IGCES 2008

e-proceeding

ISSN 1823-3287
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<tr>
<td>8.00 am</td>
<td>Registration</td>
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<tr>
<td>9.30 am</td>
<td>Welcoming Speech by Chairman of the Organizing Committee of IGCES2008</td>
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<tr>
<td>9.45 am</td>
<td>Keynote Address by Prof. Dato’ Ir. Dr. Zaini bin Ujang</td>
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<td>Vice-Chancellor of Universiti Teknologi Malaysia (UTM) Malaysia</td>
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<tr>
<td></td>
<td>Theme: Innovative Technology Development Toward Better Life in Research University</td>
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<tr>
<td>10.15 am</td>
<td>Opening of the Conference by Vice-Chancellor of UTM</td>
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<td>11.00 am</td>
<td>Tea Break</td>
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<tr>
<td>11.00 am</td>
<td>Plenary Session</td>
<td>Session Chair: Prof. Dr. Rose Alinda Alias</td>
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<tr>
<td>11.00 am</td>
<td>Plenary paper I by Prof. Dr. Ir. I Nyoman Sutantra</td>
<td>Head of Research Centre of Institut Teknologi Sepuluh Nopember (ITS) Surabaya - Indonesia</td>
<td>Theme: Developing Technology toward Better Human Life</td>
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<tr>
<td>12.00 pm</td>
<td>Lunch Break</td>
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<tr>
<td>1.30 pm</td>
<td>Paper Presentation - Parallel Session 1</td>
<td>ROOM 1: Theater Hall 7 (Dewan Kuliah) 7of N24</td>
<td>Subjects: Energy, Electrical and Communication</td>
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<td></td>
<td>ROOM 2: Theater Hall (Dewan Kuliah) 8 of N24</td>
<td>Subjects: Mechanical Engineering</td>
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<td>ROOM 3: Theater Hall (Dewan Kuliah) 9 of N24</td>
<td>Subjects: Computing and Information Technology</td>
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<td></td>
<td>ROOM 4: Lecture Room (Bilik Kuliah) 1of N24</td>
<td>Subjects: Civil Engineering and Architecture</td>
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<td></td>
<td>ROOM 5: Lecture Room (Bilik Kuliah) 2 of N24</td>
<td>Subjects: Fundamental Science, Chemical engineering, &amp; Petroleum Engineering</td>
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<td>ROOM 6: Lecture Room (Bilik Kuliah) 3 of N24</td>
<td>Subjects: Biomedical and bio-technology</td>
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<tr>
<td>3.30 pm</td>
<td>Tea Break (POSTER SESSION)</td>
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<tr>
<td>4.00 pm</td>
<td>Paper Presentation - Parallel Session 2</td>
<td>ROOM 1: Theater Hall 7 (Dewan Kuliah) 7of N24</td>
<td>Subjects: Energy, Electrical and Communication</td>
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<td>ROOM 2: Theater Hall (Dewan Kuliah) 8 of N24</td>
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<td>ROOM 3: Theater Hall (Dewan Kuliah) 9 of N24</td>
<td>Subjects: Computing and Information Technology</td>
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<td>ROOM 4: Lecture Room (Bilik Kuliah) 1of N24</td>
<td>Subjects: Civil Engineering and Architecture</td>
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<td>ROOM 5: Lecture Room (Bilik Kuliah) 2 of N24</td>
<td>Subjects: Fundamental Science, Chemical engineering, &amp; Petroleum Engineering</td>
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<td>ROOM 6: Lecture Room (Bilik Kuliah) 3 of N24</td>
<td>Subjects: Computing and Information Technology</td>
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<td>5.45 pm</td>
<td>End of day 1 programme.</td>
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<tr>
<td>7.15 pm</td>
<td>Welcoming party:</td>
<td>Participants to be ready at Senate Building foyer (near Masjid Sultan Ismail, UTM)</td>
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<tr>
<td>7.30 pm</td>
<td>All participants go to DANGA BAY by bus (provided by Committee)</td>
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<tr>
<td>8.30 pm</td>
<td>Dinner Party in Asiana Restaurant - DANGA BAY</td>
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Note: For details of papers to be presented (Title, Name of the Author(s)/ Presenter) please see the Presentation Schedule
Wednesday - 24 December 2008, venue Theater Hall and Lecture Room, N24 Building of UTM

