FACULTY PROFILE

Department: Computer Science and Engineering

1. Personal Details

NAME	Dr. Rajshree Srivastava	
DEPARTMENT	Computer Science and Engineering	
DESIGNATION	Assistant Professor	
PHONE	8146629176	
EMAIL ID	rajshree@jssaten.ac.in	
Date of Joining (JSSATEN)	December 1, 2022	

2. Experience

Total Experience in Years	Teaching: 2	Industry:	Research: 3

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B. Tech	Computer Science and Engineering	2015	ACEIT	RTU
M.Tech.	Computer Science and Engineering - Information	2017	JIIT, Noida	JIIT, Noida

	Security			
Ph.D.	Computer Science and Engineering	Feb, 2024	JUIT, Solan	JUIT, Solan
Post Doc.	-			

4. Research & Publications

Papers Published in Web of Science indexed Journals	3	
Papers Published in SCOPUS indexed Journals	5	
Papers Published in other Journals	5	
Papers Presented in Conferences / Symposium	3	
Books / Book chapters Published	Book chapters: 7	
	Books: 5 Name of the book:**Recent trends and advances in artificial intelligence and internet of things** Publisher: Springer Year of Publication:2020 Name of the book:**Green Information and Communication Systems for Sustainable future** Publisher: CRC Press Year of Publication:2020 Name of the book:**Trends in Deep Learning Methodologies** Publisher: Elsevier Year of Publication:2021 Name of the book:**Computational Intelligence for Machine Learning and Healthcare Informatics** Publisher: De-Gruyter Year of Publication:2020 Name of the book:**Predictive Intelligence in Biomedical and Health Informatics**	

	Publisher: De-Gruyter
	Year of Publication:2020

5. Research Guidance

PhD Guide? Give field & University		
PhDs / Projects Guided		

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.	A Proficient Web Based Health Tracking System Provided by Cloud Computing and Machine Learning	2022

iii. Consultancy

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

7. Awards /Achievements

Awards/Achievements	**Poster Presentation:** Ankit Gupta, Rajshree Srivastava "Establishing a secure environment using IOT", 6th Privacy and Security Symposium 2018, at **IIIT-DELHI**, Delhi, 14th April 2018. **Article published:** Rajshree Srivastava**,** "**Importance of Business Intelligence in Digital Marketing**", **CSI Communications**, Knowledge Digest for IT Community, Business Intelligent, ISSN 0970-647X, Volume No. 42|Issue no. 7|October 2018|page no. 18-20. **Guest lecture delivered:** Delivered a talk on "**Machine Learning in Health Care**" at **IIT Kharagpur** on 16th Feb 2019 in the event of Vishleshan-2019.

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.	A hybrid model for the identification and classification of benign and malignant thyroid nodules on medical USG image	Rajshree Srivastava, Pardeep Kumar	IJMIC	2022	Scopus, ESCI		Inderscience
2.	A Contemporary Review on Soft Computing Techniques for Thyroid Identification and Detection	Rajshree Srivastava, Pardeep Kumar	IJCAT	2022	Scopus, ESCI		Inderscience
3.	GSO-CNN based Model for the Identification and Classification	Rajshree Srivastava, Pardeep Kumar	Network modeling analysis in health informatics and	2022	Scopus, ESCI		Springer

	of Thyroid Nodule in Medical USG Images		bioinformatics (NHIB)				
4.	A CNN-SVM hybrid model for the classification of thyroid nodules in medical ultrasound images	Rajshree Srivastava, Pardeep Kumar	IJGUC	2022	Scopus, ESCI		Inderscience
5.	Deep-GAN: An Improved Model for Thyroid Nodule Identification and Classification	Rajshree Srivastava, Pardeep Kumar	Neural computing and application	2024	Scopus, SCI	6	Springer
6.	Optimizing CNN Based Model for Thyroid Nodule Classification Using Data Augmentation, Segmentation and Boundary Detection Techniques	Rajshree Srivastava, Pardeep Kumar	Multimedia Tools and applications	2023	Scopus, SCI	3.6	Springer
7.	Performance comparison of various machine learning algorithms for the identification and classification of thyroid nodules	Rajshree Srivastava, Pardeep Kumar	IJGUC	2023	Scopus, ESCI		Inderscience
8.	Alex-GAN based synthetic ultrasound images augmentation model for increasing the performance of thyroid nodules classification	Rajshree Srivastava, Pardeep Kumar	Scientia Iranica	2023	Scopus, SCI	1.435	

