

:FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: SUVRAUJJAL DUTTA

Designation: ASSISTANT PROFESSOR

Department: ELECTRICAL ENGINEERING

School: SCHOOL OF ENGINEERING

Research Area: Power system

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: anlumYUAAAAJ

Orchid ID: 0000-0002-2001-419X

Scopus ID: 57219710672

Vidwan ID: 500156

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	SCOPUS	Design and Development of Three-Zone Distance Relay Protection Scheme at MATLAB Platform	November 2020	Suvraujjal Dutta, Sandip Chanda & Abhinandan De	https://doi.org/10.1007/s40031-020-00505-1	Volume 102	pages 31-40	2250-2106
2	Scopus	A Review of Fault Detection and Diagnosis in Power Systems Using Artificial Intelligence	December 2024	Suvraujjal Dutta, Sujoy Bhowmik, Rituparna Mitra, Suryendu Dasgupta	DOI:20.14118.jsee.2024.V34I12.2059	Volume 34, Issue 12	Pages 487-496	1671-1793

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	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Suvraujjal Dutta , Rituparna Mukherjee, Avik Datta and Rituparna mitra	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
2	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Suvraujjal Dutta , Rituparna Mukherjee, Avik Datta and Titas Kumar Nag	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
3	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Suvraujjal Dutta , Avik Datta , Rituparna mitra and Rituparna Mukherjee	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
4	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Suvraujjal Dutta , Avik Datta , Rituparna mitra and Rituparna Mukherjee	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
5	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Suvraujjal Dutta , Avik Datta , Rituparna mitra and Rituparna Mukherjee	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
6	Intelligent Computation and Analytics on Sustainable Energy and Environment	CRC Press	Suvraujjal Dutta , Papun Biswas, Sandip Chanda, Abhinandan De	2024	9781003540199	10.1201/9781003540199-17
7	Frontiers of Engineering Innovation: Interdisciplinary approaches and Applications	BlueRose Publishers	Suvraujjal Dutta , Sandip Chanda, Papun Biswas & Abhinandan De	2024	978-93-6452-860-3	
8	Frontiers of Engineering Innovation: Interdisciplinary approaches and Applications	BlueRose Publishers	Suvraujjal Dutta , Titas Kumar Nag, Promit Kumar Saha, Susmita Dhar Mukharjee,	2024	978-93-6452-860-3	
9	Frontiers of Engineering Innovation: Interdisciplinary approaches and Applications	BlueRose Publishers	Suvraujjal Dutta , Avik Datta , Rituparna mitra and Rituparna Mukherjee	2024	978-93-6452-860-3	
10	Recent Advancement in Computational Intelligence and Design Engineering	CRC Press	Suvraujjal Dutta , Avik Datta, Titas Kumar Nag, Rituparna Mukharjee	2024	9781032980362	10.1201/9781003596745
11	Recent Advancement in Computational Intelligence and Design Engineering	CRC Press	Suvraujjal Dutta , Titas Kumar Nag, Promit Kumar Saha, Susmita Dhar Mukharjee	2024	9781032980362	10.1201/9781003596745
12	Engineering For Sustainability Research, Innovation, And Impact	Reyansh Global Research Foundation	Suvraujjal Dutta	2024	978-81-974962-9-5	
13	Information and Communication Technology for Competitive Strategies (ICTCS 2022)	Springer Nature	Suvraujjal Dutta , Sandip Chanda, Papun Biswas & Abhinandan De	2023	978-981-19-9638-2	https://doi.org/10.1007/978-981-19-9638-2_40

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.