**08.30 am**
PAPER PRESENTATION - PARALLEL SESSION 3

**ROOM 1**  Venue: Theater Hall 7 (Dewan Kuliah) 7 of N24  
**Subjects:** Energy, Electrical and Communication

**ROOM 2**  Venue: Theater Hall (Dewan Kuliah) 8 of N24  
**Subjects:** Mechanical Engineering

**ROOM 3**  Venue: Theater Hall (Dewan Kuliah) 9 of N24  
**Subjects:** Computing and Information Technology

**ROOM 4**  Venue: Lecture Room (Bilik Kuliah) 1 of N24  
**Subjects:** Civil Engineering and Architecture

**ROOM 5**  Venue: Lecture Room (Bilik Kuliah) 2 of N24  
**Subjects:** Chemical engineering, Petroleum, Applied Science and Nanotechnology

**ROOM 6**  Venue: Lecture Room (Bilik Kuliah) 3 of N24  
**Subjects:** IT, Business, Management, and Education Technology

**10.30 am**  
Tea Break (POSTER SESSION)

**11.00 am**
PAPER PRESENTATION - PARALLEL SESSION 4

**ROOM 1**  Venue: Theater Hall (Dewan Kuliah) 7 of N24  
**Subjects:** Energy, Electrical and Communication

**ROOM 2**  Venue: Theater Hall (Dewan Kuliah) 8 of N24  
**Subjects:** Mechanical Engineering

**ROOM 3**  Venue: Theater Hall (Dewan Kuliah) 9 of N24  
**Subjects:** Computing and Information Technology

**ROOM 4**  Venue: Lecture Room (Bilik Kuliah) 1 of N24  
**Subjects:** Civil Engineering and Architecture

**ROOM 5**  Venue: Lecture Room (Bilik Kuliah) 2 of N24  
**Subjects:** Chemical engineering, Petroleum, Applied Science and Nanotechnology

**ROOM 6**  Venue: Lecture Room (Bilik Kuliah) 3 of N24  
**Subjects:** IT, Business, Management, and Education Technology

**12.45 pm**  
Lunch Break

**1.45 pm**
PAPER PRESENTATION - PARALLEL SESSION 5

**ROOM 1**  Venue: Theater Hall 7 (Dewan Kuliah) 7 of N24  
**Subjects:** Energy, Electrical and Communication

**ROOM 2**  Venue: Theater Hall (Dewan Kuliah) 8 of N24  
**Subjects:** Mechanical Engineering

**ROOM 3**  Venue: Theater Hall (Dewan Kuliah) 9 of N24  
**Subjects:** Computing and Information Technology

**ROOM 4**  Venue: Lecture Room (Bilik Kuliah) 1 of N24  
**Subjects:** Civil Engineering and Architecture

**ROOM 5**  Venue: Lecture Room (Bilik Kuliah) 2 of N24  
**Subjects:** Chemical engineering, Petroleum, Applied Science and Nanotechnology

**ROOM 6**  Venue: Lecture Room (Bilik Kuliah) 3 of N24  
**Subjects:** IT, Business, Management, and Education Technology

There are no more papers to be presented in room 6

**3.45 pm**  
Closing Ceremony

**4.15 pm**  
Tea Break and Certificate for Presenter and Participant Taking Over

**5.00 pm**  
End of 2nd day programme and end of IGCES2008.

Note: For detail papers to be presented (Title, Name of the Author(s), and Presenter see the Presentation Schedule
LIST OF PAPERS

A. Energy

A.1 EXTRACTION OF FUEL FROM MUNICIPALITY SOLID WASTES

A.2 Feasibility study of hybrid Wheel Desiccant Dehumidification Cooling Systems in Malaysia
Author: 1. Salman Khosravi 2. T.M.indrea Mahlia 3. Y.H Yau

A.3 Performance Evaluation of Air Mixed and Displacement Ventilation System for Office Room
Author: 1. Bambang Iskandriawan

A.4 Marine Current Energy Extraction System Using a Fuzzy Logic Controlled Buck-Boost DC-DC Converter

A.5 A map of wind and solar resources for the Nangroe Aceh Darussalam province - Indonesia: A perspective of a preliminary modeling of hybrid renewable energy system for urban water supply (HRESUWS)

