International Conference On

Computational Intelligence in Data Mining

(ICCIDM-2k14)

[www.iccidm.in]

[20th – 21st Dec 2014]

[Organized by Dept. of Comp.Sc & Engg., Information Technology & MCA, VSSUT, Burla, Odisha, India]

About the Conference

International Conference on **Computational Intelligence in Data mining (ICCIDM – 2014)** provides an international forum for presentation of original research findings, as well as exchange and dissemination of innovative, practical development experiences in different fields of engineering. The conference draws researchers and application developers from a wide range of data mining and computational Intelligence related areas along with their algorithms and applications of current issues of almost all branches of Engineering and Technology. By promoting novel, high quality research findings, and innovative solutions to challenging data mining problems, the conference seeks to continuously advance the state-of-the-art in data mining as well as the other promising areas of computing .Original, unpublished research papers from all viewpoints, including theory, practice, experimentation, and review papers highlighting specific research domains for presentation in the technical sessions of the conference are invited from researchers, academicians and professionals throughout the globe.

VSSUT at a Glance

Veer Surendra Sai University of Technology (VSSUT), formerly University College of Engineering Burla, established in 1956, being the premier Government institute of the state of Odisha, is well known for its research potential and faculty eminence. VSSUT has carved a niche for itself among the best technical institutes in the country having 20,000 graduates and 3,000 post graduate engineers serving in reputed organizations around the globe as its alumni. This State Government University is recognized by University Grants Commission (UGC), New Delhi and NBA accredited .The vision is to emerge as an Internationally acclaimed Technical University to impart futuristic technical education and

creation of vibrant research enterprise to create quality engineers and researchers, truly world class leader and unleash technological innovations to serve the global society and improve the quality of life.

Department of Computer Sc. & Engg. /Information Technology/MCA

The Department of Computer Science and Engineering, VSSUT, was established in 1994. Since its inception, the Department is able to establish the reputation for imparting quality education and research at undergraduate, post graduate and Ph.D. programmes. The Department has well equipped modern laboratories such as Data Communication, Image Processing & Cluster Computing and Soft Computing Laboratory for pursuing research keeping pace with the technological advancement. The Department encourages research in the areas like: Parallel Processing, Sensor Network etc., Data Mining & Soft Computing, Distributed Systems, Time Series Forecasting and Algorithms etc. The B.Tech & M.Tech courses of Information Technology were started in 2003-2004 and currently running under Comp. Sc & Engg. The Department of MCA was started in 1993 and currently offers Postgraduate Degree in Computer Application (MCA). In the growing digital phenomenon all over the world, the MCA program aims at imparting comprehensive knowledge with equal emphasis on theory and practice.

Call For Paper

Original High quality papers in all the following topic of interest (but are not limited) are solicited. The papers exploring new directions will receive especially careful and supportive reviews.

1. Methods , Algorithms , Models in Data mining & Machine learning : Classification , Clustering, Frequent Pattern Mining, Graphical Models, Spatial & Temporal Mining, Abnormality & Outlier Detection, Selection and Dimension Reduction, Mining with Constraints, Data Cleaning & Preprocessing, Computational Learning Theory, Novel Data Mining Algorithms, Big Data, Mining with Data Clouds, Mining Semi Structured Data, Mining Complex Datasets, Mining on Emerging Architectures, Text & Web Mining, Optimization Methods, Time Series and Sequential Pattern Mining, Visual data mining, Statistical foundations for robust and scalable data mining, Distributed data mining, Mining multi-agent data, Association rules, Audio Mining, Case-based reasoning and learning, Inductive learning including decision tree and rule induction learning, Statistical learning, Bayesian Models and Methods, Content-Based Image Retrieval, High performance and Parallel/distributed data mining, Social impact of data mining, Image Processing and Segmentation, Hybrid Intelligent System Algorithms, Symbolic Machine Learning.

