

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: KHAKON DAS

Designation: Assistant Professor

Department: Computer Science & Engineering

School: School of Engineering of Swami Vivekananda University

Research Area: Biomedical Image and Signal Processing with Hardware Implementation.

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: - https://scholar.google.com/citations?user=f_QcH7QAAAAJ&hl=en

Scopus ID :- 57202192595

Orchid ID:- N/A

Vidwan ID :- N/A

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 /ISB N no.
1	ANRF-sponsored 4th International Conference on Engineering Design and Computing (ICEDC) 2026	Re-Diagnosis of Patients' Using Photographs of Radiological Image Plates Related to Stroke and Tumor for Studying the Epileptic Status	2026 (Scopus Index)	*Khakon Das, Dinesh Jhaluka, Aniruddha Nag, Ashish Khare, Ranjan Kumar Mondal	International	https://doi.org/10.71431/978-81-998616-3-3	
2	International Conference on Advanced Data Analytics and Computing (ICADAC-2025)	An embedded system to identify the damage brain regions due to stroke, tumor and injury the known cause of the epilepsy	2026 (Scopus Index)	*Khakon Das, Ashish Khare, Nilesh Anand Srivastava, Aniruddha Nag	International	DOI:10.1201/9781003724995_15	

3	International Conference on Recent Advances in Artificial Intelligence & Smart Applications (2024)	eSmartView: An Embedded System for the Mobile Assistant to Recognize the Tumor and Virtually Identify the Affected Wing	2025 (Scopus Index)	Khakon Das, Ashish Khare, Nilesh Anand Srivastava, *Aniruddha Nag	International	https://doi.org/10.1007/978-981-96-5822-0_18	
4	International Conference on Pattern Recognition (ICPR 2024)	Fusion in Medical Imaging Techniques for Enhancing Stroke Region Detection: A Selective Review	2024 (Scopus Index)	* Khakon Das, Ashish Khare, Debashis Das Chakladar, Dinesh Jaluka	International	https://doi.org/10.1007/978-3-031-87657-8_12	
5	Computational Intelligence in Pattern Recognition: Proceedings of CIPR 2023	α and β -Testing of an Epileptic Seizure Detection Algorithm on Pre-ictal, Ictal, and Inter-ictal Part of EEG Signal	2023 (Scopus Index)	Khakon Das, *Ashish Khare	International	https://doi.org/10.1007/978-981-99-3734-9_21	
6	Proceedings of the Global AI Congress 2019	An Embedded System for Gray Matter Segmentation of PET-Image	2020 (Scopus Index)	* Khakon Das, Dipankar Khorat, Samarendra Kumar Sharma	International	https://doi.org/10.1007/978-981-15-2188-1_12	
7	Emerging Technology in Modelling and Graphics (2018)	Embedded Implementation of Early Started Hybrid Denoising Technique for Medical Images with Optimized Loop	2019 (Scopus Index)	* Khakon Das, Mausumi Maitra, Minakshi Banerjee, Punit Sharma	International	https://doi.org/10.1007/978-981-13-7403-6_28	
8	Recent Trends in Signal and Image Processing (2017)	Early Started Hybrid Denoising Technique for Medical Images	2018 (Scopus Index)	* Khakon Das, Mausumi Maitra, Punit Sharma, Minakshi Banerjee	International	https://doi.org/10.1007/978-981-10-8863-6_14	

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	Frontiers in Biomedical Technologies (FBT) (Scopus Index)	On Digitally Identifying the Very low-lying Amplitude Deviation and Rhythmic Irregularities in EEG Signal for Epileptic Seizure Detection and Analysis	2025 (Scopus Index)	Khakon Das, *Ashish Khare, Nilesh Anand Srivastava, Shankar Prasad Saha	Accepted	-	-	pISSN: 2345-5829 eISSN: 2345-5837
2	Biomedical Signal Processing and Control (SCI-E Index, I.F 4.9)	Epileptic seizure prediction by the detection of seizure waveform from the pre-ictal phase of EEG signal	2020 (SCI-E Index, I.F 4.9)	*Khakon Das, Debashis Daschakladar, Partha Pratim Roy, Atri Chatterjee, Shankar Prasad Saha	https://doi.org/10.1016/j.bspc.2019.101720	57	101720	Online ISSN: 1746-8108

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	Detection of epileptiform seizure from pre-ictal part of epileptic EEG recording: A single blind study (Indexed In: SCOPUS)	IGI Global Scientific Publishing	*Khakon Das, Shankar Prasad Saha, Kundan Kumar Singh	2020	-	DOI: 10.4018/978-1-7998-2584-5.ch003

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)
	N/A	N/A	N/A	N/A	N/A	N/A

5. Project granted:

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

6. Consultancy Project Grant:

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.

7. Patent/IPR granted

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