A.6 A further development of implementation program of hybrid renewable energy system for urban water supply (HRESUWS) in Indonesia: A designing of long term research program
Author: 1. Ahmad Taufik 2. Barony Herdiarto

A.7 INVESTIGATION OF EFFECT GAP RATIO IN SAVONIUS TURBINE FOR VERTICAL AXIS MARINE CURRENT TURBINE (VAMCT) USING CFD PROGRAM
Author: 1. DEDY TRIAWAN SUPRAYOGI

Author: 1. Emishaw Dandena Iffa 2. A.Rashid A Aziz

A.9 Production of Biodiesel from Jatropha Oil (Jatropha Curcas) in Pilot Plant
Author: 1. Tint Tint Kywe 2. Prof Mya Mya Oo

B. Mechanical Engineering

B.1 CIP- LBM SCHEME FOR THE SIMULATION OF NATURAL CONVECTION IN ENCLOSURE WITH LOCALIZED HEATING
Author: 1. MOHD ROSDZIMIN ABDUL RAHMAN 2. NOR AZWADI CHE SIDIK

B.2 STUDY OF FLOW PATTERN AROUND TWO CYLINDERS IN TANDEM ARRANGEMENT
Author: 1. Mohd Rody Mohamad Zin 2. Nor Izwadi Che Sidik

B.3 Kinetics of CO2 Corrosion with Acetic Acid in Turbulent Flow Conditions
Author: 1. Martin Fatah 2. Mokhtar Ismail

B.4 Concept Modeler: A Computer Aided Conceptual Design Tool
Author: 1. Dereje Engida Woldemichael 2. Fakhruldin Mohd Hashim

B.5 Recognizing intersecting volumetric features from a design-by-feature solid model
Author: 1. Mohammad Hayasi

B.6 Analysis of Product Disassemblability using the Disassembly Evaluation Chart Methodology
Author: 1. Wiwiek Fatmawati 2. Ariffin Abdul Razak

B.7 Simulating the Current Performance and the Use of Dispatching Rules in an Automotive Part Manufacturing Company
A Comparative Study of Energy Management Strategies for Plug-In Hybrid Electric Vehicle

Microstructural Study on 8YSZ and NiCoCrAlY Thermal Barrier Coating Due To High Temperature Oxidation
Author: 1. Lukman Noerochim 2. Bagus Primadianto

The Performance of Valveless Pulse Combustor Using Gaseous Fuel

DIFFUSIVE THERMAL INSTABILITY IN PREMIXED FLAME
Author: 1. AHMAD FAIZ MAT ZIN 2. MAZLAN ABDUL WAHID 3. ROSNAIDAH BAHSAN

Multi axial behavior of natural fiber reinforced composite for prostheses application

Framework of End-of-life Product Disassembly Analysis
Author: 1. Feri Afrinald 2. Muhamad Zami Mat Saman 3. Awaluddin Mohamad Shaharoun

DESIGN OF AN INTELLIGENT PIG FOR OFFSHORE PIPELINE MAINTENANCE
Author: 1. Kresnajaya Prasetia Pancakarsa 2. Fakhruldin Mohd Hashim

Design and Construction of 4 axis Computer Numerical Control (CNC) Milling Machine
Author: 1. Aung Zaw Htun

PROGRAMABILITY AND SIMULATABILITY OF HOLONIC WORKFORCE MANAGEMENT SYSTEM FOR LABOR-INTENSIVE MANUFACTURING WITH CASE STUDY
Author: 1. LIM YONG CHING

A proposed critical factor for effective implementation of quality engineering tools and techniques in malaysian and indonesian automotive industries
Author: 1. Nilda Tri Putri 2. Sha'ri Mohd. Yusof

INTERFACIAL REACTIONS BETWEEN Sn-Ag-Cu LEAD-FREE SOLDERS
Author: 1. SALIZA AZLINA OSMAN 2. ALI OURDJINI 3. SITI RABIA'ULL AISHA IDRIS

EFFECT OF SOLDER VOLUME AND PAD AREA ON INTERMETALLIC COMPOUNDS FORMATION DURING SOLDERING BETWEEN Sn-4Ag-0.5Cu AND IMMERSION SILVER FINISH
Author: 1. SITI RABIA’ULL AISHA IDRIS 2. ALI OURDJINI 3. ASTUTY AMRIN 4. SALIZA AZLINA OSMAN

