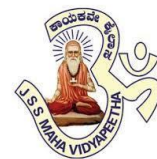





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education,**  
**Noida**



**Department of Information Technology**

**PROFILE**

**1. Personal Details**

NAME	<b>MS. MEENU SHUKLA</b>	
DEPARTMENT	INFORMATION TECHNOLOGY	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	+91-9109501423	
EMAIL ID	<a href="mailto:meenu.shukla@jssaten.ac.in">meenu.shukla@jssaten.ac.in</a>	
Date of Joining (JSSATEN)	08-01-2025	

**2. Experience**

Total Experience in Years	Teaching: 6 years	Industry: NIL	Research: 3 years
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**3. Educational Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
Poytechnic Diploma	CSE	2011	Govt. Polytechnic College, Gwalior	RGPV Bhopal
B.E.	IT	2014	Madhav Institute of Technology & Science, Gwalior	RGPV Bhopal
M.Tech.	Cyber Security	2017	Madhav Institute of Technology & Science, Gwalior	RGPV Bhopal

**4. Research & Publications**

Papers Published in Web of Science indexed Journals	International : 01	National : 00
Papers Published in SCOPUS indexed Journals	International : 07	National : 00
Papers Published in other Journals	International : 00	National : 00

Papers Presented in Conferences / Symposium	International : 07	National : 00
Books / Book chapters Published	3 Book Chapters, (02 in CRC press Taylor & Francis group 01 in IGI Global)	

## 5. Research Guidance

Projects Guided	PhD level: Nil	Projects guided at Master Level : NIL	Projects at Bachelor's level : 05
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## 6. Grants

### i. Funds Received

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.	Title of Convention: <b>IOT based secure system for monitoring patients using Blockchain</b>	Date of publication: 24/02/2023 Application no- 202311010127A
2.	Title of convention : <b>Stock trading with deep reinforcement learning</b>	Date of publication: 11/3/2022. Application no- 202211008158
3.	Title of convention : <b>Convergence of Block chain and IoT for secure transportation systems in smart cities</b>	Date of publication: 04/02/2022 Application no- 202241001899

### iii. Consultancy

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

## 7. Awards/ Certificates Received

1.	Completion of EC-Council Certified Cyber Security Technician (CCT) Certification Course on Apr 2024
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2.	Completed Full Stack Data Science Program offered by AlmaBetter in Feb 2024 with Certification
3.	Completion of EC-Council Ethical Hacking Essentials (EHE) Certification Course on July 2023

## 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.	Software defined network (SDN) based data server computing system	K. Madhura, Gillala Chandr a Sekhar, Amares h Sahu, M. P. Karthik eyan, Saniya Khuran a, Meenu Shukla & Nitish Vashish t	Internati onal Journal of Informat ion Technol ogy	Dec 2024	Scopus		Spring er
2.	Deep learning method for measureme nt-based anomaly recognition in manufactur ing control systems	Meenu Shukla, Raman Batra, Rohaila Naaz, Sanjeev Kumar Mandal	Multidis ciplinary Science Journal	June 2024	Scopus		Malqu e Publis hing
3.	A DMA-WSN Based Routing Strategy to Maximize	Sethi Deepak, Anand Jyoti, Shukla Meenu,	Recent Advance s in Electrica l & Electron	Sept 2023	ESCI		Benth am Scienc e Publis hers

	Efficiency and Reliability in a Ship to Communicate Data on Coronavirus	Tripathi Ankita	ic Engineering				
4.	Patient Monitoring System using Blockchain and IoT Technology	Shukla Meenu, Sethi Deepak, Bindal Loveneesh	Recent Advances in Electrical & Electronic Engineering	June 2023	ESCI		Bentham Science Publishers
5.	Decentralized Easyride using Smart Contracts	Meenu Shukla, Ashish Kumar Singh, Pradyumn Kumar Shukla, Ayush Singh Rawat	International Journal of Computer Science Trends and Technology (IJCST)	June 2023	UGC Approved	5.21	Eighth Sense Research Group (ESRG)
6.	IoT-Driven solutions for VANET trustworthiness: Examining misconduct and position security challenges	Meenu Shukla, Vaibhav Srivastava, Mayank Deep Khare, N. Vishnu Venkatesh	Multidisciplinary Science Journal	June 2023	Scopus		Malque Publishing
7.	Face Liveness Detection using OpenCV and Python	Meenu Shukla, Shashank Tyagi, Jayant Tomar, Pradeep Yadav	International Journal of Computer Science Trends and	June 2023	UGC Approved	5.21	

			Technology (IJCST)				
8.	A REVIEW ON HEART DISEASE PREDICTION USING DATA MINING TECHNIQUES	Meenu Shukla, Sandeep Kumar, Rishabh Sharma, Saurabh Sharma, Rishabh Tyagi	International Journal of Emerging Technologies and Innovative Research	May 2020	UGC Approved	7.95	

## ii. 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.	IOT and Machine Learning Based Real-Time Protection Against Cyber-Physical Threat Mitigation	Harnit Saini, Faz Mohamad, Manoj Kumar Singh, Kapil Kumar Sharma, Meenu Shukla, Ramendra Singh	International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	Aug 2024	Scopus		IEEE
2.	Multilayer classification based Alzheimer's disease detection	S. Vijayalakshmi, V. Sivakumar, Savita, Meenu	Proceedings Of 5th International Conference On Sustainable Innovation In Engineering	Aug 2024	Scopus (Elsevier)		AIP Publishing

