



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	Dr. Deepti Aggarwal	
DEPARTMENT	Computer Science and Engineering	
DESIGNATION	AP-3	
PHONE	9811477022	
EMAIL ID	deeptiaggarwal@jssaten.ac.in	
Date of Joining (JSSATEN)	1/1/2005	

2. Experience

Total Experience in Years	Teaching: 20.5 Years	Industry: NIL	Research: 3.5 years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	CSE	2000	Vaish College of Engineering, Rohtak	MDU, Rohtak
M.Tech.	CSE	2005	JRN Rajasthan Vidyapeeth Deemed University, Udaipur	JRN Rajasthan Vidyapeeth Deemed University, Udaipur
Ph.D.	CSE	2020	Jaipur National University, Jaipur	Jaipur National University, Jaipur
Post Doc.	NIL	NIL	NIL	NIL

4. Research & Publications

Papers Published in Web of Science indexed Journals	3	
Papers Published in SCOPUS indexed Journals	7	
Papers Published in other Journals	3	

Papers Presented in Conferences / Symposium	1	
Books / Book chapters Published	1	
	Name of the book:Computer Organization Publisher:Suhavi Publication Year of Publication:2011	

5. Research Guidance

PhD Guide? Give field & University	NIL	a. NIL
PhDs / Projects Guided	NIL	B.Tech.- 30 projects M.Tech- 2 thesis

6. Grants

i. Funds Received (Projects)

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

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1	Reduce, Re-Cycle and Reuse (RRR) IOT Intelligence Waste Management System	25/8/2021
2	Smart Dustbin- Sanitation & Solid-Liquid Waste Management	3/2/2020

iii. Consultancy

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

7. Awards Received

Awards “Best Paper Award”	NIL
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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	Significance of Non-Academic Parameters for Predicting Student Performance Using Ensemble	Aggarwal, D., Mittal, S., Bali V.	International Journal of System Dynamics Applications	10(3)	WOS	-	IGI Global

	Learning Techniques						
2	Sentiment Analysis of Tweets Using Supervised Machine Learning Techniques Based on Term Frequency	Aggarwal, D., Bali, V., Agarwal, A., Poswal, K., Gupta, M., Gupta, A.	Journal of Information Technology Management	13(1)	Scopus	0.32	University of Tehran
3	Identifying Non-Performing Students in Higher Educational Institutions Using Data Mining Techniques	Aggarwal, D., Mittal, S., Bali V.	International Journal of Information System Modelling and Design	12(1)	Both	0.31	IGI Global
4	Cancer Prediction Using Machine Learning Techniques Based on Clinical & NonClinical Parameters	Rashmi Nagar, Deepti Aggarwal, Urvashi Rahul Saxena, Vikram Bali	International Journal of Advanced Science and Technology	29(04)	Scopus	0.091	SERSC
5	Early Prediction and Diagnosis for Cancer Based on Clinical and Non-Clinical Parameters: A Review	R. Nagar, D. Aggarwal, U. R. Saxena and Vikram Bali	International Journal of Grid and Distributed Computing	13(1)	WOS	0.136	SERSC
6	A Review on Home Automation Using Smart Phones	D. Aggarwal, S. Gupta, S. Katheria and B. K. Verma	International Journal of Computer Sciences and Engineering	7(5)	NIL	0.98	ISROSET, Indore, India
7	Software Mobile Agent Migration: A Review	U. Upadhyay, P. Kumar and D. Aggarwal	Journal of Emerging Technologies and Innovative Research	6(4)	NIL	5.87	IJ Publication
8	Secure Migration of Mobile Agents using AES & Secret Sharing Approach	U. Upadhyay, P. Kumar and D. Aggarwal	International Journal on Emerging Technologies	10(2)	Scopus	3.1	Research Trend
9	An Insight into Machine Learning Techniques for	Aggarwal, D., Bali, V., Mittal, S.	International Journal of Innovative Technology	8(9S)	Scopus	-	BEIESP

