

Curriculum Vitae

1. Name (Block Letters) : POOJA BORA
2. Father's/Mother's/ Husband's Name : Rajen Bora
3. Current Designation : Assistant Professor
4. Department : **Department of Electrical Engineering**
5. Institute : **Jorhat Engineering College**
6. Address for correspondence(with pin code) : **Department of Electrical Engineering
Jorhat Engineering College
Jorhat -785007 (Assam)**
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8. Educational qualification (HSLC onwards)

Qualification	Board/University	Year of obtaining degree	Specialization
HSLC	SEBA	2010	
HS	Assam Higher Secondary Education Council	2012	Science
B.Tech	Kaziranga University, Jorhat, Assam	2016	Electrical Engineering
M.Tech	Dibrugarh University	2018	Instrumentation and Control

9. Research Degree(s):

Degree	Name of the University	Date of award	Title
Ph.D	NIT, Nagaland	Pursuing	Energy Demand Prediction using Machine Learning

10. Details of Teaching/Research/Academic experience:

Designation	Employer	Period of Service		Scale of Pay
		From	To	
Assistant Professor	Jorhat Engineering College	1 st August 2018	Till date	Fixed

11. Details of publication

Journals

1. **"Power System Protection Using Superconducting Fault Current Limiter (SFCL)"** has been published in International journal of new technologies in Science and Engineering, IJNTSE-ISSN:2349-0780, Volume 5, Issue 3, May-2018.

Conferences

1. **"Application of superconducting fault current limiter for protection in Electrical transmission system"** accepted in International Conference on recent innovation in applied science, engineering and technology organized by The institute of Engineers (IEI, Mumbai) held on 16-17 June, 2018.
2. **"Application of superconducting fault current limiter for protection in Electrical transmission system"** has got published in volume 5, Issue 2, April-June, 2018 in International Journal of Research and Analytical reviews.

12. Area of Specialization: Instrumentation and Control Engineering

13. Areas of Research Interest :

14. M.Tech Dissertation Supervised

Sl No.	Name of Student	Dissertation	Year	Status
				Completed/Ongoing

15. PhD Thesis Supervised

Sl No.	Name of Student	Research Topic	Year of registration	Status
				Completed/Ongoing

16. Professional membership

Sl No.	Details	Organisation	Year
01	Life member	Indian Society of Earthquake Technology	From 2021

17. Details of participation in Faculty Development program/STTPs/Training activities

Sl No.	Details of FDP/STTPs/Training activities attended	Organisation	No of days	Year
1.	Winter training on MATLAB	Cetpa InfoTech Private Limited	02 days	2014
2.	Practical training in Electrical Department	Brahmaputra Valley Fertilizer Corporation Limited	15 days	2014
3.	Industrial training on Study On Electric Power Generation Process	North Eastern Electric Power Corporation limited	30 days	2015
4.	Industrial Process Automation training	Axis Global Institute of Industrial Training	30 days	2016
5.	Course on Fundamentals of Matlab Programming, Simulink, matlab Implementation	Institute of Computer Science and Technology	30 days	2018
6.	Workshop on Control system Hierarchy and safety system	TEQIP, Jorhat Engineering College, Jorhat.	01 day	2018
7.	Workshop on Advanced Matlab and its applications	TEQIP, Jorhat Engineering College, Jorhat.	02 days	2018
8.	Workshop on Registration Process and technical Aspects of National Academic Depository	ASTU in Association with Jorhat Engineering College under TEQIP, MHRD, Jorhat Engineering College, Jorhat.	01 day	2019
9.	Talk cum workshop on Gender Sensitization and Women Empowerment	TEQIP, Jorhat Engineering College, Assam.	01 day	2019
10.	Webinar on Women and Health Inequalities	Chandraprabha Saikiani Centre for Women Studies, Tezpur University.	01 day	2020
11.	Online workshop on Inculcating Universal Human Values in Technical Education	All India Council of Technical Education (AICTE).	05 days	2020

	Faculty Development Program Machine Learning and IoT with AWS	Electronics and ICT Academy, IIT Roorkee.	10 days	2020
12.	Webinar on Strategies for Searching IEEE Xplore	Central Library, Tezpur University.	01 day	2020
13.	National Faculty Development Program on Cyber Security	Department of MCA, CBIT (A) and Department of CSE, MGIT in association with Supraja Technologies.	07 days	2020
14.	Workshop on “Conductive charging of electrified vehicles: challenges and opportunities”	Conducted under IEEE Continuing Education.	01 day	2020
15.	International Faculty Development Program on “Emerging Trends in Sensors, Security and Smart Automation System (ETSSAS 2020)	Department of Electrical Engineering B.P. Poddar Institute of Management & Technology.	05 days	2020
16.	Webinar on “Modeling of Correlated Uncertainties in Optimal Operation of Islanded Microgrids”	Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.	01 day	2020
17.	Webinar on “Best Practices in Design and Installation of Solar PV systems”	Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.	01 day	2020
18.	National level Online Short term Training Program on Research Methodology	Faculty of Humanities and Science, Adayalampattu Phase II Campus, Dr. MGR Educational and Research Institute University.	08 days	2020
19.	FDP on smart city solutions for sustainable future	BMS College of Engineering(ATAL)	05 Days	2021

20.	EV and charging Infrastructure	National power training Institute(ATAL)	05 Days	2021
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18. List of short term courses organised/Conferences arranged/Course modules developed

Sl No.	Details of STTP/conferences organised	Venue	Date

19. Chair in Conference/ Invited Lecture/ Key note speaker:

20. Details of R&D Projects

Sl No.	Details	Organisation	Year	Status	Amount

21. Details of Major Consultancy Projects involved

Sl No.	Details	Organisation	Year	Amount

22. Other information:

Sl No.	Details	Organisation	Year