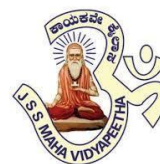





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education**  
**Department of Computer Science & Engineering**  
www.jssaten.ac.in



**FACULTY PROFILE**

Department: Computer Science and Engineering

**1. Personal Details**

NAME	Sur Singh Rawat	
DEPARTMENT	Computer science and engineering	
DESIGNATION	AP-2	
PHONE	9718958662	
EMAIL ID	Sur.rawat@jssaten.ac.in	
Date of Joining (JSSATEN)	01/02/2011	

**2. Experience**

Total Experience in Years	Teaching: 13 Years	Industry: Nil	Research: 6 Years
---------------------------	--------------------	---------------	-------------------

**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech	Computer engineering and Information technology	2004	Moradabad Institute of Technology	U.P. Technical University, Lucknow(U.P.)
M.Tech.	Software Engineering	2010	IIIT,Allahabad	IIIT,Allahabad
Ph.D.	Image processing	Thesis submitted	Uttarakhand technical University,Uttarakhand	Uttarakhand Technical University

**4. Research & Publications**

Papers Published in Web of Science indexed Journals	International 03	
Papers Published in SCOPUS indexed Journals	International 04	
Papers Published in other Journals	NIL	
Papers Presented in Conferences / Symposium	International 03	
Books / Book chapters Published		

	1. Name of the book:Data Intelligence and cognitive informative Publisher:Springer Year of Publication:2021
--	---

## 5. Research Guidance

PhD Guide? Give field & University	Nil,	a. Nil
PhDs / Projects Guided	Ph.D. Awarded: Guiding: Nil	Projects at Master's Level: 05 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
NIL				

### ii. Patents

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

### iii. Consultancy

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

## 7. Awards Received

<b>Awards "Best Paper Award"</b>	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	SCI/WOS / Scopus / Both	Impact Factor	Publisher
1	Infrared small target detection based on Non-convex Triple Tensor Factorization	Sur Singh Rawat,S.k. verma and Yatindra Kumar	IET Image processing	15	Both	1.96	IET
2	Reweighted Infrared patch image model for small target detection based on non-convex $L_p$ -norm	Sur Singh Rawat,S.k. verma and Yatindra Kumar	IET Image processing	14	Both	2.04	IET

	minimization and TV regularization						
3	Review on recent development in infrared small target detection algorithms	Sur Singh Rawat,S.k. verma and Yatindra Kumar	Elsevier	167	Both	-	Elsevier

#### 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
NIL							

#### 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	Infrared Small target detection based on Fractional directional derivative and Phase Fourier Transform	Sur Singh Rawat,S.k. verma and Yatindra Kumar	Data Intelligence and cognitive informative,2020	2020			Springer
2	Infrared Small target detection based on Phase Fourier Spectrum Transform,	Sur Singh Rawat,S.k. verma and Yatindra Kumar	International Conference on Communication, Computing and electronic system	2020			Springer

#### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Workshop on Cognitive computing	Northcap University,Gurgaon	Sept,2020

#### v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Attended 5 days E-symposium on "Global pandemic outbreak Role of technology and automation conducted by CSE department	JSSATE,Noida	2020	Participant
2	2 week Python FDP by IIT B conducted by EC department at JSSATE,Noida,2020	JSSATE,Noida	2020	Participant
3	1- Week FPD on IOT	GBPEC,Pauni garhwal,Uttarakhand,	2020	Participant
4	Attended 5 days E-symposium on "Global pandemic outbreak Role of technology and automation conducted by CSE department at JSSATE,Noida,2020	JSSATE,Noida	2020	Participant
5	Attended 1 week workshop on Computational Intelligence conducted by AKTU 2019.	AKTU	2019	Participant
6	Attended 1 week workshop on IoT conducted by NTTTR in 2018.	NTTTR,Chandigarh	2018	Participant

7	Attended 1 week workshop on Soft Computing conducted by AKTU in 2018.	AKTU,Lucknow	2018	Participant
8	Attended 1 week workshop on EDP conducted by NTTTR in 2017.	NTTTR,Chandigarh	2017	Participant
9	Attended 1week workshop on Machine Learning conducted by NTTTR in 2016	NTTTR,Chandigarh	2016	Participant
10	Attended 2 week workshop on education technology conducted by IITB in Jan 2015.	IIT, Bombay	2015	Participant

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

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

9. **Details of NPTEL / COURSERA courses completed**

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	NBA	NPTEL	Apr 2020	71

10. **Membership of Professional Bodies:**

1. NIL
2. NIL

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

**Mr. Sur Singh Rawat**

**Assistant Professor, Dept of CSE**

**JSS Academy of Technical Education,Noida**