	Predictive Analysis and Feature Selection		and Exploring Engineering				
10	Prediction Model for Classifying Students Based on Performance using Machine Learning Techniques	Aggarwal, D., Mittal, S., Bali V.	International Journal of Recent Technology and Engineering	8(2S7)	Scopus	0.158	BEIESP
11	Sentiment Analysis: An insight into Techniques, Application and Challenges	Aggarwal, D. G.	International Journal of Computer Sciences and Engineering	6(5)	NIL	0.98	ISROSET, Indore, India

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	NIL	NIL	NIL	NIL	NIL	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	IOT Based Solution for Waste Management: A Review	D. Aggarwal, P. Chaudhary, V. Jain, P. Sachan and R. Gupta	8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Noida, India	2020	Scopus	-	IEEE

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	One-week short term course on Technical teacher's role, self-esteem, motivation and professional development	JSSATEN	June '15
2	• One-week short term course on Effective curriculum implementation	JSSATEN	Mar '16
3	• One-week short term course on Wireless networks	JSSATEN	Jun '16
4	• One-week FDP on Machine learning and its application in text and image analytics	JSSATEN	Feb '17

5	• One-week short term course on Scilab Programming	JSSATEN	Aug '17
6	• One-week FDP on Applications of GIS and Remote sensing in Civil Engineering	JSSATEN	May '18
7	• One-week FDP on Soft Computing: Techniques, Tools and Applications	JSSATEN	June '18
8	• One-week FDP on Operations Management: Developing New perspective in the era of AI/ML	MIT, Merrut	June '20
9	• One-week FDP on Digital Learning with Multidisciplinary Approaches	JSSATEN	June '20
10	• One-week FDP on Recent Advances in Computer Science and Allied Domains	Sharda University	June '20
11	• One-week FDP on Applications of Machine Learning and Deep Learning	RKGIT	June '20
12	• Two-week FDP on Python	JSSATEN	July '20
13	• One-week FDP on Transforming Education with Industry 4.0	JUIT, Solan	June '20
14	• One-week FDP on Addressing Livability in a Post Pandemic World	Amity University, Kolkata	July '21

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	FDP on Soft Computing: Techniques, Tools and Applications	JSSATEN (TEQIP-III)	11.06.2018 to 15.06.2018	Organizing Committee
2	5-Day STTP on "Computer Forensics & Cyber Crime	JSSATEN (AICTE sponsored)	23.11.2020 to 28.11.2020	STTP CO-Coordinator
3	5-Day STTP on "Computer Forensics & Cyber Crime	JSSATEN (AICTE sponsored)	07.12.2020 to 12.12.2020	STTP CO-Coordinator
4	5-Day STTP on "Computer Forensics & Cyber Crime	JSSATEN (AICTE sponsored)	14.12.2020 to 19.12.2020	STTP CO-Coordinator
5	Global Pandemic Outbreak: Role of Technology & Automation	JSSATEN	01.06.2020 to 05.06.2020	Organizing Committee

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	ICCSEMS-2020	JSSATE, Noida	25.09.2020 – 26.09.2020

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
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1	Effective Engineering Teaching in Practice	NPTEL	10/05/2020	88%
2	NBA Accreditation Teaching & Learning	NPTEL	04/07/2020	92%
3	Introduction to Data Analysis using Excel	COURSERA	23/07/2020	-
4	Impact from Digital Transformation	COURSERA	11/07/2020	-

10. Membership of Professional Bodies:

1. NIL

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

- Session Chair in International Conference on Advancement in Interdisciplinary Research (ICAIR-2020)
- Reviewer in IEEE International Conference on Computing, Communication and Intelligent Systems organized by Sharda University in February, 2021
- Reviewer in ICAAAIML-2021: International Conference on Advances and Applications of Artificial Intelligence and Machine Learning organized by Sharda University in October, 2021
- Editor of Book '*Cyber-Physical, IoT, and Autonomous Systems in Industry 4.0*' by CRC Press, Taylor & Francis Group
- Guest editor of International Journal of Sensors, Wireless Communications and Control, Bentham Science (Scopus Indexed)
- Guest Editor of Journal of Information Technology and Management, University of Tehran (Scopus Indexed)

Dr. Deepti Aggarwal

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