JTACON 2020

(**www.jta-jmi.com/conference**)

Jamia Millia Islamia, New Delhi

FINAL SCHEDULE AT A GLANCE

Date: Feb. 2020	Event	Time	Venue
16	Conference Inauguration	3:00 PM	Ansari Auditorium
	Art Exhibition Inauguration	4:30 PM	MFH Art Gallery
	High Tea	5:00 PM	Guest House Lawn
	Ek Sham Shahido ke Naam	6:00 PM	Ansari Auditorium
17	Registration	8:00 AM	Ansari Auditorium Lawn
	Gandhi and His Legacy	9:30 AM	Ansari Auditorium
	Tea	11:00 AM	Ansari Auditorium
	Founders of Jamia Millia Islamia	11:30 AM	Ansari Auditorium
	Lunch	1:00 PM	Guest House Lawn
	Technical Sessions	2:00 PM	Individual Departments
	Tea	3:45 PM	Individual Departments
	Technical Sessions	4:00 PM	Individual Departments
	Sufiyana Qawwali	6:00 PM	Ansari Auditorium
	Dinner	8:00 PM	Guest House Lawn
18	Citizenship & Constitution: Rights and Duties	9:30 AM	Ansari Auditorium
	Tea	11:30 AM	Guest House Lawn
	Citizenship & Constitution: Rights and Duties	12:00 PM	Ansari Auditorium
	Lunch	2:00 PM	Ansari Lawn
	Valedictory Function	3:00 PM	Ansari Auditorium

Note: Please join the Inaugural session on 16th February 2020 at 3:00 PM

For any discrepancy/suggestion/missing names, please immediately inform at jta2020@jmi.ac.in with subject "Schedule related"

Accommodation for Participants

Accommodation is available in the University Guest House on payment basis

Venue: Dr. M.A. Ansari Guest House
Type: Double or Triple Sharing
Charges: Rs. 500 per night
Availability: 15 Feb 2020 to 20 Feb 2020

Contact Person:

Dr. Abul Bashar
D/o Chemistry, JMI
Email: abashar@jmi.ac.in
Contact: 9456277727 (WhatsApp)
Alternate: 9650536078

*Please drop a mail with your Name and Request with following Information by 13th February 2020:

Name:
Affiliation:
Address and Contact No.:
Date and Time of Arrival:
Date and Time of Checkout:
Total Nights of Stay:

ELECTRICAL ENGINEERING
JTA Multidisciplinary International Conference-2020
JTACON-2020
Program Schedule for Paper Presentation of engineering department

February 17, 2020

Venue: SCADA LAB, Department of Electrical Engineering, Faculty of Engineering-Gate No.5

Timings: 2:15pm – 3:45 pm

S. No.	Title	Author(s)
Session EE1.1 : Smart Grid Technologies	
1.	Analysis and Testing of Multifunctional relay, performance using IEC-61850 Protocol	Abdul Azeem, Sanat, Majid Jamil
2.	Electrical Distribution network service restoration in Smart Cities Grid using ACO-FA	Amit Sharma, Majid Jamil
3.	An Intelligent Approach for Short Term Load Forecasting	Papia Ray, Uttamarani Pati
4.	Study and Analysis of GOOSE Publisher and Subscriber Model of IEDs incorporating with IEC-61850	Sanat, Abdul Azeem, Majid Jamil
5.	Study and Analysis of GOOSE Publisher and Subscriber Model of IEDs incorporating with IEC-61850	Sanat, Abdul Azeem, Majid Jamil
6.	Optimal Power Management of Renewable Energy Resources in a standalone Micro Grid	Uzair Malik, Shamshad Ali, Majid Jamil, M A Khan
7.	Application of Intelligent Techniques in Power System Restoration and Bottlenecks Involved	M. Majid
8.	Major Issues Related to Power Quality, Impacts and Possible Solutions in Utility Grid with Integration of Renewable Energy Sources-A Review.	Naresh Kumar, Anwar Sahzad Siddiqui, Rajveer Singh

Session EE1.2 : New & Renewable Energy Technologies

February 17, 2020

Venue: Committee Room, Department of Electrical Engineering, Faculty of Engineering-Gate No.5

Timings: 2:15pm – 3:45 pm

S. No.	Title	Author(s)
10.	Power Quality Analysis of a Grid Connected Solar PV System	AnirudhDube Majid Jamil, M Rizwan
11.	Techno-Economic Analysis of Renewable Energy based Hybrid System for Common Facilities of Rural Areas	Bandana, M. Rizwan
12.	Modelling, Simulation and Performance Analysis of Solar photovoltaic Water Pumping System	Archna Aggarwal, A.S. Siddiqui

