<u>**RESUME**</u>

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CAREER OBJECTIVE
To employ my hard work and dedications with a professional organization to achieve greater heights in life.

EDUCATIONAL QUALIFICATIONS

Name of Examination	Year of passing	Name of Institution / School	Board *I* University	Aggregate % / DGPA of Marks
Secondary Examination	2007	Nabapally Boys High School(H.S.)	W.B.B.S.E	72.12%
Higher Secondary Examination	2009	Nabapally Boys High School(H.S.)	W.B.C.H.S.E	67.4%
B.TECH	2013	TECHNO ENGINEERING COLLEGE BANIPUR	W.B.U.T	7.84 (DGPA)
M.TECH	2016	NARULA INSTITUTE OF TECHNOLOGY	M.A.K.A.U.T	8.16(DGPA)
PhD			M.A.K.A.U.T	Pursuing

WORK EXPERIENCE

Company Name	Period	Jobs & Responsibilities
BAID POWER SERVICES Pvt. Ltd.	20th NOV 2013 to 6th FEB 2014	Worked as an On Job Trainee(OJT) on the Project of wireless transmission using **MSP430G2553 kit** of TEXAS Instrument .
Narula Institute of Technology	2014 to 2016	Has taken theory and practical classes as a teaching assistant.
ASPIRE DISRUPTIVE SKILL FOUNDATION	20thDec 2016 to April 2017	Solar faculty of "SURYAMITRA" solar skill development program at Jyotirmoy School of Business, Sonarpur.
Narula Insitute of Technology	12thjuly 2017 to 21th Dec 2017	Taking theory and practical classes as a **guest faculty**.
SEACOM ENGINEERING COLLEGE	15TH JAN 2018 to 23rd Aug 2022	**Assistant Professor** of Electrical Engineering Department
SWAMI VIVEKANANDA UNIVERSITY	24th AUG 2022 to present	**Assistant Professor** of Electrical Engineering Department

TRAININGS & PROJECTS

Vocational Training	1)2 weeks training at **Writers' Building Electrical Sub Division** in Kolkata in the year 2012. 2)10 days training & plant familiarization program at **Durgapur Steel Plant (DSP).**

Industrial Training	Undergone 3 months training on **8051 based Embedded System & PIC microcontroller** at **XESP**, Kolkata in the year 2013.
Training	**Theory & hands on training** on Programmable Logic Controllers (PLCs) in Industrial Application at ORIENS INFOTECH PVT. LTD., Kolkata in 2012.
Final year project (B.TECH)	Thermal Analysis Of 3 Phase Induction Motor Under Plugging Condition To Determine The Hot Spot.
Final year project (M.TECH)	Modeling and simulation of three zone distance protection scheme during transmission line contingency.
Workshop	1) National level workshop on "**Application of MATLAB in Electrical Engineering" at NIT Nagaland.** 2) National Level Workshop entitled **"MODERN POWER SYSTEM "**organized by the Department of Electrical and Electronics Engineering, NIT Nagaland during February 10-14, 2023
Solar training	1)**Training of trainers program** on a)Solar PV installer suryamitra b) Solar PV installer Electrical c) Solar PV installer Civil d) For Domain skills and platform skills. 2)**Master trainer class** by "renac(renewables academy)" on Didactics and Enhanced Teaching methods. 3) **iRISE "UPSKILLING SURYAMITRA ON PV TECHNOLOGY AND ENTREPRENEURSHIP"** by renac .
Faculty Development Programme	1)Short Term Training Programme through ICT Mode on **Introduction to Network Security** organized by NITTTR,Kolkata. 2) Short Term Training Programme through ICT Mode on **Advanced Process Control and Instrumentation System** organized by NITTTR,Kolkata. 3) Short Term Training Programme through ICT Mode on **Development of Laboratory Instruction Manual** organized by NITTTR,Kolkata. 4) Faculty Development Program on **Effectiveness, Methodology & Assessment of Digital Education System** Organized by Modern Institute of Engineering & Technology, Bandel , Hooghly . 5) Research Methodology and document preparation in LATEX organized by St. Thomas' College of Engineering & Technology. 6) AICTE Trainning And Learning Academy Online FDP on **Sensors Technology**, The University of Burdwan. 7) AICTE Trainning And Learning Academy Online FDP on **Smart cities**, National power training institute. 8) AICTE Trainning And Learning Academy Online FDP on **Power Electronics application in Machine Drives and Power system**, NIT Mizoram.

