

## CURRICULUM VITÆ

### **Mr. SUBHASISH DEB**

Assistant Professor

**Department of Electrical Engineering**  
School of Engineering & Technology  
Mizoram University  
Aizawl-796004, India

Phone: +91-9774924735 / 9402322924 (Cell)  
Fax: +91-389-2330834  
E.Mail: [subhasishdeb30@yahoo.co.in](mailto:subhasishdeb30@yahoo.co.in)  
[mzut199@mzu.edu.in](mailto:mzut199@mzu.edu.in)

### **Personal Details:**

**Date of Birth:** 20<sup>th</sup> February 1987

**Sex:** Male

**Father's Name:** Mr. Nirode Ranjan Deb

**Marital Status:** Married

**Nationality:** Indian

**Permanent Address:** Kailashahar, Tripura, India-799279.

### **Educational Qualifications:**

**Doctor of Philosophy (Ph. D.):** Electrical Engineering, (Pursuing), NIT Silchar,

**Master of Technology:** Power and Energy System Engineering, 2012, NIT Silchar.

**Bachelor of Engineering:** Electrical Engineering, 2009, NIT Agartala.

**I.Sc. (+2) :** 2005, Tripura Board of Secondary Education

**High School:** 2003, Tripura Board of Secondary Education

### **Research Interest:**

- Power System Operation under Deregulated Environment
- Power System Congestion Management
- Impact of Plug-in Electric Vehicles on Power System
- Renewable Energy Sources Modeling and Integration in Power System
- Integration of FACTS Devices in Power System
- Soft Computing Applications in Power System

### **Details of Previous Employments:**

- Assistant Professor, Electrical Engineering Dept., Mizoram University (May, 2013 to Till date).
- Assistant Professor, Electrical Engineering Dept., Royal Group of Institutions (Now, Royal Global University), Guwahati (July, 2012 to May, 2013).
- Service Engineer (Graduate Engineer Trainee) of Power Transformer, AREVA T&D INDIA LTD., Allahabad (July 2009 to June 2010).

## **Administrative Experience:**

- Faculty-in Charge of **Central Training and Campus Placement for School of Engineering & Technology, Mizoram University** from 13<sup>th</sup> March 2018 to Till date.
- Faculty Coordinator, **Training & Placement, EE Dept.** from 01<sup>st</sup> August 2017 to 12<sup>th</sup> March 2018.
- Department **NAAC Coordinator, EE Dept.** from August 2017 to Till date.
- Convener, **Swatch Bharat Avhiaan, EE Dept.** from 28<sup>th</sup> August 2018 to Till date.
- Coordinator, **Mentor-Mentee, EE Dept.** from 1<sup>st</sup> August 2018 to Till date.
- Faculty Coordinator, **Mizoram University Techno Club (MZUTC)**, from July 2015 to June 2016.
- Member, **Board of Professional Studies, EE Dept.** from 23<sup>rd</sup> August 2018 to Till date.
- Member, **Board of Professional Studies, IT Dept.** from 13<sup>th</sup> October 2017 to Till date.
- Member, **Swatch Bharat Avhiaan, EE Dept.** from 10<sup>th</sup> September 2017 to 27<sup>th</sup> August 2018.
- Member of **Quality Circle Committee, Result Review and Analysis Committee, EE Dept.**, from July 2017 to Till date.

**Overseas Experience:** Nil

**Overseas Collaborations:** Nil

**Awards & Distinctions:** Nil

## **Professional Memberships:**

- Associate Member, Institute of Engineers, India (IEI), (Member ID- AM138985-0).
- Member, IAENG, (Member ID-157362).
- Member, IACSIT, (Member ID-80351052).