Child Model Size and Mesh Refinement Effect to the Result Accuracy of Sub Modeling Technique in Finite Element Analysis
Author: 1. OJO KURDI 2. Roslan Abd Rahman 3. Mohd Nasir Tamin

LAYOUT REDESIGN WITH USING CLUSTERING APPROACHES TO OPTIMIZE CONTAINERS HANDLING PROCESS
Author: 1. Andre Sugiyono

RING TEMPERATURE ON PROPANE FLAME LIFT-UP

The Influence of Ring on Flame Height and AFR Of Flame Lift-up Phenomenon; An Experimental Study

ANALYTICAL INVESTIGATION OF BIOFUEL BLENDS SPRAY AND ATOMIZATION
CHARACTERISTICS IN PRESSURE SWIRL ATOMIZERS

B.25 Combustion Characteristics of Palm Shell Fuel in Fluidized Bed Combustion
Author: 1. Rosyida Permatasari 2. Muhammad Nazri jaafar

B.26 Disturbance Rejection Control of a Disk Brake System to Reduce Vibration and Noise

B.27 Taguchi Method: Influence of Different Dielectrics in Machining SKD 61 with Electrical Discharge Machining (EDM)

B.28 Effect of Thermal Aging and Absorbed Hydrogen on Fatigue Crack Growth Behavior of Welded A516 Steel

B.29 Application of Full Factorial Experiment in Designing an ANN-based Control Chart Pattern Recognizer
Author: 1. Ibrahim Masood 2. Adnan Hassan

B.30 Developing an effective method to successful implementation of ISO 9000:2000 regarding to the usage of quality tools

B.31 Supplier evaluation method based on process capability and price analysis with CPMPC chart

B.32 Initial Study on Flow Behaviour Around Four Circular Cylinders With Different Reynolds Number by Using Lattice Boltzmann Scheme
Author: 1. H. M. Faizal 2. C. S. N. Azwadi

B.33 LAMINAR FLOW THROUGH A DOUBLE ELBOW GEOMETRY WITH LATTICE BOLTZMANN NUMERICAL METHOD
Author: 1. N. M. Akmal 2. C. S. N. Azwadi 3. M. S. Zuhairi

B.34 SIMULATIONS OF TWO BUBBLES RISE IN CAVITY WITH LATTICE BOLTZMANN METHOD
Author: 1. Muhamad Zuhari Sulaiman 2. C. S. N. Azwadi 3. N. M. Akmal

B.35 Study On The Effect Of Stent Strut Parameters in Aneurysm Model To Blood Flow Behavior
Author: 1. Mohamad Mazwan bin Mahat 2. C. S. N. Azwadi

B.36 Vibration Control of a Hand model using Active Force Control with Piezoelectric Actuator

B.37 Tool Wear and Tool Life Performance of TiAIN Coated Carbide Cutting Tools when Turning Hardened Cold Work Tool Steel

C. Electrical and Communication
C.1 ANFIS AND ANN COPARISIM FOR STATIC SECURITY ASSESSMENT
Author: 1. ibrahim saeh 2. ibrahim saeh 3. Azhar Kurrdeen

C.2 Numerical Simulation of Two - Dimensional Thermal Oxidation of Silicon

C.3 HSDPA Mobile Broadband Communication Model for Data Correction in Network-RTK of GPS Satellite Navigation Systems
Author: 1. Arief Marwanto 2. Tajul Ariffin Musa
C.4 Performance Comparison between Smooth-Windowed Wigner-Ville Distribution and the Adaptive Optimal Kernel Method

C.5 Secure Digital Communication System

C.6 Analysis of Sub-packet Interleaving for Multipath Fading Channels
Author: 1. Abd Rahim Mat Sidek 2. Ahmad Zuri Sha'ameri

C.7 CROSS LAYER DESIGN OF COGNITIVE RADIO MB-OFDM SYSTEMS

C.8 New OADM Design for Next Generation Passive Optical Network and it's Protection

C.9 Voltage Control System Design for Micro Hydro Power Generation based on Fuzzy Logic Approach in Order to Improve Voltage Profile of Alternative Power Generation

C.10 Electronic Devices Thermal Analysis and Optimization Using Genetic Algorithm
Author: 1. FATIMAH SHAM ISMAIL 2. RUBIYAH YUSOF

