



Sushri Samita Rout, Ph.D.

Designation : Associate Professor

Department : Department of Computer Sciences and Engineering
(JOINED THE INSTITUTE IN YEAR 2005)

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RESEARCH INTERESTS

- ✓ Computational Intelligence in HRM
- ✓ Use of PSO for competency mapping
- ✓ Fuzzy Techniques in compensation management

Academic Qualifications

- Ph. D. (Systems), KIIT University, India
- PGDM (Systems), KIIT University, India
- B.Tech.(EIE), NIST, Berhampur University

Teaching Experience/Industrial Experience/Research Experience

- ✓ 19+ years

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

- [1]. Rout, S.S., Misra, B.B., & Samanta, S. (2012, October). Competency mapping in academic environment: A multi objective approach. In Information and Communication Technologies (WICT), 2012 World Congress on (pp. 543-548). IEEE.
- [2]. Rout, S.S., Misra, B.B., Samanta, S. Load Allocation in Academic Environment: A Multi Objective PSO Approach. Journal on Computing (JoC), 3(4),(2014).
- [3]. Rout, S.S. Education to Employment: A critical model to bridge the gap. Parikalpana, KIIT Journal of Management, Vol 11(1) , pp.99-112,2015.

- [4]. Rout, S.S., Misra, B.B., Samanta, S. Hybrid Research: A methodological paradigm for Interdisciplinary research. *European Journal of Academic Essays*, Special Issue (1): 5-8, 2014
- [5]. Rout, S.S., Misra B.B, Samanta, S. Computational approaches to competency mapping: A review of literature. *Online International Interdisciplinary Research Journal*, Special Issue (5): 72-84, 2015.
- [6]. Rout, Sushri Samita, Bijan Bihari Misra, and Sasmita Samanta. "Competency mapping with Sugeno fuzzy inference system for variable pay determination: A case study." *Ain Shams Engineering Journal* (2017)

ANY OTHER

Book Chapter

- [1] Rout, Sushri Samita, and Bijan Bihari Misra. "Competency Mapping in Academic Environment: A Swarm Intelligence Approach." In *Handbook of Research on Modeling, Analysis, and Application of Nature-Inspired Metaheuristic Algorithms*, pp. 244-263. IGI Global, 2018.