	9) One week online faculty development program on **Research Opportunities in AI,ML and IOT in the field of Electrical Engineering**, **Gargi Memorial Institute of Technology,Kolkata**
	10) **FDP on "Smart Practices towards Tomorrow's Electric Power Paradigm", Gargi Memorial Institute of Technology,Kolkata**
	11) FDP on " Digital Protection of Power System ", **NPTEL , IIT,Madras.**
	12) FDP on " Research Methodology", NPTEL , IIT,Madras.
Webinar	1)Security of Things and their Low Cost Authenticated Interaction In the world of IoT organized by MAKAUT,WB.
	2) **Faculty Development: Online Teaching** organized by MAKAUT,WB.
	3) **Matlab for Engineering Practice, Science and Research** organized by MAKAUT,WB.
	4) **Sensor & Advanced Data Acquisition System** organized by MAKAUT,WB.
	5) **Application of Artificial Intelligence on Geo-Spatial Data** organized by MAKAUT,WB.
	5) **Matlab and Simulink for IOT Application in Engineering** organized by MAKAUT,WB.
	6) **Working Through The Lockdown** organized by MAKAUT,WB.
	7) **BASIC CONCEPTS OF STEGANOGRAPHY : HIDING DATA WITHIN DATA** organized by MAKAUT,WB .
	8) **Machine Learning using PYTHON** organized by SEACOM ENGINEEING COLLEGE.
	9) **Electric Power Grid's Response To COVID-19 Pandemic: Possible Recovery Measures** organized by GARGI MEMORIAL INSTITUTE OF TECHNOLOGY.
	10) International SAGE TALK on **Research Papers and Proposal Writings for Academic Career** organized by Department of Computer Science and Engineering, Sagar Institute of Research & Technology, Bhopal.

CONFERENCE AND JOURNAL

Conference	**"Three zone distance protection of modern power system with transmission line contingency" ,**International Conference on Computational Advancement in Applied Science and Engineering (IC2A2SE - 2016). - Suvraujjal Dutta, Dr. Sandip Chanda , Dr.Papun Biswas, Dr. Abhinandan De, **"Development of PMU data-based fault classification in smart electrical power networks"**, ICTCS 2022, Chandigarh,India. - Suvraujjal Dutta, Dr. Sandip Chanda , Dr.Papun Biswas, Dr. Abhinandan De, **"State Estimation of Smart Power System Networks with PMU Data and Machine Learning Algorithms"** , ESDA 2022,Kolkata,India. - Suvraujjal Dutta, Dr. Sandip Chanda, Dr.Papun Biswas, Dr. Abhinandan De**, A Survey on Dynamic state estimation strategies of power system networks** , ICICASEE 2023,Malda,India. - Suvraujjal Dutta, Dr. Sandip Chanda , Dr.Papun Biswas, Dr. Abhinandan De, **A Survey on Dynamic State Estimation strategies deployed for protection and control of modern Power Grid**,CCSN 2023, Mumbai,India.
Journal	"**Design and Development of Three-Zone Distance Relay Protection Scheme at MATLAB Platform**" ISSN 2250-2106, published in Journal(SCOPUS) of The Institution of Engineers (India): Series B in 2nd Nov 2020.

Book chapter					
	DOI No.	Name of the Article	Name of the Author	ISBN No.	Year of Publication
	https://doi.org/10.22271/ed.book.2863	A Survey on Strategies for Assessing the Dynamic State of Power Systems	SUVRAUJJAL DUTTA	978-93-6135-058-0	2024
	https://doi.org/10.22271/ed.book.2863	Review on Applications of Artificial Neural Networks for the protection of Power Systems	SUVRAUJJAL DUTTA	978-93-6135-058-0	2024
	https://doi.org/10.22271/ed.book.2863	An Investigation on How Variations in PV Power Generation Model Parameters affect	SUVRAUJJAL DUTTA	978-93-6135-058-0	2024

		Power Systems			
	https://doi.org/10.22271/ed.book.2863	The Method of Operation Condition Assessment and How it can be Usefully for Protection Systems	SUVRAUJJAL DUTTA	978-93-6135-058-0	2024
	https://doi.org/10.22271/ed.book.286	Indian Power System Frequency Analyses	SUVRAUJJAL DUTTA	978-93-6135-058-0	2024
	DOI: 10.1201/9781003540199-17	A survey on dynamic state estimation strategies of power system networks	SUVRAUJJAL DUTTA	9781003540199	2024
		Enhancing Power System Reliability: Three-Zone Distance Protection for Transmission Line Contingencies	SUVRAUJJAL DUTTA	978-93-6452-860-3	2024
		Optimal PMU Placement Methods in Power Systems: A Review of Phasor Measurement Unit	SUVRAUJJAL DUTTA	978-93-6452-860-4	2024
		HVDC Protection Strategies: An In-Depth Survey and Analysis	SUVRAUJJAL DUTTA	978-93-6452-860-5	2024
	DOI: 10.1201/9781003596745	Diagnosis of power system protection issues: a few factors of power system transformation	SUVRAUJJAL DUTTA	9781032980362	2024

	DOI: 10.1201/9781003596745	Shipboard Power System Intelligent Protection System Design	SUVRAUJJAL DUTTA	9781032980362	2024
	DOI: 10.1007/978-981-19-9638-2_40	Development of PMU Data-Based Fault Classification in Smart Electrical Power Networks	Suvraujjal Dutta	978-981-19-9638-2	2023

COMPUTER SKILLS

Programming Languages	C,HTML,MATLAB,MI POWER
Operating Systems	MS DOS, Windows98,2000,XP, Win 7,Win 8,Win 10,Win 11
Subject of Interest	Power system ,Power electronics, Basic electrical, Digital electronics
Software	Microsoft Word & Microsoft PowerPoint, Adobe Photoshop

Personal Details:

    Date of Birth   **:** 4th jan1991
    Father's name   **:** Saroj Kumar Dutta
    Gender   **:** Male
    Languages Known   **:** Bengali, Hindi, English
    Nationality   **:** Indian

I hereby declare that the information furnished above is true to the best of my knowledge

Signature of the Candidate: **Date:**