

ACT2010 Full Paper Schedule

Registration-8:30AM
 Inaugural Ceremony-9:30AM
 Photo Session 10:55 AM-11:AM (Hall:1)
 Tea Break-11:AM-11:15AM

Date:2 -Dec -2010		Hall:1	Session:1	Time :11:15 AM -1: 30 AM
Chair 1: Dr. Janahanlal Stephen (Technical Head, ACEEE)		Chair 2: Togar Alam Napitupulu, Ph.D (Specialization: Computational Intelligence and Food Technology) Chair 3: Dr. Gerard Polla (Specialization: Mathematical Modelling an EduTech)		
Paper ID	PaperTitle	Reg :Author		
9 F	A Fast Algorithm in Exponential Change-Points Model with Comparison	Kuo-Ching Chang		
22 F	Fourier Transform of Untransformable Signals using Pattern Recognition Technique	Manish Mittal		
27 F	Forecasting Sunspot Numbers With Recurrent Neural Networks (RNN) Using 'Sunspot Neural Forecaster' System	R.E. Samin		
29 F	Managing Distributed Temperature Measurements In An Embedded System Of A 3-Phase 10 Kva Energy Efficient Switchable Distribution Transformer Employing A Modular Approach	Hari Arief Dharmawan		
32 F	Software Development For Black Tea's Physical Variable And Quality Class Relationship Analyzing Using Correlation Adaptive Visual Pattern Recognition Artificial Neural Network Based Expert System	Renan Prasta Jenie		
34 F	Adaptive Observer Based Tracking Control For A Class Of Uncertain Nonlinear Systems With Delayed States And Input Using Self Recurrent Wavelet Neural Network	Manish Sharma		
35 F	FPGA Based Analysis And Multiplication Of Digital Signals	Zulfikar		
39 F	Recognizing Document's Originality By Laser Surface Authentication	Wiwi Samsul		
43 F	Maximum Power Point Tracking Based Optimal Control Wind Energy Conversion System	Ahmad Nadhir		
46 F	Real Time Model Of Fuzzy Random Regression Based On A Convex Hull Approach	Azizul Azhar Ramli		
47 F	Visual Indicator Component Software To Show Component Design Quality And Characteristic	Djon Irwanto		

Lunch Break 1:30 PMto 2:30 PM

Date 2-Dec-2010	Hall: 1	Session:II	Time 2:30 PM to 3:30 PM
Chair 1: Richard Kumaradjaja, Ph.D (Specialization: Artificial Intelligence)		Chair 2: Raymond Kosala, Ph.D. (Specialization: Digital Image Processing and Computer Vision) Chair 3: Iman Herwidiana Kartowisastro, Ph.D (Specialization:Mechantronics)	
Paper ID	Paper Title	Registered Author	
53 F	Improved Structure Of Solar Tracker With Microcontroller Based Control	M. Hilmi Fadzil S	
57 F	Fabrication And Characterization Of Dye-Sensitized Solar Cell Using Blackberry Dye And Tio2 Nanocrystals	Stephen Lourens Tanihaha	
78 F	Feedback Delay Effect On The Cdma Closed Loop Power Control	Filiyal Fahri	
99 F	Fuzzy Logic System for DNA Profile Matching with Embedded Ethnic Inference	Reggio N Hartono	
516 F	Using Pattern Matching in the 1-D Domain of Chain Code Signals for the Compression of Binary Printed Farsi and Arabic Textual Images	Esmail Shojaei	
518 F	A Thresholding Algorithm for Text/Background Segmentation in Degraded Handwritten Jawi Documents	Tengku Mohd Afendi Zulcaffle	
532 F	Comparison of 1 -Minimization and Iteratively Reweighted Least Squares- p-Minimization for Image Reconstruction from Compressive Sensing	Oey Endra	

ACT 2010 SHORT PAPER SCHEDULE

Date: 2 - Dec -2010	Hall : II	Session: IV	Time:11:15 AM to 12:15 PM
Chair 1: Dr. Vinu V Das (CEO, Engineers Network)		Chair 2: Dr. Hoga Saragih (Specialization: Electrical Engineering and Antenna) Chair 3: Richard Kumaradjaja, Ph.D (Specialization: Artificial Intelligence)	
Paper ID	Paper Title	Registered Author	
7 S	Artificial Neural Network Application In Gross Domestic Product Forecasting An Indonesia Case	Liliana	
31 S	Swarm Routing Protocol For Mobile Adhoc Networks.	Sumanlata Gautam	
41 S	Revenue Prediction Using Artificial Neural Network	Agus Widodo	
48 S	Personal Computer Based Experimentations And Performance Analysis Of Energy Efficient Switchable Distribution Transformers And Implemented Switching Devices	Hari Arief Dharmawan	
56 S	Variable Bits Secure System For Color Images	Kriti Verma	
66 S	Image Enhancement And Image Restoration For Old Document Image Using Genetic Algorithm	Hilda Deborah	