**Academic Achievements:** Nil

## **Research Papers Reviewed for Journals:**

- IET Generation, Transmission & Distribution
- IEEE Access
- International Transactions on Electrical Energy Systems, Wiley
- International Journal of Communication Systems, Wiley

## **Details of Professional Trainings:**

- Short term training programme on “Designing Assessment Tools for Effective Implementation of Technical Curriculum”, organized by NITTTR Kolkata, Guwahati Extn. Centre, 30<sup>th</sup> October – 3<sup>rd</sup> November 2017.
- Attended Refresher Course, UGC-HRDC, MZU Aizawl, 06<sup>th</sup> – 26<sup>th</sup> June 2017.

- Workshop on, “Advances in Stability Analysis on Dynamical System”, 08-12 March 2017, NIT Silchar.
- Short Term Course on “Recent Trends in Communication, Signal Processing and VLSI”, 14-18 Feb 2017, NIT Silchar.
- National Workshop on “Intelligent Sensing, Instrumentation & Control”, 30 January-3 February 2017, NIT Silchar.
- GIAN course on “Nanoelectronics Challenges for Internet of Things”, 5-9 January 2017, NIT Silchar.
- GIAN course on “Fuzzy Interpolative Controller and Applications”, 19<sup>th</sup> -26<sup>th</sup> September 2016, NIT Silchar.
- Short term course on “Energy Management and Energy Efficiency”, 23<sup>rd</sup> – 27<sup>th</sup> May 2016, IIT Guwahati.
- Attended Orientation Course, UGC-HRDC, MZU Aizawl, 18<sup>th</sup> Nov-15<sup>th</sup> Dec 2015.

### **Seminar/Symposia/Workshop Organized:**

- Organized National Level Championship on “ROBO-Fiesta-2014”, in the Electrical Engg. Dept., MZU from 27<sup>th</sup> - 28<sup>th</sup> May 2014.
- Organized National Workshop on “Recent Trends in Power and Energy” in the Electrical Engineering Department, Mizoram University from 08<sup>th</sup>-12<sup>th</sup> October 2018.

### **Research Projects: Nil**

1. International Projects: Nil
2. National Projects: Nil

### **Research & Teaching Experience:**

**Research:** 08+ Years

**Teaching:** UG                      06+ Years

PG+Ph.D.      01+ Years

### **Total Number of Publications:**

- i. **Research Papers:** 06 Journals + 08 Conferences
- ii. **Review Papers:** Nil
- iii. **Books/Book Chapters:** Nil
- iv. **Articles in News Papers/Magazines etc.:** Nil

## Citation Details (as on 01/10/2018)

	Google Scholar	Scopus
<b>h index</b>	05	04
<b>i10 index</b>	02	Nil
<b>Total Citations</b>	59	46

### Cumulative Impact factor

**Link for Google Scholar:** <https://scholar.google.co.in/citations?hl=en&user=TCiGZroAAAAJ>

**Link for Research Gate or Scopus:**

[https://www.researchgate.net/profile/Subhasish\\_Deb2/scores](https://www.researchgate.net/profile/Subhasish_Deb2/scores)

### Research Guidance:

- i) **Ph.D.** Nil
- ii) **M.Tech.** 02 (Pursuing)

### List of Ph.D./M.Phil Awarded : Nil

- a) Ph.D. : Nil
- b) M.Phil : Nil

### Expert Talk/Chaired Technical Sessions: Nil

### Full Details of Published Papers:

**A. Book/Book Chapters : Nil**

**B. Review Papers : Nil**

**C. Research Papers:**

**(i) International Journals:**

- **Subhasish Deb**, Pratik Harsh, Jajna Prasad Sahoo, Arup Kumar Goswami, “Charging coordination of Plug-in Electric Vehicle for Congestion Management in Distribution System”, International Journal of Emerging Electric Power Systems, July 2018, **(Accepted for Publication)**.

