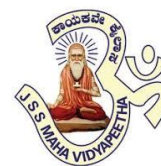# JSS Mahavidyapeetha
JSS Academy of Technical Education
Department of Master of Computer Application

FACULTY PROFILE

1. Personal Details

NAME	**Mr. Pawan Mishra**	
DEPARTMENT	Master of Computer Application	
DESIGNATION	Assistant Professor	
PHONE	+91- 9415987642	
EMAIL ID	pawan.mishra@jssaten.ac.in	
Date of Joining (JSSATEN)	10 August 2023	

2. Experience

Total Experience in Years	Teaching: NA	Industry: 01 Years	Research: 4.5 Years

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
BCA	Computer Application	2016	University of Allahabad	University of Allahabad
MS	Computer Science	2018	University of Allahabad	University of Allahabad
Ph. D.	Soft Computing and AI/ML	2019 -	University of Allahabad	University of Allahabad
Post Doc.	NIL	NIL	NIL	NIL

4. Research & Publications

Papers Published in Web of Science indexed Journals	02	
Papers Published in SCOPUS indexed Journals	01	
Papers Published in other Journals	00	
Papers Presented in Conferences / Symposium SCOPUS indexed	02	
Books / Book chapters Published	1 book chapter	
	• Pawan Mishra, Pooja and Ravi Kamal Pandey, Quantum Computing and its real world, Edition 1st Edition (2023), Imprint CRC Press, Pages 15, eBook ISBN 9781003267812 https://www.taylorfrancis.com/chapters/edit/10.1201/9781003267812-15/quantum-computing-real-world-applications-pawan-mishra-ravi-kamal-pandey-pooja	

5. Research Guidance

PhD Guide? Give field & University	NA	NA
PhDs / Projects Guided	B.Tech/BCA/MS	Projects at Master's Level (MS): 6+ Projects at Bachelor's Level: 10+

6. Awards Received

Awards "Best Paper Award"	**Best Paper Award** "Modeling and Simulation" in 2nd International Conference on Computational Intelligence (ICCI 2021), IIIT-PUNE, INDIA.

7. Publications

i. International Journals

a) Shukla, Shubham and **Mishra, Pawan** et all. Fusion of expression values and protein interaction information using multi-objective optimization for improving gene clustering. IET Communications., volume 00, pages 1–19. John Wiley, 2022 (Published).

b) Pawan Mishra, Pooja, Shashi Prakash Tripathi, Optimizing Constrained Problems using nH-WDEOA: A Hybrid Nature-Inspired Algorithm, International Journal of Information Technology, Springer (2023) (In Press).

c) Pawan Mishra, Pooja, Enhanced Mutation Approach for Differential Evolution Algorithm, In International Journal of Applied and Computational Mathematics, Springer (In Review).

ii. Conferences

Published in Conference Proceedings

a) A. Sinha M. Bhargavi and Pawan Mishra et all. Comparative study of consumer purchasing and decision pattern analysis using pincer search-based data mining method. In 2022 "13th International Conf on Computing Communication and Networking Technologies - ICCCNT-2022, pages 1–7. IEEE, Xplore, 2022.

b) Pawan Mishra, Pooja, and Shubham Shukla. Empirical analysis of novel differential evolution algorithm for molecular potential energy problem. In 2021 "Algorithm for Intelligent Systems", International Conference on Computational Intelligence - ICCI 2021, pages 2524–7573. Springer, 2021.

c) Anurag Sinha, Pawan Mishra, K.K. Upadhyaya., and Hassan Raza Mahmood. Employing unsupervised learning algorithm for stock market analysis and prediction. In Advances in Computing and Future Communication Technologies- ICACFCT 2021, pages 1–2. IEEE, 2021.

Communicated Conference Proceedings

a) **Pawan Mishra, Pooja**, Hybridization of the nature inspired algorithms for economic load dispatch problem: HGWGOA Algorithm, In *MAITRI-2023, International Conference on Machine Intelligence for Research & Innovation, Organizing by NIT-Jalandhar & Srinagar, Punjab*.
b) **Pawan Mishra et. al.**, *Comparative Analysis of Nature Inspired Algorithm for Task Assignment Problem*, TCCE 2023, PSIT Kanpur.
c) **Pawan Mishra et. al.**, *Chronic Kidney Disease Classification using Logistic Regression and Particle Swarm Optimization*, TCCE 2023, PSIT Kanpur.

iii. Workshops /Trainings Attended

Training and Projects
Training's
a) Python Training by GTT Pvt Ltd organized by University of Allahabad (2015), 3 Months Certificate course in JAVA and C++ Programming Language (Pioneer Institute, Prayagraj)
b) Certification courses from Indian Institute of Remote Sensing Outreach Training(IIRS-ISRO)
Projects
a) (2015) "Online Shopping Management"(Mini Project)
b) (2016) "Online School Management System"(Major Project- During Graduations)
c) (2018) "Empirical Analysis of Watermarking techniques"(During Master's Degree)

WORKSHOP/ STC/ FDP's

a) One-week Training program "STUTI on Mathematics for Machine learning" to be held at DST Centre for Interdisciplinary Mathematical Sciences, Institute of Science, Banaras Hindu University, Varanasi-221005, INDIA (Sept-2022).

b) One-week High-End Workshop (KARYASHALA) on "Advanced Statistical and Machine Learning Models" at IIT (BHU), Varanasi (Aug -2022).

c) Five-day workshop on "Advance MATLAB and its Applications (AdMAT-2021)" organized by Indian Institute of Information Technology Kota in collaboration with MathWorks (Feb-2021).

d) "Short Term Course on "Numerical and Optimization Technique (NOT- 2020)" organized by Department of Civil Engineering, Motilal Nehru National Institute of Technology, Prayagraj (Jan-2021).

e) One-week Short Term Training Program on "Academic Writing using LATEX" organized by Applied Mathematics and Humanities Department (AMHD), Sardar Vallabhbhai National Institute of Technology (SVNIT) (Jan-2021).

f) SCRS Lecture Series on Soft Computing on "Complex Real Parameter Optimization – Differential Evolution and Beyond" organized by Soft Computing Research Society, New Delhi (July-2020)

g) Short Term Training Program on "Non -Traditional Algorithm: - Efficacious for Multi- Objective Optimization" Sponsored by AICTE and organized by Department of Mechanical Engineering, Park Collage of Engineering, TN (July-2020).

iv Position of Responsibility

a) Executive member of IEEE Student Branch, University of Allahabad, 2016-2020

b) Organizer, Short term workshop on Evolutionary Algorithm and Optimization, University of Allahabad.

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

Professional Experience
Company: **WNS Global Services**, *Noida*, India.
Job Profile : **Program Analyst**, *(June 2022 - Feb 2023)*.
Projects : **1. R to Python Code App Replication, 2. News Recommendation Engine,**
    3. Consumer Behaviour Analysis on Medical Products, 4. Work with Python API.