FACULTY PROFILE

1. Personal Details

NAME	**CHANDRA BHUSHAN KUMAR**
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING
DESIGNATION	ASSISTANT PROFESSOR
PHONE	8826298318
EMAIL ID	chandra.bhushan@jssaten.ac.in
Date of Joining (JSSATEN)	10-02-2025

2. Experience

Total Experience in Years: Nil	Teaching:Nil	Industry: Nil	Research:Nil

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech.	Electronics and Communication Engineering	2012	The ICFAI University, Tripura	The ICFAI University, Tripura
M.Tech.	Digital Communication	2016	NITTTR, Bhopal	RGPV, Bhopal
Ph.D.	Biomedical Signal Processing and Advanced Machine Learning	Pursuing	IIT Delhi	IIT Delhi
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: Nil	National: 00
Papers Published in SCOPUS indexed	International: 2	National: 00

Journals		
Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 02	National: 00
Books / Book chapters Published	Name of the book: NIL Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University	No	NA
Ph.D.s / Projects Guided	Ph.D. Awarded: No Guiding: NIL	Projects at Master's Level: 02 Projects at Bachelor's Level: 47

6. Grants
i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
-	-	-

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

7. Awards Received

Awards "Best Paper Award"	Nil

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Unravelling sleep patterns: Supervised contrastive learning with self-attention for sleep stage classification	**Chandra Bhushan Kumar,** Arnab Kumar Mondal, Manvir Bhatia, B. K. Panigrahi, &T. K. Gandhi (2024)	*Applied Soft Computing*	*Applied Soft Computing, 167,* 112298.	Scopus	7.2	1
2	Self-Supervised Representation Learning-Based OSA Detection Method Using Single-Channel ECG Signals	**Chandra Bhushan Kumar,** Arnab Kumar Mondal, Manvir Bhatia, B. K. Panigrahi, &T. K. Gandhi (2024)	IEEE Transactions on Instrumentation and Measurement	IEEE Transactions on Instrumentation and Measurement, 72, 1-15	Scopus	5.6	1

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
-	-	-	-	-	-	-	-

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1.	Recognition of Obstructive Sleep Apnea from a Single Lead Electrocardiogram Signal Using a ResNet Model.	**Chandra Bhushan Kumar,** AmitBhogande, B. K. Panigrahi, &T. K. Gandhi (2024)	IEEE Xplore digital Library	2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT) (pp. 1-5). IEEE	YES	-	*IEEE*
2.	Video conferencing system for distance education		IEEE Xplore digital Library	*pp. 1-6, doi: 10.1109/UPCON.2015.7456682*			IEEE

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Science of Intelligence	IIT Jodhpur in collaboration with IIT Delhi	18 – 19 January 2020
2	*NEURAL NETWORKS LEARNING THEORY – ADVANCE TOPICS*	IIT Indore, under the program "GLOBAL INITIATIVE FOR ACADEMIC NETWORK (GIAN)	6-July-16 to 15-July-16
3	**Core teaching skills for PG Student**	NITTTR Bhopal	-
4	terrestrial television transmission system	Prasar Bharti	-

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1.	Brain Mapping and Artificial Intelligence Workshop	Department of EE at IIT Delhi	March 2019, 2021, 2023	Volunteer

vi. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	-	-	-

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1.	-	-	-	-

10. Membership of Professional Bodies:

Nil

11. Any other information you will like to share about your professional experience

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