


BIO-DATA

Name	Shipra Jain	
Designation	Assistant Professor	
Date of Joining	April 10, 2012	
Qualification	B.Tech (Electrical Engg.) M.Tech(Power System & Drives)	
Area of interest	Power System and Drives	
Teaching Experience	18 Years	
E-mail	shipraaggarwal1982@gmail.com	

Publications:

Journals Published

1. Shipra Jain, Rajesh Kr. Ahuja, Anju Gupta, "Power Management in a Microgrid Using Electric Vehicle" Turkish Journal of Computer and Mathematics Education(TURCOMAT)", Dec 2019
2. Shipra Jain, Rajesh Kr. Ahuja, Anju Gupta, "Experimental Validation of FPDM Controller for controlling and stabilizing the bus voltage of PV DC Microgrid", Dec 2021
3. Shipra Jain, Rajesh Kr. Ahuja, Anju Gupta, "A Review on Control Hierarchy of DC Microgrid", Design Engineering, Jan 2022

Conferences Participated:

1. Shipra Aggarwal, "Review of Electric Motor Toward The Advancement in the Automobile Sector" ICASEE- 2021
2. Shipra Jain, "Grid Integration of Renewable Energy Sources" ICASEE- 2021
3. Shipra Jain, Rajesh Kr. Ahuja, Anju Gupta, "Power Management in DC Microgrid" IASTSF-2022
4. Rajesh Saw, Anju Gupta, Shipra Jain, " Fuzzy Logic Control of MPPT of PV System" IASTF-2022

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Short Term Courses/ Workshops/Seminar Attended:

Sr. No.	Name of STC/FDP	Organized by	Date	
			From	To
1.	FDP on 'Application of Artificial Intelligence Tools in Power Systems'	YMCAUST, FBD	19.06.2012	25.06.12
2.	FDP on 'Simulation and Data Analysis'	GBU, Noida	09-07-2012	14-07-2012
3.	Workshop on 'Nanotechnology and Embedded System'	YMCAUST, FBD	23-07-2012	3.08.2012
4.	FDP on 'Emerging Trends in Engineering, Technology and Management	YMCAUST, FBD	1-06.2013	14-06-2013
5.	FDP on 'Teaching Skills Enhancement'	YMCAUST, FBD	6-01-2014	10-01-2014
6.	FDP on 'Soft Skills and Personality Development'	YMCAUST, FBD	15-07-2014	21-07-2014
7.	FDP on 'Application of MATLAB and SPSS in Research'	YMCAUST, FBD	22-07-2014	28-07-2014
8.	Artificial Neural Network through ICT	YMCAUST, FBD	25-04-2016	29-04-2016
9.	Automation: PLC and SCADA	YMCAUST, FBD	17-01-2017	21-01-2017
10.	Real time Data Acquisition and analysis using Lab view	YMCAUST, FBD	08.05.2017	12.05.17
12.	Intelligent Management of Renewable Energy Technologies	YMCAUST, FBD	18.01.2018	23.01.2018
13.	Climate change and sustainable infrastructure development	NITTTR, Chandigarh	04.06.2018	09.06.2018
14.	Curriculum Implementation	NITTTR, Chandigarh	08.10.2018	12.10.2018
15.	Embedded World	YMCAUST, FBD	26.11.18	30.11.18
16.	Hands on Training in Design and Fabrication of PCB	JCBUST, YMCA	18.07.2019	24.07.2019
17.	Professional Development Training under TEQIP III	IIM , Raipur	18.11.2019	22.11.2019
18.	Advanced Materials for Aatma Nirbhar Bharat	JCBUST, FBD	13.02.21	28.02.21
19.	Power Electronics Applications in Microgrid and Electric Vehicle Systems	JCBUST, FBD	01.03.2021	06.03.21
20.	"Professional Development Training" Programme for Faculty & Administrators of Project Institutions of Technical Education Quality Improvement Programme-III	IIM, Jammu (Online)	17.03.21	19.03.21
21.	Role of Power Electronics in Power Engineering	IIT, Gandhinagar	08.03.21	12.03.21

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22.	Principles and Advances in Electromagnetics	IIT, Madras	22.03.21	27.03.21
23.	Advanced Materials for Aatmanirbhar Bharat	JCBUST, YMCA, FBD	13.02.21	28.02.21
24.	Electrical Vehicle Techniques with OPAL-RT Solutions	JCBUST, YMCA, FBD	20.12.21	25.12.21
25.	Recent Challenges and Developments in Solar Energy Technologies and its Applications	JCBUST, YMCA, FBD	24.01.22	29.01.22
26.	Issues and Challenges of Grid Connected Renewable Energy Sources(ICGRE-22)	JMI, New Delhi	21.02.22	25.02.22

Project Supervision:

1. M.Tech (Major Project) : 04 (Completed)
2. M.Tech (Minor Project) : 04 (Completed)

Additional Duties in University/Department

1. Power System Lab Co-ordinator
2. CBS Co-coordinator
3. Mentor – Mentee Coordinator
4. UG Coordinator(2019-23)
5. Scholarship Coordinator