		Shukla	And Technology				
3.	Assessing Independent Component Transformations for Improved Object Recognition in Hyper Spectral	R Kamalrai, Meenu Shukla, Nikita Jain	International Conference on Optimization Computing and Wireless Communication (ICOCWC)	Mar 2024	Scopus		IEEE
4.	Reliable Fault Tolerance and Recovery for VLSI Systems	Meenu Shukla, Amit Kumar, Prerna Mahajan	International Conference on Optimization Computing and Wireless Communication (ICOCWC)	Mar 2024	Scopus		IEEE
5.	Neural Circuit Development for Vocal Communication	Meenu Shukla, Gadug Sudhamasu, Khushboo Sharma	International Conference on Power Energy, Environment & Intelligent Control (PEEIC)	Mar 2024	Scopus		IEEE
6.	Utilization of Processing of Images in Bio-Acoustics	Raja Praveen K N, Gajendra Shrimal, Meenu Shukla	International Conference on Power Energy, Environment & Intelligent Control (PEEIC)	Mar 2024	Scopus		IEEE
7	Understanding Time Series Analysis for Improved Forecasting Techniques	Umesh Kumar Singh, A Kannagi, Meenu Shukla	International Conference on Optimization Computing and Wireless Communication (ICOCWC)	Mar 2024	Scopus		IEEE

### iii. Book Chapters

S l	Title	Book Title	Authors	Organizer/	Year	Indexing
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No.				Publisher		
1	Cyber Security Techniques management	"Holistic Approach to Quantum Cryptography in Cyber Security"	Meenu Shukla, Fatima Ziya, Sharmila Arun, Suraj Pal Singh	CRC Press Taylor and Francis Group	2022	Scopus
2	Computer assistive techniques for monitoring and tracking of patients' healthcare and engagement	"Leveraging AI Technologies for Preventing and Detecting Sudden Cardiac arrest and death"	Ankita Tripathi, Meenu Shukla, Fatima Ziya	IGI global Publisher	2022	Scopus
3	Multimedia Big Data	"The Multimedia Big Data Impact on Data Storage, Management and Security Strategies for Data Analytics"	Fatima Ziya, Meenu Shukla, R. Sharmila, Umang Kant, Jawwad Zaidi	Chapman and Hall/ CRC Press	2021	Scopus

#### iv. Workshops / FDP Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Attended One week Online Faculty Development program on "Cyber Security"	Electronics & ICT Academy, IIT Kanpur	20 <sup>th</sup> April to 24 <sup>th</sup> April 2023
2	Attended a seminar on 'Intellectual Property Rights'	NIPAM, Government of India	25 <sup>th</sup> April 2023
3	Completed one week Faculty Development Program on "Ethical Hacking"	BlackBuck Engineers from KKR & KSR Institute of Technology & Sciences, Guntur	27 <sup>th</sup> Feb to 3 <sup>rd</sup> March, 2023
4	Attended one week ATAL academy Faculty Development Program on "Research Trends in Data Analytics, Information Security and its	Chandigarh University	March 9 <sup>th</sup> to 13 <sup>th</sup> , 2022

	<b>Applications"</b>		
<b>5</b>	Attended one week ATAL academy Faculty Development Program on <b>"Advances in Artificial Intelligence"</b>	Siksha 'O' Anusandhan	January 21 <sup>st</sup> & 25 <sup>th</sup> , 2022
<b>6</b>	Attended one week AICTE Faculty Development Program on <b>"Universal Human Values (UHV)"</b>	AICTE	December 27th & 31st, 2021
<b>7</b>	Attended One week Online Faculty Development program on <b>"Future and Challenges in Engineering &amp; Technology"</b>	Krishna Engineering College, Ghaziabad	May 14th & 18th 2021
<b>8</b>	Attended one week ATAL academy Faculty Development program on <b>"Cyber Security"</b>	Jawaharlal Nehru National College of Engineering, Delhi	February 01st & 05th 2021
<b>9</b>	Attended webinar on <b>"Blockchain Technology"</b>	KITS, Guntur, Andhra Pradesh	June 24th 2020
<b>10</b>	Attended webinar on <b>"Present Scenario of Cyber Crime"</b>	Krishna Engineering College, Ghaziabad	June 21st 2020
<b>11</b>	Attended One week Online Faculty Development program on <b>"Machine Learning &amp; its Applications"</b>	<b>Electronics &amp; ICT Academy, IIT Roorkee</b>	April 13 <sup>th</sup> & 20 <sup>th</sup> 2020
<b>12</b>	Attended One week Online Faculty Development program on <b>"Internet of Things"</b>	<b>Electronics &amp; ICT Academy, IIT Roorkee</b>	January 13 <sup>th</sup> & 17 <sup>th</sup> 2020

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

<b>Sl. No.</b>	<b>Name of the workshop / Conference</b>	<b>Organized by</b>	<b>Date</b>	<b>Role</b>
<b>1</b>				

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

<b>Sl. No.</b>	<b>Name of the workshop / Conference</b>	<b>Organizer</b>	<b>Date</b>
<b>1</b>			
<b>2</b>			

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



Sl . No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Cyber Security Technician (CCT) Certification	EC-Council	04/04/2024	1st
2	Ethical Hacking Essentials (EHE) Certification	EC-Council	20/07/2023	1st
3	Computer System Security- E & ICT Academy	IIT Kanpur	12/05/2022	1st
4	ISO/IEC 27001 Information Security Management System	Udemy	21/08/2021	1st
5	Architecting with Google Compute Engine (GCP) Specialization Certification	Coursera	02/12/2021	1st
6	Python for machine learning & Data Science Master class	Udemy	24/06/2020	1st
7	Data Mining with Elite Certification	NPTEL	12/08/2019	1st

**10. Membership of Professional Bodies:**

1.
2.

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