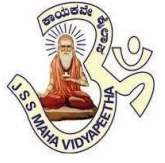





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
**Department of Information Technology.**



**FACULTY PROFILE**

**1. Personal Details**

NAME	<b>Dr. SUKHENDRA SINGH</b>	
DEPARTMENT	INFORMATION TECHNOLOGY	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9871895379	
EMAIL ID	sukhendrasingh@jssaten.ac.in	
Date of Joining (JSSATEN)	25-08-2008	

**2. Experience**

Total Experience in Years: 15.0	Teaching: 15	Industry: - Nil	Research: - 7
---------------------------------	--------------	-----------------	---------------

**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech.	Information Technology	2007	Indian Institute of Information Technology Allahabad	Indian Institute of Information Technology Allahabad
M.Tech.	Computer Science	2013	Birla Institute of Technology Mesra Ranchi	Birla Institute of Technology Mesra Ranchi
Ph.D.	Computer Science & Engineering Learning	2023	Dr. APJ Abdul Kalam Technical University, Lucknow, UP	Dr. APJ Abdul Kalam Technical University Lucknow
Post Doc.	-	-	-	-

**4. Research & Publications**

Papers Published in Web of Science indexed Journals	International: 07	National: 00
---	-------------------	--------------

Papers Published in SCOPUS indexed Journals	International: 06	National: 00
Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 02	National: 00
Books / Book chapters Published	1. Name of the book: “ <b>C programming for problem solving</b> ” Publisher: Jain Publishers (ISBN: 9354191339) Year of Publication: 2020	

## 5. Research Guidance

PhD Guide? Give field & University	No	University:
PhDs / Projects Guided	Ph.D. Awarded: <del>Yes</del> Guiding: NIL	Projects at Master’s Level: - Nil Projects at Bachelor’s Level: 25

## 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	DESIGN A QUATERNION DEEP ATTENTION NEURAL NETWORK MODAL FOR THE CLASSIFICATION OF AN IMAGE FOR AN OBJECT-DETECTION SYSTEM	Published
2	PRECISE DETECTION METHODOLOGY FOR SMALL OBJECTS USING INFRARED IMAGES	Published

### 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”	.
---------------------------	---

### 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	Systematic review of recent computer-aided diagnostic approaches in medical imaging	<b>Sukhendra Singh, B K Tripathi</b>	Advances and Applications in Mathematical Sciences	18, 8 2019	<b>WOS</b>	-	Milli Publication
2	“Breast Cancer Classification Using Transfer Learning:”	Sukhendra singh, <b>Animesh Seemendra, Rahul Singh</b>	Lecture Notes in Electrical Engineering	978-981-15-7803-8	<b>Scopus</b>	-	<b>Springer</b>
3	Indian Sign Language Recognition on PYNQ Board:	<b>Sukhendra Singh, Rathna G N</b>	Recent Advances in Computer Science and Communications	2021	<b>Scopus</b>	<b>.76</b>	<b>Bentham Science</b>

4	Anonymous Scheme for Secure Mobile Agent Migration Using Mignotte's Sequence and Back Propagation Artificial Neural Networks	<b>Pradeep Kumar,N</b> Singhal, Sukhendra singh	International Journal of Computer Information Systems and Industrial Management Applications	13,2021	Scopus	.33	<b>MIR Labs</b>
5	Pneumonia classification using quaternion deep learning	Sukhendra singh et-al	Multimedia Tools & Applications	2020	SCIE, WOS	3.7	Springer
6	Infrared target-background separation based on weighted nuclear norm minimization and robust principal component analysis	Sukhendra singh et-al	Mathematics	2022	SCIE, WOS	3.7	Springer
7	Deep attention network for pneumonia detection using chest X-ray images	Sukhendra singh et-al	CMC-Computers, Materials & Continua	2022	SCIE, WOS	3.0	Tech Science Press
8	Pneumonia detection with QCSA network on chest X-ray	Sukhendra singh et-al	Scientific Reports	2023	SCIE, WOS	5	Nature
9	Deep quaternion convolutional neural networks for breast Cancer classification	Sukhendra singh et-al	Multimedia Tools & Applications	2023	SCIE, WOS	3	Springer

10	Hybrid Models for Breast Cancer Detection via Transfer Learning Technique	Sukhendra singh et-al	CMC-Computers, Materials & Continua	2022	SCIE, WOS	3.0	Tech Science Press
----	---	-----------------------	-------------------------------------	------	-----------	-----	--------------------

## 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	Evaluation of Transfer Learning based Deep Learning architectures for Waste Classification	Sukhendra Singh et-al	International Symposium on Advanced Electrical and Communication Technologies (ISAECT)-	2021	Scopus	-	IEEE
2	Breast cancer classification using transfer learning	Sukhendra Singh et-al	Evolving Technologies for Computing, Communication and Smart World: Proceedings of ETCCS 2020	2020	Scopus	-	Springer

## iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Practical approach to networking.	IIT Kanpur	12-15 April 2012
2	Workshop on Computer Graphics of two weeks	IIT Delhi.	from 2 July 2012 to 13 July 2012
3	workshop of two weeks on Design and Analysis of Algorithms	IIT Kharagpur	May 2015
4	Workshop of three days on Advances in robotics	IIT Delhi	from 5th July 2012 to 7th July 2012
5	Workshop of two weeks on Research Methodology by	NITTR Chandigarh.	from 28 December 2015 to 8 January 2016

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

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role

**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**

I. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Programming and data structure with	NPTEL	April 2012	64
2	Design and Analysis of Algorithms	NPTEL	April 2011	59
3	Programming in C	NPTEL	April 2010	83
4	Fuzzy Logic and Neural Networks with score	NPTEL	April 2018	64
5	Machine Learning	NPTEL	December 2016	62
6	'NBA Accreditation and Teaching - Learning in Engineering	NPTEL	April 2020	86
7	'Practical Machine Learning with Tensorflow'	NPTEL	April 2020	74

**10. Membership of Professional Bodies:**

1.
2.

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

-  
**Dr.Sukhendra Singh**  
Assistant Professor, Dept. of IT  
JSS Academy of Technical Education, Noida