C.11 Indian mackerel on Target Strength Measurement
Author: 1. SUNARDI SUNARDI 2. JAFRI DIN 3. ANTON YUDHANA 4. RAJA BIDIN

C.12 PERFORMANCE IMPROVMENT OF HIGH SPEED DOWNLINK PACKET ACCESS (HSDPA) BASED ON TRAFFIC SCHEDULING TECHNIQUE
Author: 1. Ida Wahidah 2. Sofia Naning

C.13 The Comparison of Conventional and Modified Dielectric Barrier Discharge Chamber to Produce Lower Power Consumption for Ozone Gas Generation

C.14 Hardware Design for Low Cost Auditory Brainstem Response (ABR) Machine

C.15 Automatic Computerized Audiometric System

C.16 Semi-automatic Design of Two-hidden Layer Feedforward ANN for Predicting Grid-PV System Output
Author: 1. SHAHRIL IRWAN SULAIMAN 2. TITIK KHAWA ABDUL RAHMAN 3. ISMAIL MUSIRIN

C.17 DYNAMIC MODEL OF A TWO LINK FLEXIBLE MANIPULATOR

C.18 APPLYING AN EXPERT SYSTEM AS AN EARLY DETECTION OF CERVICAL CANCER ON WEB BASED
Author: 1. Frida Kusumawati 2. Eko Handoyo

C.19 Non-Linear System Identification of Gaseous Pilot Plant at UTP
Author: 1. Hurriyatul Fitrinah

C.20 PERFORMANCE ANALYSIS OF WLAN IEEE 802.11E FOR TCP-UDP TRAFFICS WITH USING ADAPTIVE ADMISSION CONTROL MECHANISM
Author: 1. Rendy Munadi 2. Laila Yulia 3. R.Rumani M
C.21 Implementation of Arithmetic Logic Unit Design Based on Hardware Description Language (Verilog)
Author: 1. May Phyo Thwal

C.22 TRANSLATION BETWEEN MICROPROGRAMMED CONTROL AND HARDWIRED CONTROL
Author: 1. Aye Thi Ri Wai

C.23 Finite Difference Approach for Nonlinear Parameter Update on Fixed Radial Basis Function Network’s Learning Method

C.24 Performance Evaluation of Decision Tree Algorithms For Flow-Based Network traffic classification
Author: 1. Suliaman Mohd Nor 2. Abuagla Babiker Mohammed

C.25 Information Fusion for Terrain State Feasibility Assessment based on Maximum Score of the Total Sum of Joint Probabilities Method

C.26 Anti Jamming Transceiver Design by Using Advanced Free-Jamming Frequency Channel Selection Method

C.27 An Analysis of Turtle Hearing Capability to Design TED (Turtle Excluder Device)

C.28 System Performance Analysis for 150 km SCM/WDM Radio over Fiber
Author: 1. Arief Marwanto 2. Sevia Mahdaliza Idrus

C.29 Wired and Wireless Technology For Transmission Line and Substation Protection Scheme
Author: 1. Hamzah Eteruddin 2. Abdullah Asuhaimi

C.30 Application of ATmega8535 Microcontroller as Partial Discharge Detector
Author: 1. Abdul Syakur 2. Iwan Setiawan 3. Darjat Fahrudin H. Prastowo

C.31 CAPACITY AND QUALITY IMPROVEMENT IN THE WCDMA SYSTEM EMPLOYING SMART ANTENNA
Author: 1. Tito Yuwono

C.32 Design and Build Water Temperature and level controlling At silk worm Cocoon Boiler
Author: 1. Tito Yuwono

C.33 Performance Analysis of a 2.4 GHz ISM-Band Wireless LAN in Indoor Wireless Communication Link

C.34 High Efficient Coupling Using Fiber-Tapped Micro Lens in Single Mode Step Index Fiber Link

C.35 Vulnerability Analysis of Oil Dependence for Electricity Supply in Indonesia
Author: 1. Muhammad Eri Wijaya 2. Bundit Limmeechokhrai

C.36 A Tightly Coupled Hardware for FPGA-based Embedded Elliptic Curve Cryptosystem in GF(2m)
Author: 1. Arif Irwansyah 2. Mohamed Khalil Hani

C.37 Simulation of Improved Direct Torque Control Scheme for Permanent Magnet Synchronous Motor Drives
Author: 1. Tole Sutikno 2. Auzani Jidin

