Fulltime)
47	Ahteshamul Haque - Supervisor Shabana Mehfuz -Co-supervisor	202400693	Abrar Rasool Dar <darabrar012@yahoo.com>	M	G	Power Electronics & Electrical Machines	Efficient Onboard Chargers for Electric Vehicles	02-04-2024	0 Years, 11 Months, 8 Days	Scholar (Fulltime)
48	Abrar Ahmad- Supervisor	202400688	Omer Bin Abu Baker <omerabubaker1@gmail.com>	M	G	Power Electronics & Electrical Machines	Switched Capacitor based Multilevel Inverter for Grid Application	02-04-2024	0 Years, 11 Months, 8 Days	Scholar (Fulltime)
49	Majid Jamil- Supervisor	202400753	Sohail Ahmad Parah <sohailparah11@gmail.com>	M	G	Power System	Optimal Control Strategies for Integration of Renewable Energy Resources in a Microgrid	03-04-2024	0 Years, 11 Months, 7 Days	Scholar (Fulltime)
50	Tarikul Islam -Supervisor	202400864	Mohd Arif Ali <arifiiimt123@gmail.com>	M	G	Control & Instrumentation	Development of Assistive Sensing Technology for Substation Automation	03-04-2024	0 Years, 11 Months, 7 Days	Scholar (Fulltime)
51	Ahteshamul Haque-Supervisor Shabana Mehfuz -Co-supervisor	202400748	Rassiya Massarat <shahraasiya26@gmail.com>	F	G	Power System	Intelligent Power Management of Electric Vehicle to Home System	03-04-2024	0 Years, 11 Months, 7 Days	Scholar (Fulltime)
52	Shahida Khatoon-Supervisor	202309712	Manju Sharma <manju985388@gmail.com>	F	G	Power System	Modelling, Control and Fault Management in Hybrid Microgrids for Improved Power Quality and Stability	23-10-2024	0 Years, 4 Months, 15 Days	QIP-Scholar (Fulltime)

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53	Dr. Ahteshamul Haque (Supervisor) Prof. Shabana Mehruz (Co-Supervisor)	202500847	Bushra Weqar <bushra.weqar@gmail.com>	F	G	Power Electronics	Intelligent Energy Management System for Electric Vehicle Charging Stations	25-02-2025	0 Years, 0 Months, 13 Days	Full Time
54	Dr. Abrar Ahmad (Supervisor)	202500914	Tauqeer Un Nisa <rathertauqeer2@gmail.com>	F	G	Power System	Decarbonisation and net zero attainment with renewable energy technologies	27-02-2025	0 Years, 0 Months, 11 Days	Part Time
55	Prof. Zainul Abidin Jaffery (Supervisor) Prof. Anwar Shahzad Siddiqui (Co-Supervisor)	202500931	Nusrat Jahan <nusjahan254@gmail.com>	F	G	Power System	Optimized Energy Management for Electric Vehicle Charging Stations Integrating Solar PV and Advanced Control Strategies.	27-02-2025	0 Years, 0 Months, 11 Days	Full Time
56	Prof. Majid Jamil (Supervisor) Dr. Shiraj Kirmani (Co-Supervisor)	202500950	ANSHU PRIYA <apriya.21dec@gmail.com>	F	G	Power System	Design and implementation of low power IoT networks for smart cities	27-02-2025	0 Years, 0 Months, 11 Days	Full Time
57	Prof. Shahida Khatoon (Supervisor)	202500955	Mohd Shadaab <shadaabalam790@gmail.com>	M	G	Control & Instrumentation	AI-Based Flight Controller for UAVs	27-02-2025	0 Years, 0 Months, 11 Days	Full Time
58	Prof. Iqbal Ali (Supervisor)	202500957	Md Ibrahim <dean_ibrahimkhan@yahoo.in>	M	PWD	Power System	Electronics System For Quantum sensing	27-02-2025	0 Years, 0 Months, 11 Days	Full Time
59	Prof. Shabana Mehruz (Supervisor) Prof. Zainul Abidin Jaffery (Co-Supervisor)	202500913	Shefa Hasnain <shefahasnain@gmail.com>	F	G	Computer Technology	Development of AI algorithms for health assessment of patients using and radiology	27-02-2025	0 Years, 0 Months, 11 Days	Full Time
60	Prof. Anwar Shahzad Siddiqui (Supervisor) Prof. Iqbal Ali (Co-Supervisor)	202500980	Md Faizan Shamsi <faizanshamsi02@gmail.com>	M	G	Power System	Hybrid Microgrid With Real Time Demand Response for Urban and Institutional Settings	28-02-2025	0 Years, 0 Months, 10 Days	Full Time