

FORMAT

1.Name: Dr.Shashwati Mishra



2.Qualification: M.C.A., M.Tech, PhD

3.Designation:Assistant Professor

4.Email Id: shashwati.mishra@bjbcollege.in

5.Area of interest: Data Mining, Artificial Intelligence, Machine Learning, Image Processing

6. Area of research: Data Mining, Artificial Intelligence, Machine Learning, Image Processing

7.Teaching Area:

- UG : C Programming, Data Structure, Operating System, Java Programming, Web Technologies, Design and Analysis of Algorithms, Artificial Intelligence
- PG: Data Mining, Computer Graphics

8.Total No. of Teaching Experience:

- UG: 12 years
- PG: 2 years 10 Months

9. Research Supervision

- Completed (M.Phil./Ph.D./D.Sc./D.Litt.)

Srl. No.	Name of the Student	Degree	University	Title of the Thesis	Date of Registration	Date of Submission	Date of Award of Degree

- Ongoing (M.Phil./Ph.D./D.Sc./D.Litt.)

Srl No.	Name of the Student	Degree	University	Title of the Thesis	Date of Registration

10. Publication Profile

a) Research Articles Published:

1. Mishra, S., & Panda, M. (2018). Bat algorithm for multilevel colour image segmentation using entropy-based thresholding. *Arabian Journal for Science and Engineering*, 43, 7285-7314.
2. Mishra, S., & Panda, M. (2018). Medical image retrieval using self-organising map on texture features. *Future Computing and Informatics Journal*, 3 (2): 359-370.
3. Mishra, S., & Panda, M. (2017). A histogram-based classification of image database using scale invariant features. *International Journal of Image, Graphics and Signal Processing*, 9(6), 55.
4. Mishra, S., & Panda, M. (2021). Medical Image Thresholding Using Genetic Algorithm and Fuzzy Membership Functions: A Comparative Study. In *Research Anthology on Multi-Industry Uses of Genetic Programming and Algorithms* (pp. 896-916). IGI Global.
5. Mishra, S., & Panda, M. (2020). Hybrid Approach of Medical Image Classification Using SparsityRegulatization and BAT Algorithm. *INFOCOMP Journal of Computer Science*, 19(1).

b) Books Chapters Published:

1. Mishra, S., & Panda, M. (2019). Artificial intelligence in medical science. In *Intelligent Systems for Healthcare Management and Delivery* (pp. 306-330). IGI Global.
2. Mishra, S., & Panda, M. (2021). Applications of Feature Engineering Techniques for Text Data. In *Handbook of Research on Automated Feature Engineering and Advanced Applications in Data Science* (pp. 182-194). IGI Global.

c) Books Published:

d) Articles Published in Newspapers/Magazines:

11. Research Projects

Name	Department	Type (major/minor)	Name of the funding agency	Funds provided (inRs. in lakhs)	Title of the project	Month and year of receiving grant	Duration of the project	Completed/on going(Date of Completion/expecting completion)

11. Paper presented in Conferences/Seminars

1. Mishra, S., & Panda, M. (2018). Histogram of oriented gradients-based digit classification using naive Bayesian classifier. In *Progress in Computing, Analytics and Networking: Proceedings of ICCAN 2017* (pp. 285-294). Springer Singapore.

2. Mishra, S., & Panda, M. (2021). Image Retrieval Using Bat Optimization and Image Entropy. In *Innovations in Bio-Inspired Computing and Applications: Proceedings of the 10th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2019) held in Gunupur, Odisha, India during December 16-18, 2019 10* (pp. 10-18). Springer International Publishing.

12. Invited Lectures/Special Lectures/Resource persons or presentation at Conferences/Workshops

13. Awards and Distinctions

14. Association with Professional Bodies