

## **Work Address**

Dream Institute of Technology

Thakurpukur, B.H Road Kolkata- 700104

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## **ASMITA PODDAR**

**Objective** An enthusiastic, disciplined and focused academic professional aiming to fulfill the role of Educator applying 8+ years of academic experience. Adept in creating engaging curriculum and fostering student participation in both classroom and distance-learning environments.

<b>Experience</b>	January, 2019 - current	<b>Dream Institute of Technology</b> Asst. Prof. of <i>Electrical Engineering Department</i>
	September, 2014 - January, 2019	<b>Ideal Institute of Engineering</b> Asst. Prof. of <i>Electrical Engineering Department</i>

## **Education**

**Ph.D., Electrical Engineering, Jadavpur University (Pursuing, YOR: 2019)**  
Title of Thesis: Studies on Electrical Transport and ion kinematics phenomena in some oxide glassy systems.

**M.Tech, Power System (Electrical Engineering)**  
Netaji Subhash Engineering College, MAKAUT (West Bengal University of Technology)  
Title of Thesis: Active and Reactive power control of a 3-phase grid connected Distributed Generation.  
DGPA: 8.77

**B.Tech, Electrical Engineering**  
Dream Institute of Technology, MAKAUT (West Bengal University of Technology)  
DGPA: 8.29

## **Achievements**

- Planned and supervised JEXPO 2017 as Centre-in-Charge

- Coordinated several public sector examinations, including SSC, JEE Main, WBJEE, NEET.
- Attended number of seminars, conferences and FDPs conducted by Swayam (NPTEL), NITTTR, Enterprise Development Institute (EDI), Indian Chamber of Commerce (ICC).

### **Software Proficiency**

MS-Word, MS-Excel, MS-PowerPoint, MATLAB, Origin.

### **Workshop Attended**

- Participated in the conference named, “ALL INDIA SEMINAR ON “ELECTRICAL SAFTY”, organized by Electrical Engineering Division, Institution of Engineers (India).
- Participated in the Workshop on ‘Matlab Tools’ organized by Dream Institute of Technology, By Dr. Alok Kanti Deb, IIT KGP, March 2019.
- Attended one day Workshop on ‘Virtual lab vision’ organized by Dream Institute of Technology, By Dr. Alok Kanti Deb, IIT KGP, March 2019.
- NITTTR Workshop on ‘NBA Accreditation’ organized by Dream Institute of Technology, April 2019.

### **Job Profile**

- Assistant Professor in EE Department of the institute.
- Member of Examination Cell of the institute
- Member of Women Empowerment Cell of the institute

### **Publications**

#### **Book Chapters**

#### **Optical Properties of Some Li-Doped Glassy Systems**

Lithium Ion Glassy Electrolytes

Springer, 2022

ISBN: 978-981-19-3269-4, doi.org/10.1007/978-981-19-3269-4\_9

#### **Electrodes**

Lithium Ion Glassy Electrolytes

Springer, October, 2022

ISBN: 978-981-19-3269-4, doi.org/10.1007/978-981-19-3269-4\_13

#### **Publications**

#### **Dynamics of Ag<sup>+</sup> ions in CdI<sub>2</sub> doped electrolytes**

Materials Today Proceedings, Elsevier, July 2022

doi.org/10.1016/j.matpr.2022.07.229

**Transport properties of CdI<sub>2</sub>-doped silver ion conducting system: validation with first-principle DFT estimations**

Ionics, February 2022

doi.org/10.1007/s11581-022-04462-1

**Micromechanical hardness study and the effect of reverse indentation size on heat-treated silver doped zinc-molybdate glass nanocomposites**

Journal of Alloys and Compounds

doi.org/10.1016/j.jallcom.2018.08.085

**Performance Analysis of Genetic Algorithm as a Stochastic Optimization Tool in Engineering Design Problems**

International Journal of Recent Research in Electrical and Electronics Engineering (IJRREEE)

ISSN 2349-7815

**Active and Reactive Power Control of Distributed Energy Generation System with DC supply source using PI Controller.**

Journal of Electrical Engineering & Electronic Technology

Doi: 10.4172/2325-9833.1000113

**Personal Details**

Name : Ms. Asmita Poddar  
Date of Birth : 27/08/1989  
Residential Address : 35, Cossipore Road, M.I.G Quarters, D/6, Kol - 2  
Contact no.: +91- 8981594501/7980228695

**Subjects taken in UG level**

- Basic Electrical Engineering
- Control Systems
- Power Systems
- Utilization of Electric Power
- Renewable & Non-Conventional Energy
- Digital Signal Processing
- Sensors and Transducers