: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: Dr. Payal Bose

Designation: Assistant Professor

Department: Computer Science and Engineering

School: Computer Science and Engineering

Research Area: Digital Image Processing, Pattern Recognition, Machine Learning, Medical Image Processing, Data Analysis

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: IhNNkO8AAAAJ&h

Orchid ID: 0000-0002-2177-5775

Scopus ID: 57336730800

Vidwan ID: 500269

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	5th International Conference On Computational Intelligence	Innovative Skin Disease Diagnosis: A Hybrid Learning Framework for Skin Cancer Detection	Not Published Yet	**Suryabrata Das**, **Payal Bose***, Sanjay Nag, Samir Bandyopadhyay, Shawni Dutta. (2024)	International		

2. Publications in SCI/Scopus indexed Journals:

Sl. No	Name of the Journal (mention SCI/scop	Title of the paper	Month & Year of Publica	Author(s) Name (Highlight the corresponding and 1st author in every article)	doi number	Issue No. &Volume No.	Page no.	ISSN of the journal

	us)		tion					
1	Mathematical and Computational Applications (MCA) [Scopus, ESCI]	A Comprehensive Assessment and Classification of Acute Lymphocytic Leukemia	June 2024	**Payal Bose, Samir Bandyopadhyay***	https://doi.org/10.3390/mca29030045	29(3)	45	2297-8747
2	Bioengineering [Scopus SCIE]	A Novel Grammar-Based Approach for Patients' Symptom and Disease Diagnosis Information Dissemination to Maintain Confidentiality and Information Integrity	Dec 2024	**Sanjay Nag, Nabanita Basu***, Payal Bose, Samir Kumar Bandyopadhyay	https://doi.org/10.3390/bioengineering11121265	11(12)	1265	2306-5354

3. Book chapter

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1st author in every article)	Year	ISBN No.	doi no. (if applicable)
1	Healthcare Innovations in Smart Urban Settings	Swami Vivekananda University (Institutional Publisher)	Payal Bose and Sanjay Nag	2024	978-81-974233-0-7	NA
2	Recommender Systems in Course Selection for Smart Education Technology	Swami Vivekananda University (Institutional Publisher)	Payal Bose and Sanjay Nag	2024	978-81-974233-2-1	NA
3	APPLICATIONS OF GENERATIVE AI IN HEALTHCARE AND BIOTECHNOLOGY	Swami Vivekananda University (Institutional Publisher)	Payal Bose and Sanjay Nag	2024	978-81-974233-5-2	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 1st 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/ C O- 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.