

## 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	Suruchi Sabherwal
DEPARTMENT	Computer Science and Engineering
DESIGNATION	Assistant Professor
PHONE	9818844404
EMAIL ID	suruchi@jssaten.ac.in
Date of Joining (JSSATEN)	15/07/2009



## 2. Experience

Total Experience in Years	Teaching: 15 Years	Industry: nil	Research: 4 Years

#### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	Information Technology	2004	JIET JIND	Kurukshetra University
M.E. / M.Tech. / M.Sc.	Software Engineering	2006	UIET Kurukshetra	Kurukshetra University
Ph.D.	Online Social Networks	pursuing	Jaypee Institute of Information Technology, Noida	JIIT
Post Doc.				

#### 4. Research & Publications

Papers Published in Web of		
Science indexed Journals		
Papers Published in SCOPUS	01	
indexed Journals		
Papers Published in other		
Journals		
Papers Presented in	07	
Conferences / Symposium		
Books / Book	01	
chaptersPublished		

Name of the book: "Advanced Computational Techniques for Sustainable Computing"
Book Chapter
Publisher: Taylor and Francis Group Year of Publication: 2020

#### 5. Research Guidance

PhD Guide? Give field &	No	
University		
PhDs / Projects Guided		Projects at Master's Level: 01
		Projects at Bachelor's Level: 10

## 6. **Grants**

## i. Funds Received (Projects)

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

## ii. Patents

SI. No.	Title Details	Details of award of patent / Filed
1.	Advanced Intelligent Transportation	Filed with patent no-202131019794
	System for Driver Assistance Based on The Internet of Things	

## iii. Consultancy

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

## 7. Awards Received

Awards	Received in "2 <sup>nd</sup> International Conference on Networks and Cryptography" organised by
"Best	school of Computer and System Sciences, JNU New Delhi held on 4-6 December, 2020
Paper	
Award"	

#### 8. Publications

## i. International Journals

SI. 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

## ii. National Journals

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

1.	"A Machine	Suruchi Gera,	Journal of	Under	Scopus	0.77	Taylor &
	Learning	Adwitiya	Discrete	publication			Francis
	based	Sinha	Mathematical				
	Malicious Bot		Sciences &				
	Detection		Cryptography				
	Framework						
	for Trend-						
	centric Twitter						
	Stream"						

## iii. Conferences

SI. 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	"Influence Dynamics in Social Networks" at March 26-27 2018	Suruchi Gera, Adwitiya Sinha	Proceedings of 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT),	2018			SSRN Digital library
2.	Visual Question Answering-A Review"	Neeraj Yadav, Suruchi Sabherwal	INDIACom-2018 ISBN 978-93-80544-28-1	2018			
3.	Review paper on No More missing	Mitansha Aggarwal, Vandana Gupta, Anuj rana, Suruchi Sabherwal	ICCSEMS, 2020	2020			

## iv. Workshops /Conferences Attended

SI. No.	Name of the workshop / Conference	Organizer	Date	
1	Role of Technology and Automation organized by JSSATE Noida	JSSATE Noida	1 <sup>st</sup> June-5 <sup>th</sup> June 2020	
2	Two-weeks python FDP organized by JSSATEN	JSSATEN in association with Spoken Tutorial, IIT Bombay.		
3	Attended five days Workshop on Big-data and Hadoop organized	JIIT Noida		
4	ISTE STTP on "Design of Algorithms	by IIT Kharagpur (2 weeks)		
5	ISTE Workshop on Computer Programming	IIT Bombay		
6	STC on "Student Evaluation	NITTTR, Chandigarh		
7	Full -time course on ' Research methodology	NITTTR, Chandigarh		
8	Emerging Trends in Computer Vision and IoT	Chitkara University	2 July-6 July, 2020	
9	Virtual Lab Webinar	AKTU, Luicknow	4 May 2020	

## v. Workshops / Conference (Organized)

SI. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Role of Technology and Automation	JSSATE Noida	1 <sup>st</sup> June-5 <sup>th</sup>	
	organized by JSSATE Noida		June 2020	

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

SI. No.	Name of the workshop / Conference	Organizer	Date
	Computer Forensics and Cyber Crime	AICTE	14-19 December 2020

## 9. Details of NPTEL / COURSERA courses completed

SI. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Online Social Networks	NPTEL	30/04/2019	

2	Advanced plotting with Matplotlib	COURSERA	04/07/2020	-			
10. Membership of Professional Bodies:							
1.	Life Membership in Indian Society fo	or Technical Education (-					
2.							

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