

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: ARNAB DAS

Designation: ASSISTANT PROFESSOR

Department: COMPUTER SCIENCE AND ENGINEERING

School: SCHOOL OF COMPUTER SCIENCE

Research Area: ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, DEEP LEARNING

Details of research portfolio of faculty: A.

Researcher's ID details:

Google Scholar ID: -Pw01QfoAAAAJ

Orchid ID:- 0000-0002-3974-511X

Scopus ID :- 57205059600

Vidwan ID :-649071

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	International Conference on computational INTELLIGENCE	Enhancing DSR ROUTING protocol to predict optimal path using dragonfly and ABC algorithm	Jan 2022	ARNAB das, biswapati jana	International		978-981-16-9650-3
2	International Conference on emerging.	comparative analyses of bio-inspired routing	Aug 2021	Arnab Das, Biswapati Jana.	International	10.1109/ICET52717	10.1109/ICET52717

technologies.	Protocols for MANET.						
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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

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						

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.						

5. Project granted:

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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.

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

6. Consultancy Project Grant:

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

1	blockchain based electronic fare management device with distributed interface layout	dr ranjan kumar mondal	Arnab Das, Dr Ranjan Kumar Mondal	18th january 2026	31st january 2026	Granted. 30th january 2026	6499925
2	AI based telecommunication device for 5G vehicular network resource management	DR. SANTANU KOLEY	DR. RANJAN KUMAR MONDAL, TANMOY PAL, DR. CHANDAN BANERJEE, ARNAB Das, DR. TIRTHANKAR DATTA, PRAPTI GANGULY, DR. INDRANEEL MUKHOPADHYAY, DR. ANTON SATRIA PRABUWONO, SHWETA NANDKUMAR TEMBE, DR. SANTANU Koley	9/12/2025	19/12/2026	18/12/2025	6491263
3	Surgical robotic arm assembly with integrated AI camera	Dr shantanu koley	Dr ranjan kumar mondal, arnab das	28/11/2025	6/12/2025	5/12/2025	6488891
4	Ai based telecommunication device for 5g vehicular network resource management	Dr shantanu koley	Dr ranjan kumar mondal, arnab das, tanmoy pal, dr chandan banerjee	25/11/2025	3/12/2025	2/12/2025	6491263