FACULTY PROFILE

1. Personal Details

NAME	MANOJ KUMAR	
DEPARTMENT	INFORMATION TECHNOLOGY	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9811693191	
EMAIL ID	manojkumar@jssaten.ac.in	
Date of Joining (JSSATEN)	16-April-2008	

2. Experience

Total Experience in Years	Teaching: 14 Years	Industry: nil	Research: 4 Years

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	CSE	2007	Bhagalpur College of Engineering, Bhagalpur Bihar	Tilka Manghi University Bhagalpur, Bihar
M.E. / M.Tech. / M.Sc.	IT	2012	University school of Information and communication Technology, New Delhi	GGSIPU New Delhi
Ph.D.	Computer Vision	Pursuing	NIT Kurukshetra Haryana	NIT Kurukshetra Haryana
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals		
Papers Published in SCOPUS indexed Journals	01	
Papers Published in other Journals	02	

Papers Presented in Conferences / Symposium	03	
Books / Book chapters Published		
	Name of the book: Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University		
PhDs / Projects Guided		Projects at Master's Level: 04 Projects at Bachelor's Level: 30

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
1.	PRECISE DETECTION METHODOLOGY FOR SMALL OBJECTS USING INFRARED IMAGES	28/10/2022
2.	DESIGN A QUATERNION DEEP ATTENTION NEURAL NETWORK MODAL FOR THE CLASSIFICATION OF AN IMAGE FOR AN OBJECT-DETECTION	07/10/2022

iii. Consultancy

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

7. Awards Received

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.	Abnormal Human Activity Recognition Using Transfer Learning	Manoj Kumar, Anoop Kumar Patel, Mantosh Biswas	Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIM	vol 21 issue 11 2022	Scopus	1.3	Beijing Advanced Manufacturing Technology Consultation Center
1	Violence Detection Using Modified Descriptor using optical flow in Video	Manoj Kumar, Mantosh Biswas	Solid State Technology	Volume.64 issue :2, 2021			Pennwell Corporation
2.	Safety Watch: Providing Human Security through Smartphone's	Manoj Kumar,Parikshit Verma	International Journal of Advanced Research in Computer Science and Software Engineering	vol.5, pp. 155-159, 2015			
3	Signature verification using neural network	Manoj Kumar	International Journal on Computer Science and Engineering	vol-4,pp-1498-1499, 2012.			

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.	Human Activity Detection Using Attention	Manoj Kumar, Mantosh Biswas	8th International Conference on Computers, Management & Mathematical	2022	Scopus		Springer

Sl. No.	Title	Authors	Conference				
	Based Deep Network		Sciences (ICCM) 2022				
2.	Obstacle detection for visually impaired using Raspberry Pi and ultrasonic sensors	Ayush Wattal, Ashutosh Ojha, Manoj Kumar	National Conference on Product Design (NCPD 2016).				
3.	CARDIO HOME	Oshin Gupta Manoj Kumar, Itishri Singh	National Conference on Product Design (NCPD 2016).				
4.	Eye Tracking System In Utility Vehicle For Specially-abled	Pragya Jaiswal Manoj Kumar, Aishwarya Chhabra, Charu Gupta, Mohit Chaudhary	National Conference on Product Design (NCPD 2016).				

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Computational Intelligence	ABES Engineering College, Ghaziabad under TEQIP-III sponsored by AKTU, Lucknow	June 2018
2	High Performance Computing (HPC'18)	NIT Kurukshetra	19-23rd Sept. 2018
3	Soft Computing: Techniques, Tools and Applications	JSSATE NOIDA	11th June to 15th June 2018
4	Machine learning & its applications in Text and Image Analytics	JSSATE NOIDA	30th January to 3rd February 2017
5	Parallel Programming for HPC	IIT Delhi	23.05.2016 to 03.06.2016
6	Wireless Network	NITTTR-Chandigarh	May 2016
7	Summer Faculty Research Fellow Programme	IIT Delhi	16.05.2013 to 16.07.2013
8	Natural Language Processing	AKTU (Formerly MTU), Noida	23rd Nov to 24th Nov 2011

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	International Conference on Intelligent Control and Computation for Smart Energy and Mechatronic Systems, ICCSEMS-2020.	Jssate Noida	September, 2017	Co-editor of the proceedings
2.	International Conference on Cognitive Computing and Information Processing, CCIP-2015	Jssate, Noida	March 2015	Organizing Member

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

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

9. Details of NPTEL / COURSERA courses completed

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

10. Membership of Professional Bodies:

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

Mr. Manoj Kumar

Assistant Professor, Dept of IT

JSS Academy of Technical Education, NOIDA