- **Subhasish Deb**, “Congestion Management by Integrating Distributed Generation using Cuckoo Search Algorithm”, *International Journal for Research in Engineering Application & Management*, 2018, Vol. No.3(11), Page No.: 100-105 [ISSN No.: 2454-9150].
- **Subhasish Deb**, “Congestion Management by Considering Optimal Location and Size of Distributed Generation using Firefly Algorithm”, *International Journal of Electrical Electronics & Computer Science Engineering*, 2018, Vol. No.: 5(1),Page No. 157-162. [ISSN No.:2348-2273 (online); 2454-1222 (print)].
- Sadhan Gope, Arup Kumar Goswami, Prashant Kumar Tiwari and **Subhasish Deb**, “Rescheduling of Real Power for Congestion Management with integration of Pumped Storage Hydro Unit using Firefly Algorithm”, *International Journal of Electrical Power & Energy Systems*, 2016, Vol. No.: 83, Page No. 434-442. [ISSN No.: 0142-0615].
- **Subhasish Deb**, Sadhan Gope, Arup Kumar Goswami, “Congestion Management Considering Wind Energy Sources Using Evolutionary Algorithm”, *Electric Power Components and Systems (Taylor and Francis Group)*, 2015, Vol. No.: 43 (7), Page No.: 723-732. [ISSN No.: 1532-5008 (print) 1532-5016 (online)].
- Subir Datta, Ksh Robert Singh, **Subhasish Deb**, Enhancement of fault ride through capability of doubly fed induction generator based wind energy conversion, *International Journal of Advanced information science and technology*, 2014, Vol. No. 3 (8), Page No.:142-149. [ISSN No.:2319-2682].

**(ii) International Conferences:**

- **Subhasish Deb**, Pratik Harsh, jaina Prasad Sahoo, Arup Kumar Goswami, “Charging coordination of Plug-in Electric Vehicle for Congestion Management in Distribution System Integrated with Renewable Energy Sources”, IEEE Power Electronics, Drives and Energy Systems Conference, IIT Madras, 18-21 Dec 2018 (**Accepted for Presentation**).
- **Subhasish Deb**, Arup Kumar Goswami, “Congestion Management by Generator Real Power Rescheduling using Flower Pollination Algorithm”, *International Conference on Control, Instrumentation, Energy & Communication (CIEC)*, 28-30 January 2016, Page No: 437-441 [ISBN: 978-1-5090-0035-7/16 IEEE].
- Sadhan Gope, Arup Kumar Goswami, Prashant Kumar Tiwari and **Subhasish Deb**, “Generator Rescheduling for Congestion Management Using Firefly Algorithm”, *International Conference on Energy Systems and Applications (ICESA)*, Pune 2015, Page No: 39-43 [ISBN: 978-1-4673-6817-9/15 IEEE].
- **Subhasish Deb**, Sadhan Gope, Arup Kumar Goswami, “Real Power Rescheduling for Congestion Management with Integration of Wind Farm Using Firefly Algorithm”, *International Conference on Energy, Power and Environment (ICEPE)*, NIT Meghalaya, Shillong 2015, Page No: 1-6 [ISBN: 978-1-4678-6503-1/15 IEEE].

- **Subhasish Deb**, Arup Kumar Goswami, “Rescheduling of Real Power for Congestion Management using Cuckoo Search Algorithm”, *IEEE conference INDICON*, 2014, Page No: 1-6 [ISBN: 978-1-4799-5362-2 IEEE].
- **Subhasish Deb**, Sadhan Gope, Arup Kumar Goswami, “Generator Rescheduling for Congestion Management with incorporation of wind farm using Artificial Bee Colony Algorithm”, *IEEE conference INDICON*, 2013, Page No: 1-6 [ISBN: 978-1-4799-2274-1 IEEE].
- **Subhasish Deb**, Arup Kumar Goswami “Congestion Management by Generator Rescheduling using Artificial Bee Colony Optimization Technique”, *IEEE Conference INDICON 2012*, Page No: 909-914. [ISBN: 978-1-4673-2270-6 IEEE].
- **Subhasish Deb**, Arup Kumar Goswami “Mitigation of Congestion by Generator Rescheduling using Particle Swarm Optimization”, *International Conference on Power and Energy(ICPEN), NERIST 2012*. Page No: 1-6. [ISBN: 978-1-4673-1667-5 IEEE].