

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: Dr. Ranjan Kumar Mondal

Designation: Assistant Professor and Head

Department: Computer Science and Engineering

School: Computer Science

Research Area: Cloud Computing, Internet of Things

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: wJEKdLIAAAAJ

Orchid ID: 0000-0002-4866-4004

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Vidwan ID: 500163

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	Educational Administration: Theory and Practice (Scopus)	NOODLE: An Innovative, Affordable Virtual Learning Device for Inclusive Education	2024	Alok Roy, Somsubhra Gupta, Ranjan Kumar Mondal, & Paromita Das	10.53555/kuey.v30i1.8149	30(1)	4664 - 4674	2148-2403

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.	Mobile Cloud Computing	IGI Global	Ranjan Kumar Mondal	2024	9798369309001	DOI: 10.4018/979-8-3693-0900-1.ch009
2.	Recent Advancements in Computational Intelligence and Design Engineering	CRC Press	Kishore Ghosh , Aritra Deb, Ranjan Kumar Mondal, and Somsubhra Gupta	2024	9781003596745 (ebk)	10.1201/9781003596745
3.	Recent Advancements in Computational Intelligence and Design Engineering	CRC Press	Mangaldip Ghosh and Ranjan Kumar Mondal	2024	9781003596745 (ebk)	10.1201/9781003596745
4.	Recent Advancements in Computational Intelligence and Design Engineering	CRC Press	Arindam Khan and Ranjan Kumar Mondal	2024	9781003596745 (ebk)	10.1201/9781003596745
5.	Recent Advancements in Computational Intelligence and Design Engineering	CRC Press	Laboni Sarkar and Ranjan Kumar Mondal	2024	9781003596745 (ebk)	10.1201/9781003596745
6.	Recent Advancements in Computational Intelligence and Design Engineering	CRC Press	Sourav Chakraborty and Ranjan Kumar Mondal	2024	9781003596745 (ebk)	10.1201/9781003596745
7.	Recent Advancements in Computational Intelligence and Design Engineering	CRC Press	Amitava Sarder and Ranjan Kumar Mondal	2024	9781003596745 (ebk)	10.1201/9781003596745
8.	Education, Technology and Sustainability	Bluerose Publishers	Anirban Ghosh* Dr. Ranjan Kumar Mondal	2024	978-93-6783-379-7	
9.	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Suchandan Ganguly and Dr. Ranjan Kumar Mondal	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
10.	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Dr. Ranjan Kumar Mondal	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
11.	Synergy in Science and Engineering: An Integrative Approach	AkiNik Publications	Dr. Ranjan Kumar Mondal	2024	978-93-6135-058-0	https://doi.org/10.22271/ed.book.2863
12.	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Satwik Ganguly and Dr. Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972
13.	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Amitava Sarder and Dr. Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972
14.	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Kasi Nath Dutta and Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972
15.	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Kasi Nath Dutta and Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972
16.	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Kasi Nath Dutta and Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972

17	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Kasi Nath Dutta and Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972
18	Fusion of Minds: Multidisciplinary Research in Emerging Technologies	AkiNik Publications	Kasi Nath Dutta and Ranjan Kumar Mondal	2024	978-93-6135-962-0	https://doi.org/10.22271/ed.book.2972
19	Applications of Internet of Things (IoT) in Smart Cities	Swami Vivekananda University	Ranjan Kumar Mondal , Manish Kumar Dubey	2024	978-81-974233-0-7	
20	The Evolution and Future of Generative AI From Theory to Practice	Swami Vivekananda University	Ranjan Kumar Mondal , Manish Kumar Dubey	2024	9788197423352	
21	Application of Machine Learning in Smart Education Technology	Swami Vivekananda University	Ranjan Kumar Mondal	2024	978-81-974233-2-1	
22	Sustainable and Predictive Analytics Model	Swami Vivekananda University	Ranjan Kumar Mondal	2023	978-93-5967-752-1	

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. 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	Model to efficiently capture persistent surveillance of user activity and user profiling behaviour in complex networks	Swami Vivekananda University	Subir Gupta, Ranjan Kumar Mondal, Koustav Dey , Pratik Bera, Sourav Saha, Soumen Nath	18-08-23	08/09/2023	No	202331055339 A
2	Robotic vehicle using ATMEGA328 microcontroller, ultrasonic sensor and Bluetooth for wireless control and data feedback, obstacle avoidance and autonomous maneuvers with precise area scanning	Swami Vivekananda University	Bablu Pramanick , Somsubhra Gupta, Saurabh Adhikari, Sourav Saha, Abhishek Dhar, Ranjan Kumar Mondal	31-01-24	09/02/2024	No	202431006559