## Proceedings

## Vol. II



## **KNOWLEDGE MANAGEMENT** International Conference 2008

Transferring, Managing and Maintaining Knowledge for Nation Capacity Development

> 10-12 June 2008 Langkawi, Malaysia







**KM**TALK





Organized by: College of Arts and Sciences, Universiti Utara Malaysia

The Commercialization Of Knowledge Management Practices Among Public-Listed Organizations to K-Based Development In Malaysia Raja Suzana Raja Kasim, Malaysia	1
An Efficient Parallel IP Lookup Technique for IPV6 Routers Using Multiple Hashing With Ternary Marker Storage With Cellular Automata and Control Prefix Expansion P. Kiran Sree Dr.I. Ramesh Babu N.S.S.S.N Usha Devi, India	9
IT Approach to Sustainable Architecture Wanita Subadra Abioso, Indonesia	15
Data Mining and Warehousing Approaches on School Smart System: A Conceptual Framework Janson Luke Ong Wai Kit, Malaysia	20
<b>BSRCA: Biological Sequence Analysis Approach to Robotic Soccer With Cellular</b> <b>Automata Classifier</b> <i>P. Kiran Sree Dr.I .Ramesh Babu N.S.S.S.N Usha Devi, India</i>	25
Texture-Based Image Search of Fashion Designs Khor Siak Wang, Fatimah Ahmad, Malaysia	35
Industrial Application Tools and Techniques in Lean Manufacturing and Total Quality Management Wan Hasrulnizzam Wan Mahmood, Malaysia	38
Power-Aware Hybrid Intrusion Detection System Using Support Vector Machine in Wireless Ad Hoc Networks P. Kiran Sree Dr.I.Ramesh Babu N.S.S.S.N Usha Devi, India	43
Effect of Empowerment: Front-Line Employees in the Hotel Industry Kartinah Ayupp and Then Hsiao Chung, Malaysia	48
An Analysis of Consumers' Attitudes and Behaviors Towards Pirated Products Kartinah Ayupp and Roseniza Ismail, Malaysia	53
Enhancement of an Effective Training in Manufacturing Company Wan Hasrulnizzam Wan Mahmood, Effendi Mohamad and Abd Rahman Abdullah, Malaysia	61
ARPOS: Internet Mapping Technique for Web-Based Remote Supervision of Artificial Reefs Positioning Mustafa Man, Md Yazid Mohd Saman, Maizura M. Noor, Khalid Samo and W. Aezwani W.A.Bakar, Malaysia	64
KM Practices in Academic Libraries of Malaysia: A Conceptual Framework Rhasiah Zakaria, Malaysia	69
Determining a Theoretical and an Empirical-Based Interactive Multimedia Arabic Language Courseware to Teach Arabic as a Foreign Language: Malaysian Experience Qais Farvadi.Zainab and Hamidah, Malaysia	75

**TABLE OF CONTENTS**