JSS Mahavidyapeetha

JSS Academy of Technical Education

Department of Information Technology

FACULTY PROFILE

1. Personal Details

NAME	Dr. Geeta	
DEPARTMENT	Computer Science & Engineering (Data Science)	
DESIGNATION	Assistant Professor	
PHONE	+91-9654121068	
EMAILID	geetasingh0810@gmail.com geeta.singh@jssaten.ac.in	
Date of Joining (JSSATEN)	09/08/2023	

2. Experience

Total Experience in Years :7	Teaching: 6.5	Industry: NIL	Research:5

Name of the Guide (Ph. D): Dr. Shiva Prakash (Professor & Head, ITCA), MMMUT Gorakhpur, Dr. Santosh Kumar (Professor CSE), Galgotia University Greater Noida

Research Experience: 6 years,

3. Qualifications

	SPECIALIZATION	Yearof Award	INSTITUTION	UNIVERSITY

B.Tech.	Computer Science and Information Technology	2006	IET MJPRKU Bareilly	MJPRKU Bareilly
M.Tech.	Computer Science and Engineering	2013	MMMEC Gorakhpur	UPTU Lucknow
Ph.D.	Cloud Computing	2023	Dr. AKTU Lucknow	Dr. AKTU Lucknow
Post Doc.	NA			

4. Research & Publications

Paper Published in **SCIE**	International:**0**	National: 0
Papers Published in **Web of Science** indexed Journals	International: **0**	National: 0
Papers Published in **SCOPUS** indexed Journals/**UGC-CARE list,** Indian Citation Index	International:04(**Scopus**)	National: 0
Papers Published in other Journals	0	0
Papers Presented in Conferences/Symposium	International:3	
Books/Book chapters Published	4	

5. Research Guidance

6. Grants

i. Funds Received(Research Projects, International Travel Grant, FDP and Session Chair)

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 System Using Blockchain for Medical DataSecurity Assurance	202311068153

7. Awards Received

8. Research and Publications
i.International Journals

Sl. N o	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volum e No. Issue No. Year	WOS/ Scopus/Both	Impact Factor	Pub lish er

1	Enhancing QoS with Resource Optimization Technique Based on Harmony Search in Cloud Environment	Geeta, Santosh Kumar, Shiva Prakash	international Journal of Cloud Applications and Computing	ISSN: 2156-1834, Vol. 1(2022) ,pp.1-22. DOI:10.4018/ IJCAC.311504	**SCOPUS**	1	
2	Minimizing Makespan Time in Cloud Computing using Heuristic Elasticity based Dynamic Task Scheduling Algorithms	Geeta, Shiva Prakash, Santosh Kumar	Journal of System and Management Sciences	ISSN 1816-6075 (Print), 1818-0523 (Online) Vol.11 (2021) No.2, pp.29-47, DOI:10.33168/ JSMS.2	**SCOPUS**	1	
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3	A Performance Improvement Model for Cloud Computing using Simulated Annealing Algorithm	Geeta, Santosh Kumar, Shiva Prakash	International Journal of Computing And Digital Systems	ISSN:2 166-7160, Vol 10(202 2) DOI:10.4018/ IJSI.30 1222	**SCOPUS**	1	

| 4 | QoS and Load Balancing In Cloud Computing an Access for Performance Enhancement using Agent Based Software | Geeta, Santosh Gupta, Shiva Prakash | International Journal of Innovative Technology and Exploring Engineering | ISSN: 2278-3075, Volume - 8, Issue 11S, September 2019 | **SCOPUS** | 1 | |

ii. Book Chapters

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Book	Volume No. Issue No. Year/ ISBN	WOS/ Scopus/ Both	Publisher
1.	Review of Quality of Service Based Techniques in Cloud Computing: ACM-WIR2018	Geeta , Shiva Prakash	Data Science and BigData Analytics (pp.255-265)	ttps://doi.org/10.1007/978- 981-10-7641-1_ 2018	Scopus	Springer
2.	Role of Virtualization Techniques in Cloud Computing Environment	Geeta , Shiva Prakash	Advances in Computer Communication and Computational Sciences (pp.439-450)	DOI:10.1007/978-981- 13-0344-9_37 2019	Scopus	Springer
3.	Smart Healthcare System using IoT and 5G Network	Dr. Geeta, RajGaurav Singh, Shivani Pathak, Kajal Dubey	Computational Intelligence Techniques for 5G enables IoT Network.	April 2025	Scopus	Springer
4.	Deep Learning-Driven IoT Framework forDetecting Pancreatic Neuroendocrine Tumor	Mayank Raj, Sachin Bansal, Dr. Arun, Dr. Geeta	Computational Intelligence Techniques for 5G enables IoT Network.	April 2025	Scopus	Springer

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.	A Review on Quality of Service in Cloud Computing	Geeta, Prakash S.	Advances in Intelligent Systems and Computing,	2018	SCO PU S		Springer
2.	A Literature Review of QOS with Load Balancing in Cloud Computing Environment	Geeta and Shiva Prakash	International Conference Computer Society of India2015(CSI 2015)50thGolden Jubilee Annual Convention	2015	SCO PU S		Springer
3.	Role of Virtualization In Cloud Computing En	Geeta and Shiva Prakash	2ndInternational Conference Computer Communication and Computational Sciences"IC4S 2017"Thailand.	2017	SCO PU S		Springer
4.	ISDB-ACM-WIR2018	Geeta ShivaPrakash	Review of Quality of Service based Techniques in CloudComputing.	2018	SCO PU S		Springer

| 5. | Salesforecasting in Pharmacy Industry for Sales of drug product in Daily base | Geeta,Vipin Kumar Kushwaha &Bibhuti Sharan | 2nd International conference on Research Innovations in Engineering , Management & Pharmacy, "Gyanodaya-2023" | 2023 | - | | - |
| 6. | Real Time traffic Sign Recognirtion | Dr. Geeta, Divyanshi Verma, Shivanshu Jajor, Jatin Sharma | International Conference on Artificial Intelligence and Networking (ICAIN-2024) | 2024 | | | Springer Nature |

iv. Workshops/Conferences Attended

Sl.No.	Name of the workshop / Conference	Organizer	Date
1	FDP on Trends in Technological Intelligence(T2I 2023)	BBDNIIT Lucknow.	21stAug2023to25thAug 2023
2	FDP on Recent Trends in Computing 4.0	Viswakarma Institute of Technology	8th July to 13th July 2024
3	Leveraging AI/ML	YUGMA part of VMENTOR.ai	20th July 2024
4.	Advance Tools and Technology for Research Methodology	Research Foundation of India	02/12/2024 to 12/12/2024
4.	Training And Learning (ATAL) Academy Faculty Development Program on Research	SASI INSTITUTE OF TECHNOLOGY & ENGINEERING	20/01/2025 to 25/01/2025.
5.	Generative AI and Chat GPT Applications in the Industry	Excelr Raising Excellence	27/01/2025 to 31.01.2025

ii. Workshops/ Conference (Organized)

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

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:

11. Special Achievements /Invited Speakers/Jury Member/Faculty Sponsor

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade/ Marks

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