13.	Feasibility Analysis of Solar Photovoltaic based Distributed Power Generating System for Rural Areas of Tanzania	IsakaJ.Mwakitalima, M. Rizwan, Narendra Kumar
14.	Technical and Economic Challenges of AC Microgrid	I. A. Hassan, V. Verma
15.	Impact of Renewable Energy Integration in a Distribution System by Optimizing Node Voltage and Minimizing Power Loss.	Masood Nazir, IkhlaqHussain, Aijaz Ahmad
16.	Title: Optimization of Solar Array Under Partial Shading Condition Using Genetic Algorithm	Md FaizanNomani, D. Swaroop,
17.	Battery Array Model for Demand Side Management in Residential Sector using Functional Link Artificial Neural (FLANN) Approach	MohiniYadav, Majid Jamil, M. Rizwan

Session EE1.3 : New & Renewable Energy Technologies

February 17, 2020

Venue: SCADA LAB, Department of Electrical Engineering, Faculty of Engineering-Gate No.5

Timings: 4:15pm – 5:45 pm

18.	Control of grid tied PV Battery Fuel Cell system under unbalanced grid conditions	MukulChankaya, IkhlaqHussain, Aijaz Ahmad
19.	Fuzzy-PID based MPPT enhancement of grid connected DFIG Wind energy system with TLBO optimization	SachinBhati, Diwaker Pathak, Prerna Gaur
20	Feasibility Study of Piezoelectric Flooring Clean Energy Harvesting System	Shomaila Khan
21.	Modelling and Simulation of Electric Vehicle by Using OPAL-RT	HuzaifaNaz, Sanat, Majid Jamil
22.	Variable Parameter Zero Attracting Least Mean Fourth Control for Double Stage Grid-Tied SPV System	Md. Ibrahim, MA Mallick, Tauheed Khan
23.	Data Based Controller Design for PMDC Motor Setup using System Identification	Ward UlHijaz Paul, Mudasir Bashir Bhat, SheerazKirmani, Shahkar Ahmad Nahvi
24.	Synthesis and characterization of ZnOnanoflower for dye-sensitized solar cells.	Seema Khan, Asif Jamil Ansari, SafiaAktharKazmi
25.	Deregulation Power Systems and Smart Metering Techniques	Puneet Chawla

Session EE1.4 : Instrumentation and Tools in Electrical Engineering

February 17, 2020

Venue: Committee Room, Department of Electrical Engineering, Faculty of Engineering-Gate No.5

Timings: 4:15pm – 5:45 pm

26.	Optimal Swing-up Controller Design for a Self-Balancing Autonomous Mobile Robot	ShahidaKhatoon, MdIstiyaque, NaimulHasan, Devendra Kumar Chaturvedi

27.	Advance driver assistance system using Fuzzy logic	Mohammad Ashhar, M. Jamil
28.	Power Quality Analysis and Enhancement using DSTATCOM for Three Phase Variable Load	Shamshad Ali, Majid Jamil, M A Khan
29.	Clinical Efficacy of Low Level Laser Therapy in Temporomandibular Disorders	Subuhi Yasmeen, Syed Ansar Ahmad, Munna Khan
30.	Therapeutic use of Ultrasound in Oral and Maxillofacial region	SurabhiRungta, Syed Ansar Ahmed, Munna Khan
31.	Assessment of human fatigue using finger tapping test	TaruTevatia, Munna Khan
32.	DEVELOPING SKILLS COMPATIBLE WITH EMPLOYABILITY: The Role of Polytechnic's Curriculum	MohdAzmatullahMobeen, Mumtaz Ahmad
33.	A simple fringing field capacitive sensor for milk adulteration detection	ArshiSalama, Tarikul Islam, ShirajSohail

Session EE1.5 : Electrical Engineering

February 17, 2020

Venue: Computer Lab, Department of Electrical Engineering, Faculty of Engineering-Gate No.5

Timings: 2:15pm – 3:45 pm

34.	Enhancement of the Extracted Maximum Power of PV Array During Partial Shading by Voltage Equalization Strategy Using Particle Swarm Optimization	A. H. Wani, S. A. Rana, Majid Jamil
35.	ANN-ANFIS Model for PV Power Prediction Based on Weather Type Classification	Gulnar Perveen, Mohammad Rizwan, Nidhi Goel
36.	Automated Load Scheduling of Renewable Electrical Energy by Fuzzy Optimization	Aditya Vikram, Dhairya Karna
37.	Modelling and Forecasting Solar Energy Potential	GulnarPerveen, Mohammad Rizwan, Nidhi Goel
38.	RENEWABLE ENERGY SOURCES: For Clean and green energy	Hemani Sharma, Irfan Ahmad Khan
39.	Roadway Powered Electric Vehicles	Kavya Goyal, Irfan Ahmad khan
40.	Differential Evolution-based Monte–Carlo Approach for Optimal Allocation of Distributed Generators in Distribution Network	Md Safdar Ali, Abrar Ahmad, Ward UlHijaz Paul
41.	Less Complex and Reliable Demand Response Approach for Energy Management in Distribution Networks Considering High PV Penetration Scenario	Priyanka Chaudhary, Mohammad Rizwan
42.	Speed Control of Hybrid Electric Vehicle using Cascade control of PI and PD controllers	Ashruti Upadhyaya, Prerna Gaur