

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: DR. SURYENDU DASGUPTA

Designation: Assistant Professor

Department: Electrical Engineering

School: Engineering

Research Area: High Voltage Engineering

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: uKp31bgAAAJ

Orchid ID:0000-0001-5904-7493

Scopus ID

Vidwan ID: 420578

B. Publication details:

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Title of the paper	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.

2. Publications in SCI/Scopus indexed Journals:

Sl. No	Name of the Journal (mention SCI/scopus)	Title of the paper	Month & Year of Publication	Author(s) Name (Highlight the corresponding and 1 st author in every article)	doi number	Issue No. & Volume No.	Page no.	ISSN of the journal
1	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	Optimization of Electrode-Spacer Arrangement	PUBLICATION: FEBRUARY, 2023 VOLUME: APRIL, 2023	S.DASGUPTA, A. BARAL, A. LAHIRI	10.1109/TDEI.2023.3242628	VOL. 30, NO. 2	726-733	Print ISSN: 1070-9878 Electronic ISSN: 1558-4135

		t Using Simplex Algorithm						
2.	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	Optimization of Electric Stress in a Vacuum Interrupter Using Charnes' Big M Algorithm	PUBLICATION: DECEMBER, 2022 VOLUME: APRIL, 2023	S.DASGUPTA, A. BARAL, A. LAHIRI	10.1109/TDEI.2022.3231224	Vol. 30,no.2,	877-882	Print ISSN: 1070-9878 Electronic ISSN: 1558-4135
3.	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	Estimation of electric stress in a vacuum interrupter using multiple linear regression	PUBLICATION: MAY, 2022 VOLUME: JUNE, 2023	S.DASGUPTA, A. BARAL, A. LAHIRI	10.1109/TDEI.2022.3173521	VOL. 29, NO. 3	859-865	Print ISSN: 1070-9878 Electronic ISSN: 1558-4135

3. Book chapter:

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
1.	Computational Intelligence for Engineering and Management Applications Select Proceedings of CIEMA 2022	Springer	S.DASGUPTA, A. BARAL, A. LAHIRI	2023	ISBN-10. 9811984 921 . ISBN-13. 978-9811984 921	0.1007/978-981-19-8493-8_4
2	Foundations and Frontiers in Computer, Communication and Electrical Engineering	Taylor & Francis, CRC Press	S.DASGUPTA, A. BARAL, A. LAHIRI	2016	ISBN-10. 1138028 770.	NA

4. Text/Reference book published from reputed national/international publishers:

Sl. No.	Title of the Text/Reference Book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)

5. Project granted:

Sl. No	Sponsoring Agency	Name of the project	Duration		Amount in Lakhs	PI/ CO-PI
			Starting Month & Year	Ending month & Year		

6. Consultancy Project Grant:

Sl No.	Project title	Funding Agency	Duration	Completed (yes/no)	Sanctioned amount (in Rs.)	PI and CO- PI (if any)

7. Patent/IPR granted:

Sl. No.	Name of the patent	Name of the applicant	Name of the inventor	Date of File	Date of Publication	Whether Granted (yes/no); If yes, Date of Grant	Application No.

8.