D. Computing and Information Technology
D.1 VIRTUAL ENVIRONMENT OF THE HAJJ
Author: 1. Setyawan Widyarto

D.2 DEVELOPMENT OF AN INTELLIGENT COMPUTER VISION SYSTEM FOR AUTOMATIC RECYCLABLE WASTE PAPER SORTING

D.3 Text-Independent Speaker Identification By Artificial Neural Network Model Using Resilient Backpropagation Method
Author: 1. Soo Yee Cheang 2. Abdul Manan Ahmad

D.4 Implementation of FPGA Based Sobel Edge Detection Operator
Author: 1. Indra Yasri

D.5 APPLYING NATURAL LANGUAGE PROCESSING IN DEVELOPING SPLIT PATTERN OF LATIN CHARACTER TEXT DOCUMENT ACCORDING TO LINGUISTIC KNOWLEDGE OF WRITING JAVANESSE SCRIPT
Author: 1. EMA UTAMI 2. JAZI EKO ISTIYANTO 3. SRI HARTATI 5. AHMAD ASHARI

D.6 Building Knowledge Base Using C4.5 Algorithm
Author: 1. Enny Itje Sela

D.7 Optimal FEC Block Size for Media Streaming Over Internet
Author: 1. Omar Almomani 2. Suhaidi Hassan

D.8 A Review on Soft Computing in Image Enhancement Techniques: Neural Network, Genetic Algorithm, and Fuzzy Filters
Author: 1. Nur Zahrati Janah 2. Baharum Baharudin

D.9 Double Simulated Annealing Model for Mapping of Graphs to Single-Row Networks
Author: 1. Ser Lee Loh 2. Shaharuddin Salleh 3. Nor Haniza Sarmin

D.10 Using artificial intelligent techniques for meteorological forecasting: A Review
Author: 1. Ahmad shahi 2. Dr. Rodziah Alan 3. Associate Prof. Dr. Md. Nasir Sulaiman

D.11 Maturity Classification of Papaya Based on Two-Color Processing
Author: 1. Musa Mokji 2. Kamal Zharif

D.12 HUMAN ACTIVITIES CLASSIFICATION IN FAR FIELDS SURVEILLANCE SYSTEMS USING INTELLIGENT SYSTEMS
Author: 1. ALTAHIR ABDALLA ALTAHIR MOHAMMED 2. Vianth S. Asirvadam 3. Patrick Sebastian

D.13 A review of QoS-aware routing protocols in Vehicular Ad hoc Networks

D.14 Problem Recognition Technique for Maintenance Modelling with Special Reference to Incomplete Data

D.15 Online Mobile Medical Records In Obstetrics-gynecology Subsystem
Author: 1. Anung Prastyo Pribadi 2. Eko Handoyo

D.16 A Data Mining Approach for Business

D.17 A new approach for Fingerprint Authentication

Author: 1. Retna Arliana 2. Eko Handoyo
D.19 Mapping of OWL Context Ontology onto Z Notation

D.20 ANALYSIS IMPLEMENTATION BANDWIDTH MANAGEMENT IPDSLAM FOR ACCESS VPN IP SERVICE

D.21 Stakeholder Analysis for Malaysian Herbs Industry

D.22 THE FEASIBILITY OF DEVELOPING COMPONENT-BASED SPEECH RECOGNITION APPLICATIONS IN MALAYSIA

D.23 MULTI-SCALE COLOR IMAGE ENHANCEMENT USING CONTOURLET TRANSFORM
Author: 1. M. H. Asmare

D.24 Protein Interaction Networks for Protein Function Prediction: A Review

D.25 Optimized Fuzzy Cluster of E-Documents Using Validity Index
Author: 1. Lailil Muflikhah 2. Baharum Baharudin

D.26 Implementation of Online Examination System Using Mobile Agent
Author: 1. Moe Moe Aye 2. Mie Mie Thet Thwin

D.27 Comparison of Techniques for Estimating the Accuracy of Classification Methods

D.28 Effectiveness of Pruning to Increase Efficiency and Accuracy in Decision Tree

D.29 IPv6 Multi Generated Address for Enterprise Wireless Local Area Network

D.30 IMPACT OF APPLICATION ADVERTASING AT INTERNET AND MARKETING WITH E-MAIL TOWARD PROCESSING INFOARMATION AND BUYING DECITION OF CONSUMER
Author: 1. Mujiyana Mujiyana 2. Mohammad Abdul Mukhyi

