

CURRICULUM VITAE

NAME

Dr. SURYENDU DASGUPTA

ADDRESS

574,R.B.Avn. Bye Lane, Lichubagan,

P.O.:-Bhadreswar ,**Dist:-** Hooghly

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OBJECTIVE

To secure a challenging position in a reputable organization.Also to gain exposure and experience so that I can become a successful professional.

BRANCH

Electrical Engineering

PERSONAL DETAILS:

Date of Birth - 3rd December, 1985

Father's Name - Arun Kumar DasGupta

Languages Known - English, Bengali & Hindi.

Nationality - Indian

Sex - Male

Marital Status - Single

Religion - Hindu



ACADEMIC QUALIFICATION:

EXAMINATION/DEGREE	YEAR OF PASSING	BOARD/UNIVERSITY	INSTITUTION	PERCENTAGE/D.G.P.A.
A.I.S.S.E.	2001	C.B.S.E.	KENDRIYA VIDYALAYA NO.: -1, SALT LAKE	78.6
A.I.S.S.C.E	2003	C.B.S.E.	KENDRIYA VIDYALAYA NO.: -1, SALT LAKE	62.4
B-Tech	2007	W.B.U.T.	ASANSOL ENGG. COLLEGE	7.42(66.52%)
M.E.(Specialization in Electrical Machines)	2010	B.E.S.U.	B.E.S.U.	64.72
Ph.D.	2023	IIT(ISM) DHANBAD	IIT(ISM) DHANBAD	_____

WORK EXPERIENCE

Serving as Asst. Prof. in the Dept. of Electrical Engineering of **Swami Vivekananda University, Barrackpore** from **01.03.2024 to Till Date.**

Served as Asst. Prof. in the Dept. of Electrical Engineering of **BRAINWARE UNIVERSITY, Barasat** from **01.08.2023 to 28.12.2023.**

Served as Asst. Prof. in the Dept. of Electrical Engineering of **SKFGL, Mankundu** from **05.07.2011 to 31.10.2019.**

INDUSTRIAL TRAINING:

Performed industrial training for a period of 21 days at Eastern Railway Workshop, Jamalpur, Bihar from 16.06.2006 to 07.07.2006.

Ph.D. THESIS:

Title : **“ELECTRIC FIELD ESTIMATION AND OPTIMIZATION OF HIGH VOLTAGE APPARATUS”**

SKILL PROFILE:

Area of Interest: a) Electrical Machines.

b) Power systems.

c) Power Electronics and Drives.

Software Known: MATLAB, PSPICE & ANSYS WORKBENCH 11.0

Subjects taught at UG level : a) Basic Electrical Engineering.

b) Circuit theory and Networks.

c) Electrical Machines.

- d) Electrical Drives.
- e) Analog Electronic Circuits.

Subjects taught at PG level : Electrical Machine Analysis.

STRENGTHS:

Punctuality & Hard work.

HOBBIES:

Listening to music, Reading story books, playing Cricket, Football and Table Tennis.

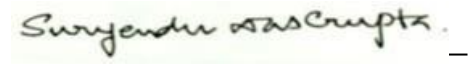
Publications :

- 1) **S.Dasgupta, S.Chaki, A.Bose, A.Lahiri, “Optimization of Live Electrode Design for desired field distribution in GITL using ANN”** in Proceedings of ICPEE, 2025, Bhubaneswar, India, [doi: 10.1109/ICPEE65973.2025.11410675](https://doi.org/10.1109/ICPEE65973.2025.11410675)
- 2) S. Bhowmik, P. Datta, **S. Dasgupta, A. Mitra, “Design and performance analysis of LCL filter based three phase stand alone inverter with induction motor drive”** in Proceedings of GIEST, 2025, Jamshedpur , India, doi: 10.1109/GIEST66547.2025.11387166
- 3) **S.Dasgupta, A. Baral, A. Lahiri, “ Optimization of Electrode-Spacer Arrangement Using Simplex Algorithm”**, IEEE Trans. on Dielectrics & EI , Vol. 30,no. 2, pp. 726-733 , Apr, 2023 doi : 10.1109/TDEI.2023.3242628
- 4) **S.Dasgupta, A. Baral, A. Lahiri, “Optimization of Electric Stress in a Vacuum Interrupter Using Charnes’ Big M Algorithm”**, IEEE Trans. on Dielectrics & EI, Vol. 30,no.2, pp. 877-882 , Apr, 2023 doi: 10.1109/TDEI.2022.3231224
- 5) **S.Dasgupta, A. Baral, A. Lahiri, “ Estimation of electric stress in a vacuum interrupter using multiple linear regression”**, IEEE Trans. on Dielectrics & EI, Vol. 29,no. 3, pp. 859-865, Jun, 2022, doi: 10.1109/TDEI.2022.3173521
- 6) **S. Dasgupta, A. Baral, A. Lahiri “Application of Wavelet Neural Network in Electric Field Estimation”**, in 1st International Conference on Computational Intelligence for Engineering and Management Applications (CIEMA), LNEE, Springer, 2022, pp. 43-58, doi: 10.1007/978-981-19-8493-8_4 (Awarded as 2ndBest Paper)
- 7) **S. Dasgupta, A. Baral,A. Lahiri, “Optimization of Electrode-Spacer Geometry of a Gas Insulated System”**, in Proceedings of 3rd International Conference on Foundations & Frontiers in Computer, Communication and Electrical Engineering – 2016 (C2E2 – 2016) held on 15th-16th January,2016 at SKFGI, Mankundu, Hooghly, W.B., India, Published in CRC Press, Taylor & Francis Group.

DECLARATION

I, hereby declare that the informations furnished above are true to the best of my knowledge.

Date : 28/06/2026

A handwritten signature in black ink, reading "Suryendu Dasgupta", is written on a light green rectangular background. A short horizontal line is drawn to the right of the signature.

Place : BHADRESWAR

(SURYENDU DASGUPTA)

