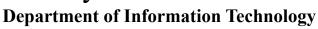


JSS Mahavidyapeetha

JSS Academy of Technical Education



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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	16-April-2008	
(JSSATEN)		

2. Experience

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

3. Qualifications

COURSES	SPECIALIZATION	Year of	INSTITUTION	UNIVERSITY
		Award		
B.E. / M.Sc.,	CSE	2007	Bhagalpur College of	Tilka Manghi University
			Engineering, Bhagalpur	Bhagalpur, Bihar
			Bihar	
M.E. /	IT	2012	University school of	GGSIPU New Delhi
M.Tech. /			Information and	
M.Sc.			communication	
			Technology, 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	01	
SCOPUS indexed Journals		
Papers Published in other	02	
Journals		

Papers Presented in	03
Conferences / Symposium	
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	Date of	Duration	Grant issuing authority/ Body /
	Amount	receiving the		Organization
		Grant		

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

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7	Awards	Re	ceive	ed.

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- 1		1
- 1		1

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/Com puter Integrated Manufacturi ng Systems, CIM	vol 21 issue 11 2022	Scopus	1.3	Beijing Advanced Manufactur ing Technology Consultatio n 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-1 498-1499, 2012.			

ii. National Journals

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

iii.Conferences

Sl.	Title of the	Name(s)	Name of the	Volume	WOS /	Impact	Publisher
No.	paper	of	Conference	No. Issue	Scopus	Factor	
		Author(s)		No. Year			
1.	Human	Manoj	8th International	2022	Scopus		Springer
	Activity	Kumar,	Conference on				
	Detection	Mantosh	Computers,				
	Using	Biswas	Management &				
	Attention		Mathematical				

	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

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