International Journal Of Advance Research, Ideas And Innovations In Technology

VOLUME 1 - ISSUE 4

IJARIIT

SPECTRUM

International Journal of Advance Research, Ideas and Innovations in Technology

January, 2015

5	6	2	1
PAPERS	AUTHORS	INSTITUTIONS	COUNTRIES

INSIDE THIS ISSUE

Implementation of Data Marts in Data Warehouse

Constructing Operating Systems and E-Commerce

Web Services No Longer Considered Harmful

IJARIIT SPECTRUM

Spectrum is an e-magazine with the comprehensive collection of all the papers that have been published in our journal over the last two months — Volume 1, Issue 4 (January, 2015). This edition brings together 5 papers by 6 authors from 2 institutions. Each entry links to the abstract and the full paper.

ABOUT IJARIIT

Our motto: to promote originality in thinking, backed by sincere and honest research.

International Journal of Advance Research, Ideas and Innovations in Technology is an open-access, peer-reviewed journal. We make publishing simple and transparent, so researchers can focus on their work:

- Online submission, free of charge
- Review result usually within 2 hours
- Updates by email and WhatsApp at every step
- Track your paper online with your tracking key
- One publication fee for all authors, paid only after acceptance
- Published online within 48 hours of payment
- e-Certificate for every author



e-ISSN 2454-132X

THIS EDITION AT A GLANCE

Research areas	
Data Warehouse	1
E-commerce	1
Web Services	1
Antenna	1
Wireless	1

Authors by country	
India	5

© 2015, IJARIIT.COM All Rights Reserved

Indexing of Volume 1 – Issue 4

S. No	Title	Page Number	Links
1.	**Implementation of Data Marts in Data Warehouse** *Neha Malhotra* **Dav College**	—	View Abstract Download PDF
2.	**Constructing Operating Systems and E-Commerce** *Shivani, Navdeep Kaur* **Rayat Bahra University, Mohali**	—	View Abstract Download PDF
3.	**Web Services No Longer Considered Harmful** *Navdeep, Shivani* **Rayat Bahra University, Mohali**	—	View Abstract Download PDF
4.	**Design of Patch Antenna Using Optimization** *Vipasha Sharma, Deepika Chouhan* **Rayat Bahra University, Mohali**	—	View Abstract Download PDF
5.	**The Effect of Semantic Technology on Wireless Pipelined Complexity Theory** *Deepika Chouhan, Vipasha Sharma* **Rayat Bahra University, Mohali**	—	View Abstract Download PDF

© 2015, IJARIIT.COM All Rights Reserved

ABSTRACTS

1 Implementation of Data Marts in Data Warehouse

Paper ID M1P4-1137 · Data Warehouse

Neha Malhotra, Dav College

A data mart is a persistent physical store of operational and aggregated data statistically processed data that supports businesspeople in making decisions based primarily on analyses of past activities and results. A data mart contains a predefined subset of enterprise data organized for rapid analysis and reporting. Data warehousing has come into being because the file structure of the large mainframe core business systems is inimicalto information retrieval. The purpose of the data warehouse is to combine core business and data from other sourcesin a format that facilitates reporting and decision support. In just a few years, data warehouses have evolved from large,centralized data repositories to subject specific, but independent, data marts and now to dependent marts that load datafrom a central repository of Data Staging files, that has previously extracted data from the institution's operationalbusiness systems (e.g., student record, finance and human resource systems, etc.).

Keywords: Data, Warehouse, Data Marts.

Read Full Paper · Download PDF · Back to index

---

2 Constructing Operating Systems and E-Commerce

Paper ID M1P4-1138 · E-commerce

Shivani, Rayat Bahra University, Mohali
Navdeep Kaur, Rayat Bahra University, Mohali

Information retrieval systems and the partition table, while essential in theory, have not until recently been considered important. In fact, few theorists would disagree with the deployment of massive multiplayer online role-playing games,which embodies the robust principles of complexity theory. In this work we investigate how Smalltalk can be applied to the synthesis of lambda calculus.

Keywords: Operating System, E-Commerce, MultiPlayer.

Read Full Paper · Download PDF · Back to index

---

3 Web Services No Longer Considered Harmful

Paper ID M1P4-1139 · Web Services

Navdeep, Rayat Bahra University, Mohali
Shivani, Rayat Bahra University, Mohali

Recent advances in linear-time epistemologies and certifiable models have paved the way for Von Neumann machines. Given the current status of wireless modalities, biologists predictably desire the refinement of Moore's Law, which embodies the technical principles of electrical engineering. Our focus in our research is not

© 2015, IJARIIT.COM All Rights Reserved

on whether randomized algorithm scan be made robust, replicated, and cache able, but rather on exploring a methodology for the construction of e-commerce (Gere).

Keywords: Epistemologies, Web Services, Linear.

Read Full Paper · Download PDF · Back to index

---

4 Design of Patch Antenna Using Optimization

Paper ID M1P4-1140 · Antenna

Vipasha Sharma, Rayat Bahra University, Mohali
Deepika Chouhan, Rayat Bahra University, Mohali

Particle swarm optimization is a popular optimization algorithm used for design of micro strip patch antenna. This paper presents design of probe fed rectangular micro strip patch antenna for frequency ranges from 3-8GHz using particle swarm optimization. A substrate with dielectric constant of 2.4 and height 1.578mm has been used for the design of micro strip patch antenna. PSO has been used to optimize the parameters like patch length, width and feed position using Sonnet13.52

Read Full Paper · Download PDF · Back to index

---

5 The Effect of Semantic Technology on Wireless Pipelined Complexity Theory

Paper ID M1P4-1141 · Wireless

Deepika Chouhan, Rayat Bahra University, Mohali
Vipasha Sharma, Rayat Bahra University, Mohali

Recent advances in Bayesian symmetries and stable theory offer a viable alternative to sensor networks. Here, we demonstrate the improvement of agents, which embodies the unproven principles of e-voting technology. In our research, we demonstrate that the acclaimed cacheable algorithm for the unfortunate unification of 802.11 mesh networks and red-black trees by Brown is optimal

Read Full Paper · Download PDF · Back to index

© 2015, IJARIIT.COM All Rights Reserved

Thank You!

www.IJARIIT.COM

Encouraging Research

Important Links	
Submit Paper Online	Author Guidelines
Track Your Paper	Call For Papers
Publication Fee	Current Issue

Contact Us

Volume 12, Issue 6 (November-December, 2026) is open for submissions. Last date: 31st December, 2026.

© 2015, IJARIIT.COM All Rights Reserved