76 S	Failure Detection And Recovery In The Batch Process Automation Domain Using Automation Agents	Munir Merdan
534 S	Control and monitoring of e+lectrical consumption system using wireless, automated reader designed algorithm	Azhar Fakhruddin
535 S	Intelligent Searching using Association Analysis for Law Documents of Indonesian Government	Iis Siti Darawaty

ACT2010 POSTER PAPER SCHEDULE

Date : 2 -Dec-2010	Hall:I	Session: III	Time : 3:30 PM to 4:00PM
Chair 1: Richard Kumaradjaja, Ph.D (Specialization: Artificial Intelligence)		Chair 2: Raymond Kosala, Ph.D. (Specialization: Digital Image Processing and Computer Vision) Chair 3: Iman Herwidiana Kartowisastro, Ph.D (Specialization:Mechantronics)	
Paper ID	Paper Title	Registered Author	
25 P	Point-To-Point OMNET++ Based Simulation Of Reliable Transmission Using Realistic Segmentation And Reassembly With Error Control	Erwin Anggadajaja	
40 P	A Formal Design Of Automation Systems Based On Operation Modes Using High-Level Petri Net	Seno D. Panjaitan	
45 P	Chromosome Centromere And Chromatid's Banding Identification Using Pattern Vector	Rahmadi Trimananda	
49 P	Power Rail Noise Minimization During Mode Transition In A Dual Core Processor	Devesh Dwivedi	
51 P	A Comparative Study On Replica Placement Algorithms For Content Delivery Networks	Sam Rajesh MD	

Date : 2 -Dec-2010	Hall:II	Session : V	Time :12:15 PM to 1:30 PM
Chair 1: Dr. Vinu V Das (CEO Engineers Network)		Chair 2: Dr. Hoga Saragih (Specialization: Electrical Engineering andAntenna) Chair 3: Richard Kumaradjaja, Ph.D (Specialization: Artificial Intelligence)	
Paper ID	Paper Title	Registered Author	
54 P	A Comparative Study Of Skeletal And Keyframe Animations In A Multiplayer Online Game	Raymondus Kosala	
89 P	Classification of Microcalcification Using Dual-Tree Complex Wavelet Transform And Support Vector Machine	Diaz D. Santika	
83 P	Image Feature Extraction And Recognition Of Abstractionism And Realism Style Of Indonesian	Tieta Antaresti R P	
84 P	Semantic Document Annotation Ranking Model	Syarifah Bahiyah	

		Rahayu
86 P	A Novel Static and Moving Obstacles Avoidance Method using Bayesian Filtering for Service Robot	Widodo Budiharto
88 P	Exploring The Pattern of Habits of Users Using Web Log Squential Pattern	Ford Lumban Gaol
62 P	A Simulink Implementation Of The Cerebellum Model Articulation Controller	Seema Mathew,
93 P	Integrating Dynamic Analysis Using Clustering Techniques For Local Malware In Indonesia	Rocky Christian
94 P	A Preliminary Study on Perceived Benefit of MDT Implementation at Blue Bird Taxi	Yaya Heryadi

Lunch Break 1:30 PM to 2:30 PM

Date: 2 -Dec-2010		Hall: II	Session: VI	Time : 2:30 PM to 4:00 PM
Chair 1: Dr.Suryadi Liawatimena		Chair 2: Dr. Dr. Diaz Santika (Specialization: Computational Intelligence and EduTech) Chair 3: Prof. Dr. Bahtiar Saleh Abbas (Specialization: Operation Research)		
Paper ID	Paper Title	Registered Author		
98 P	A GPU implementation of Fast Parallel Markov Clustering in Bioinformatics using ELLPACK-R Sparse Data Format.	Alhadi Bustamam		
520 P	Stock Price Prediction: Comparison Of Arima And Artificial Neural Network Methods An Indonesia Stock's Case	Yohanes Budiman Wijaya		
521 P	IT Blueprint for Education Institution	Maria Seraphina Astriani		
537 P	The Mapping of Information Communication and Technology (ICT) Progress by Using Self Organizing Maps (SOM)	Yuni Arti, Ninon Nurul Faiza		
540 P	Fuzzy Rule Based for Analitical Demand Forecasting Enhancement	Agus Pratondo		
541 P	Information Technology Risk Measurement Using Nist	Anderes Gui		
553 P	Implementation Of Intelligent Searching Using Self-Organizing Map For Webmining Used In Document Containing Information In Relation To Cyber Terrorism	Endy		
552 P	Text Classification Techniques Used To Facilitate Cyber Terrorism Investigation	David Allister Simanjuntak		
555 P	Analysis Of Machine Learning Techniques Used In Behavior-Based Malware Detection	Ivan Firdausi		
556 P	Business Process Integration Using Bpel To Create Direct Rewarding Module In Loyalty Management System	Ryan Andhika Perdana		