2.Advance Computing : Machine Intelligence, Ubiquitous Computing, Agent Based Systems, Green Computing, Pattern Recognition, Bioinformatics & Scientific Computing, Embedded Computing, Pervasive Computing, Cluster Computing , Digital Image Computing, Evolutionary Computing, Fuzzy Computing, Approximate Algorithms, Bioinspired Optimization, Web Mining, Perceptual Computing, Image Segmentation, Mimetic Computing, Computer Vision & Image Processing, Emotional Computing, Rough Sets Theory, Autonomous Computing, Swarm Intelligence, Soft computing (including neural networks, fuzzy logic, evolutionary computation) and Uncertainty management for data mining.

3.Applications : Knowledge Management & Discovery, Natural Language Processing, Cognitive Science, Internet Computing, Cybernetics Technology, Nanotechnology, Climate/Environmental Science, Drug Discovery, Healthcare Management, Automation & Process Control, Logistics Management, Computational finance, Intrusion & Fraud detection, Software Engineering, Bio-surveillance, Sensor Network Applications, Intelligence Analysis, Body Area Network, Remote Sensing & GIS Application, Steganography & Authentication, Data Privacy Preserving Techniques, Data mining in Electronic Commerce, Data Integration & Exchange, Configuration Design , Vision Based Applications, Civil and hydraulic engineering, Robotics, Structure Optimization, Damage Detection, Crop Planning, Water resources, Intelligent Control, Geomechanics, Vibrations, Material Modelling, Transportation Engineering, Health monitoring, Infrastructure Performance prediction, Structural Design and Diagnostics, Smart Materials, VLSI.

Important Dates

Full Paper Submission Open : **10th April 2014**

Full Paper Submission Deadline : **25th July2014 (New)**

Acceptance Notification : **25th August 2014**

Final Camera Ready Paper : **05th September 2014**

Registration : **05th - 10th September 2014**

Submission Details

The Original unpublished Research Papers, Articles & Working papers on the topics related to the theme are invited for presentation/publication in the conference proceedings. Full papers in strict **Springer LNCS** format within 8 pages must be submitted online at **www.iccidm.in** or through E-mail to iccidm2014@gmail.com. The selected papers on the basis of technical quality, originality, significance, and clarity after triple blind peer review process shall be considered for publication in the conference proceedings. The conference proceedings will be published in the Springer's Series on **"Smart Innovation, Systems and Technologies "Germany** (Scopus Indexed). ISSN: 2190-3018 (http://www.springer.com/series/8767) . Some extended versions of the high quality presented papers in ICCIDM-2014 will also published by *International Journal of Data Science(IJDS), INDERSCIENCE and International Journal of Intelligent Systems Design and Computing (IJISDC), INDERSCIENCE.*

Registration

To ensure publication of a paper in the Proceedings, at least one author has to register by submitting a normal registration fee within deadline as indicated below. The over-length charge(more than 8 pages) is Rs. 800 (for Indian authors) or $15 (for foreign authors) per extra page for a maximum of two extra pages. For further details about the registration process please go through the conference website www.iccidm.in.

Research Scholar(JRF & SRF)/ Students	INR 6000.00
Academicians	INR 8000.00
Industry Experts	INR 10000.00
Co-author/Listeners	INR 3000.00
Foreign Participants	USD 350 or EURO 200

Note: The registration fee includes participation in the conference, publication in proceedings, Breakfast, Lunch for 2 days, Conference kit etc.

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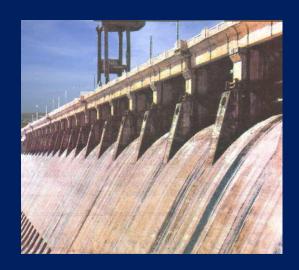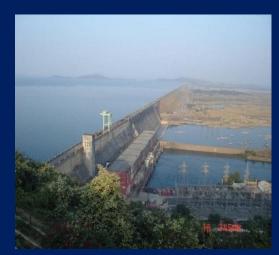|	
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