

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: Promit Kumar Saha

Designation: Assistant Professor

Department: Electrical Engineering

School: School of Engineering

Research Area: Power Electronics, Renewable Energy, Electric Vehicle, Hardware Design

Details of research portfolio of faculty: A.

Researcher's ID details:

Google Scholar ID: LOMTovAAAAAJ&hl

Orchid ID: 0000-0002-3977-8309

Scopus ID : 57211159917

Vidwan ID: 500159

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.
1.	IEEE International conference of Electronics, Communication and Aerospace Technology (ICECA)	Improved Speed Response of ECM Drive Using Antiwind up Concept	12-14 June 2019	Promit Kumar Saha, Shashank Shekhar, Vijaya Laxmi and P. R. Thakura	International	https://doi.org/10.1109/ICECA.2019.8822174	978-1-7281-0167-5
2.	IEEE International Conference on Intelligent Systems and Green	Optimal PID Tuning of BLDC Drive using	29-30 June 2019	Shashank Shekhar; Promit Kumar Saha; P. R. Thakura	International	https://doi.org/10.1109/ICISGT.2019.00044072	978-1-7281-1423-1

	Technology (ICISGT)	LQR Technique					
3.	IEEE International conference of Electronics, Communication and Aerospace Technology (ICECA)	Cascaded Artificial Neural Network Based MPPT Algorithm for PV Application	12-14 June 2019	Ashish Kumar; Promit Kumar Saha; Shashank Shekhar; D. V. Siva Krishna Rao K	International	https://doi.org/10.1109/ICECA.2019.8821949	978-1-7281-0167-5

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.	Microsystem Technologies	Modelling of small signals in MISO DC- DC converters for hybrid	October 2024	Promit Kumar Saha, Nitai Pal, Faizan A. Khan and Aftab Alam	10.1007/s005 42-024- 05777-x	31	1-9	1432- 1858

		energy sources						
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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	Advances in Smart Grid Automation and Industry	Springer, Singapore	Nimish Kumar, Promit Kumar Saha, Nitai Pal and Neha Kumari	2021	978-981-15-7674-4	10.1007/978-981-15-7675-1
					978-93-6135-058-0	

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.
1	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, S. Majumdar, S. Adhikari <i>et al</i>		October 21, 2022	NO	202231055777
2	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Majumdar <i>et al</i>		February 10, 2023	NO	202331007278
3	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Adhikari <i>et al</i>		February 10, 2023	NO	202331007043
4	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Majumdar <i>et al</i>		February 10, 2023	NO	202331006577
5	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Majumdar <i>et al</i>		February 10, 2023	NO	202331006583

6	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Adhikari <i>et al</i>		March 24, 2023	NO	202331016241
7	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Majumdar <i>et al</i>		March 24, 2023	NO	202331016266
8	Indian Patent Journal	SWAMI VIVEKANANDA UNIVERSITY	P. K. Saha, A. Dhar, S. Majumdar <i>et al</i>		April 07, 2023	NO	202331022219

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