D.31 Object Identification by Using Combination of Neural Network and Information Fusion

D.32 performance evaluation of Malaysian University Website
Author: 1. Handaru Jati

D.33 Off-Line Cursive Character Recognition Based on Hybrid Statistical Features
Author: 1. Amjad Rehman Khan 2. Fajri Kurniawan 3. Dzulkifli Mohamad

D.34 Study On Reduced Support Vector Machines And Its Application In Ozone Level Detection
Author: 1. SANTI WULAN PURNAMI 2. SP RAHAYU 3. ABDULLAH EMBONG

D.35 DESIGNING A WEB BASE ELECTRONIC MEDICAL RECORD IN STAYED NURSING INSTALLATION
Author: 1. Moh. Muttaqin 2. Eko Handoyo

D.36 A LANGUAGE TO REPRESENT SECURITY POLICY FOR MULTI-AGENCY HEALTH INFORMATION SYSTEM
Author: 1. Intan Najua binti Kamal Nasir 2. Azween Abdullah
D.37 Assessing the amount of erosion and sediment yield in watershed level using Geomorphology & EPM model
Author: 1. A. Haghizadeh 2. L. Teang shui

D.38 Collaborating Text and Image Features for Building Decision Tree of Diagnose Problem

D.39 Software Plagiarism Detection Using Code-Group Approach
Author: 1. Imam Much Ibnu Subroto 2. Ali Selamat

D.40 A Review of the PBL integration into E-learning System

D.41 Knowledge Dissemination Overview

D.42 PARALLEL PROCESSING IN NEURAL NETWORK FOR PATTERN RECOGNITION

D.43 Page 1 Combination Cryptography with EL-Gamal and Steganography with LSB for Data Text Security
Author: 1. Titin Sri Martini 2. Esti Suryani 3. Tuessi Ari Purnomo

D.44 A New Dynamic Strategy on Portals for Managing ERPs as a Semi Distributed ERP Approach
Author: 1. MIR SHAHRIAR EMAMI

D.45 Identification of Human Counterproductive Behavior Using Text Analysis Method

D.46 Wireless Security: A Review of Researches Achievement today

E. Civil Engineering

E.1 APPLYING QUALITY FUNCTION DEPLOYMENT APPROACH IN THE BUILDING LAYOUT DESIGN PROCESS
Author: 1. MUHAMAD AZANI YAHYA 2. Aniza Binti Ibrahim

E.2 The Significant of Financial Management to Contracting Firms in Malaysia

E.3 Comparison of Partial Strength Connection between Extended and Flush End-Plate Connections Using Built-Up Beam Sections

E.4 Prioritizing The Maintenance of Pipeline
Author: 1. Silvianita Silvianita

E.5 WATER PERMEABILITY OF MICRONISED BIOMASS SILICA CONCRETE
Author: 1. SURAYA HANI ADNAN 2. PM DR. YEE LOON LEE 3. DR. ISMAIL ABDUL RAHMAN 4. DR. HAMIDAH MOHD SAMAN 5. MIA WIMALA SOEJOSO

E.6 GEOTECHNICAL CENTRIFUGE PHYSICAL MODEL OF REINFORCED CLAY SLOPE

E.7 Hydrodynamics Study of Artificial Mangrove Root System (ArMS)
Author: 1. Hooi Bein Goh 2. hadibah Ismail

E.8 An Over view of a Three-dimensional finite difference method (FDM) swelling behavior in tunnels
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<tr>
<th>No.</th>
<th>Title</th>
<th>Author Details</th>
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<td>E.10</td>
<td>Effect of Development Condition on River Basin Response (A Case Study on Kayu Ara River Basin, Malaysia)</td>
<td>1. Sina Alaghmand 2. Rozi bin Abdullah</td>
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<tr>
<td>E.11</td>
<td>BREAKING WAVE ENHANCED TURBULENCE IN A SEMI-ENCLOSED WATER BODY</td>
<td>1. Purwanto Bekt Santoso</td>
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<tr>
<td>E.12</td>
<td>Conceptualization for Design of Earthquake Resistant High-rise Building in Myanmar</td>
<td>1. Toe Toe Win</td>
</tr>
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