



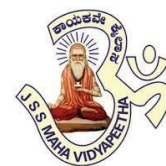
JSS Mahavidyapeetha

JSS Academy of Technical Education

Department of Computer Science & Engineering


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FACULTY PROFILE



Department: Computer Science and Engineering

1. Personal Details

NAME	SAKSHI AGGARWAL	 Photo (jpg format)
DEPARTMENT	Computer Science and Engineering	
DESIGNATION	Assistant Professor	
PHONE	8076328552	
EMAIL ID	sakshi.aggarwal@jssaten.ac.in	
Date of Joining (JSSATEB)	09-08-2023	

2. Experience

Total Experience in Years 1 year	Teaching: 1 year	Industry: NA	Research: NA
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech	Computer Science and Engineering	2016	SIET Allahabad	AKTU

M.Tech.	Software Engineering	2019	Galgotias University	Galgotias University
Ph.D.	Evolutionary Algorithms	Pursuing	MNNIT Allahabad	MNNIT Allahabad
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	<p>S. Aggarwal and K. Mishra, "X-mode: Extended multi-operator differential evolution algorithm," <i>Mathematics and Computers in Simulation</i>, vol. 211, pp. 85–108, 2023. doi:10.1016/j.matcom.2023.01.018</p>	
Papers Published in SCOPUS indexed Journals	<p>S. Aggarwal and K. Mishra, "Multi-operator differential evolution with moea/d for solving multi-objective optimization problems," <i>Journal of Telecommunications and Information Technology</i>, vol. 3, pp. 85–95, 2022. doi:https://doi.org/10.26636/jtit.2022.161822</p> <p>S. Aggarwal and S. Sagar, "An analytical approach for decision-making," <i>JOIV: International Journal on Informatics Visualization</i>, vol. 2, no. 3, pp. 114–117, 2018. doi: http://dx.doi.org/10.30630/joiv.2.3.123</p>	
Papers Published in other Journals	<p>S. Aggarwal and K. Mishra, "Multi-operator variant of differential evolution and its application in classification of covid-19 ct-scan images," <i>Journal of Multi-Valued Logic and Soft Computing</i>, vol. 40.3, pp. 343–370, 2023.</p>	
Papers Presented in Conferences / Symposium	<p>S. Aggarwal, "Analysis of Test Case Prioritization Techniques," in <i>International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD '19)</i>, 2019</p> <p>D. Gaur and S. Aggarwal, "Selection of Software Development Model Using TOPSIS Methodology," in <i>Computing, Power and Communication Technologies (GUCON 2018)</i>, 2018. doi: https://link.springer.com/chapter/10.1007/978-981-13-2254-9_11.</p>	
Books / Book chapters Published	<p>S. Aggarwal, N. Singh, and K. Mishra, <i>Unrolling the COVID-19 Diagnostic Systems Driven by Deep Learning</i>, R. Tanwar, P. Kumar, M. Kumar, and N. Nandal, Eds. <i>Application of Deep Learning Methods in Healthcare, Medical Science</i>, Taylor, and Francis, 2022. doi: https://doi.org/10.1201/9781003303855</p> <p>S. Aggarwal, N. Singh, and K. Mishra, <i>Digital Image Analysis Is a Silver Bullet to COVID-19 Pandemic</i>, K. Raza, Ed. <i>Computational Intelligence Methods in COVID-19: Surveillance, Prevention, Prediction and Diagnosis. Studies in Computational Intelligence</i>, Springer, Singapore, 2021. doi: https://doi.org/10.1007/978-981-15-8534-0_21..</p> <p>S. Aggarwal, N. Singh, and K. Mishra, <i>Hitting the Success Notes of Deep Learning</i>, M. Srinivas, G. Sucharitha, A. Matta, and P. Chatterjee, Eds. <i>Machine Learning Algorithms and Applications</i>, Apple Academic Press, Wiley, 2021. doi: https://doi.org/10.1002/9781119769262.ch5</p>	

	Name of the book:
	Publisher: Year of Publication:

5. Research Guidance

PhD Guide? Give field & University	NA	NA
PhDs / Projects Guided	NA	NA

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

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”	
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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

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	WOS / Scopus	Impact Factor	Publisher

				No. Year			

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date

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

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

10.Membership of Professional Bodies:

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

Name

Designation, Dept of CSE

JSS Academy of Technical Education, Noida