Ramakrushna Swain, Ph.D.

Designation : Associate Professor

Department : Department of Computer Science and Engineering

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RESEARCH INTERESTS
- ✓ Artificial Intelligence
- ✓ Cognitive Science& Metacognition
- ✓ Data Structure &Algorithm Analysis
- ✓ Data Analytics
- ✓ Simulation Modeling

Academic Qualifications
Ph. D. (Computer Science), Utkal University, India

M.Tech. (Computer Science), Utkal University, India

Teaching Experience/Industrial Experience/Research Experience
- ✓ More than 20 Years

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

[1]. RamakrushnaSwain, N.K. Kamila, "Metacognition in Complex Agent", American Journal of Intelligent Systems. Vol.3(2), 2013, p-ISSN: 2165-8978, e-ISSN: 2165-8994.

[2]. R.K.Swain, N.K.Kamila and B.B. Misra, "Recognition of the state of mind using Hamming Swarm Net", in World Congress on Information and Communication Technology,Trivandrum. IEEE Xplore Publications Page(s):903- 908, ISBN: 978-1-4673-4806-5.

[3]. N.K.Kamila and R.K.Swain "Role Based Architecture For Complex Agent", American Journal of Intelligent Systems. Vol.3(1), 2013, p-ISSN: 2165-8978, e-ISSN: 2165-8994.

[4]. R. K. Swain, N. K. Kamila and B. B. Misra, "Swarm Intelligence to estimate Human Foresee-ability", (ICCCA-2012; IEEE Xplore Publications.pp: 1-6, Print ISBN: 978-1-4673-0270-8.

[5]. R.K.Swain, L.D. Jena and N.K.Kamila, "Cognitive States from Brain Images : SVM Approach", Int. Journal of Computer and Communication Technology; Vol 2(2), 2010; Pages 194-199; ISSN : 0975-7449.

[6]. R.K.Swain and N.K.Kamila,"Metacognition Revealed Computationally", Int. Journal of Instrumentation, Control and Autamation (IJICA), ISSN : 2231-1890, Vol-I(3),2013;pp- 125-130.

[7]. R. K. Swain, N. K. Kamila and B.B. Misra "Visualization of Human Foresee-ability: An analytical study" in Int. Journal of Computer Science & Informatics, Vol.2 (3),2012; pp 19-26, ISSN : 2231-5292.

[8]. R.K.Swain, L.D. Jena, T. K. Das and N.K.Kamila, "Ontological Commitments and Codification of Right Thinking in Intelligent Systems", Proceedings of Second International Joint Coference on Information & Communication Technology ; Page 156-161, [IJcICT-2011], Year-2011.

[9]. R.K.Swain, P. K.Mohanty and N.K.Kamila, "Meta-cognition using classifier system ; A step approaching Intelligent agents", Int. Journal of Computer and Communication Technology; Vol 1(2),2010;pp 3844, ISSN : 0975-7449.

[10]. B. K. Sahoo and R.K. Swain "An Efficient Method of Feature Selection for Classification Using Microarray Data" in Int. Journal of Computer Science & Informatics, Vol. 2 (3)2012; pp 67-72, ISSN : 2231-5292.

[11]. H. Rout, N. Dash, N.K. Kamila and R.K. Swain "Highly Secured Cryptographic System for Strings Using Chaotic Neural Network" in Int. Journal of Computer Science & Informatics, Vol. 2(3)2012; pp 55-59, ISSN : 2231-5292.

[12]. P. Panigrahi, L.D. Jena and R.K. Swain "Efficient Embedded Text Extraction for Image and Video Retrieval" in Int. Journal of Computer Science & Informatics, Vol.2 (3)2012; pp 41-47,ISSN : 22315292.

[13]. L.D. Jena, N.K.Kamila, R.K.Swain and T.K.Das, "Secure Privacy Preserving Association Rule Data Mining : A cryptographic approach", Int. Journal of Computer Applications (IJCA),Vol.2(1)2011; ISSN-22501797.

[14]. L.D. Jena, R.K.Swain and N.K.Kamila, "Web Image Mining for Image Recognition and Classification", Int. Journal of Computer Engineering and Computer Applications (IJCECA) Vol.6(1)2011; pp 34-41, ISSN 0974-4983.

[15]. L.D. Jena and R.K.Swain, "Study on Privacy Preserving Association Rule Mining Algorithms", Int. Journal of Internet Computing (IJIC) Vol. 1 (1)2011; pp 1-8, ISSN 2231-6965.

[16]. L.D. Jena and R.K.Swain, "A Comparative Study on Privacy Preserving Association Rule Mining Algorithms", Proceedings of Int. Conference on Artificial Intelligence and Soft Computing (ICAISC), pp 332-339, Year-2011.

[17]. L.D. Jena, R.K.Swain and N.K.Kamila, "Semantic Learning and Web Mining for Image Mining with Image recognition and Classification", Int. Journal of Computer and Communication Technology; Vol 2(2),2010; pp 214-218; ISSN : 0975-7449.

Book Chapter
Conferences attended

[1]. Ramakrushna Swain, "Machine Consciousness", in "Recent Advances and Future Trends in Information & Communication Technology" published by India-Tech Publishing Company Pvt. Ltd., New Delhi;2008; pp 261 – 270.

[2]. R.K.Swain, T.K. Das and L.D. Jena, "Meta-cognition- The key to Machine Intelligence for an Effective Intelligent System", in the National Conference Trends in Machine Intelligence-2011 and published as a book chapter in "MACHINE INTELLIGENCE: Recent Advances" published by Narosa Publishing House; pp 193-200.