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.	Enhanced Slicing+: A New Privacy Preserving Micro-Data Publishing Technique	Rajshree Srivastava, Kritika Rani	In International Conference on Next Generation Computing Technologies	pp. 210-220	Scopus		Springer
2.	BL_SMOTE Ensemble Method for Prediction of Thyroid Disease on Imbalanced Classification Problem	Rajshree Srivastava, Pardeep Kumar	In Proceedings of Second International Conference on Computing, Communications, and Cyber-Security	pp. 731-741	Scopus		Springer
3.	A novel model for novel model for the identification and classification of thyroid nodules using deep neural network	Rajshree Srivastava, Pardeep Kumar	4th International Conference on Machine Intelligence and Signal Processing (MISP2022), NIT Raipur, Springer	pp-1-12	Scopus		Springer

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	Data Analytics and Machine Learning with R (DAMLR-2018)	MNNIT Allahabad	28th May- 1st June 2018
2.	Granular Data Mining: Concepts, Models and Applications	DIT University	11th May 2018
3.	Machine Learning	Electronics & ICT Academy IIT Roorkee	18th April 2018- 20th April 2018
4.	Machine learning	DIT University, Dehradun (Uttrakhand)	31st March, 2018
5.	Stegnography	DIT University, Dehradun	22nd March, 2018
6.	Cognitive Services and Cyber Security	DIT University, Dehradun	19th March, 2018
7.	PYTHON	DIT University, Dehradun	10th March, 2018
8.	Electrical Power System	DIT University, Dehradun	7th March, 2018
9.	Green Building Techniques by GRIHA	DIT University, Dehradun	6th March, 2018
10.	Cognitive Computing	DIT University, Dehradun	18th February, 2018
11.	PHP	DIT University, Dehradun	3rd Feb, 2018
12.	C# Corner Chandigarh Chapter Meet	DAV College Campus, Sector-10, Chandigarh	29th October 2017
13.	Workshop on Information Security	JIIT Noida	22nd Dec. to 24th Dec., 2015
14.	4th Security & Privacy Symposium organized by Cyber security Education and Research Center (CERC), IIIT-Delhi	IIIT-Delhi	12th-13th February, 2016
15.	Recent Developments in Computer Vision & its Emerging Applications	VIT Vellore	18th March-2019.
16.	Machine Learning and Data Analysis in Python	Electronics & ICT Academy IIT Roorkee, at DIT University, Dehradun	27th Dec- 31st Dec 2018
17.	Pattern Recognition and Image Analysis	Electronics & ICT Academy IIT Roorkee, at Teer thanker Mahaveer University, Moradabad	16th March 2018- 20th March 2018
18.	Networking Simulation	Dell soft Technologies at Chandigarh University, Mohali (Punjab)	4th October, 2017
19.	Algorithms & Automata	MNNIT Allahabad	15th June- 24th June 2018

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1.	Hackathon 1.0	DIT University	9th -11th Feb 2019	Organizer
2.	Python Hands-On Workshop	Internity Foundation at DIT University, Dehradun	2nd Feb 2019	Organizer

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	In International Conference on Next Generation Computing Technologies	UPES	24 November, 2019
2.	In Proceedings of Second International Conference on Computing, Communications, and Cyber-Security	KIET	25 May, 2021
3.	4th International Conference on Machine Intelligence and Signal Processing (MISP2022), NIT Raipur, Springer	NIT Raipur	12 March, 2022

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:

IEAE, IEEE, Internet Society, ACM- WOMEN, CSI, IAENG, BJIT

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

Dr. Rajshree Srivastava

Assistant Professor

Department of CSE

JSS Academy of Technical Education, Noida