



Faculty Name : Mujiono, ST. MT. CISA

Office Title : Faculty Member

Department : Computer Science

JFA: Lektor

Teaching Subject : IT Audit, Data Mining, Data Base,
Software Engineering,

Professional Members : - Member of ISACA
International
- Member of ISACA
Indonesia Chapter

Email Address : mujiono.sadikin@mercubuana.ac.id

Research Focus

Mujiono has been act as lecture since 1995 and become faculty member of Universitas Mercu Buana since 2010. For over 16 years he has many experiences in researches and professionals. His researches focus are are :

- IT Audit &IT Assurances
- Data Mining
- Bioinformatics, Biomedic

Education Background

1991 – 1995 Bandung Institute of Technology Bandung, INA
- Bachelor Degree in Informatic

1998 – 2000 Bandung Institute of Technology Bandung, INA
- Master Degree in Informatic.

2012 – 2016 (Expected) Universitas Indonesia Depok, INA
- Doctoral Program in Computer Sciences

Professional Certificate

- CISA Certified, 2011

Professional Associacion

- ISACA International Member
- ISACA Indonesia Chapter Member
- Member of Desk National Cyber Security of Kementerian Polkam RI 2014

Public Speaker

- “Client Server Technology ”, STT Mandala Bandung 1999

- “Internet and DataBase Distribution”, STT Mandala Bandung 2000
- “MySQL for Corporate Portal Development”, Grha Citra Telkom Jakarta 2001
- “eBusiness Solution Based On Linux Application”, Hotel KS, November 2002”
- “eBusiness Implementation Strategy”, Forum IT PTP Nusantara, Jakarta 23 April 2003

Journal Articles

1. Harwikarya, Mujiono Sadikin, Devi Fitriana, Mohammad Mustofa Sarinanto, Ida Nurhaida, and Arif R. Dwiyanto,. IS Strategic Plan for Higher Education Based on COBIT Assessment, a Case Study, *Journal of Advanced Management Science*, Vol. 5, No. 8, pp. 629-633, 2015, August 2014. ISSN: 2010-3689 DOI: 10.7763/IJMET.2015.V5.581
2. Mujiono Sadikin, Harwikarya Hardi, and Wachyu H. Haji,. IT Governance Self Assessment in Higher Education Based on COBIT Case Study: University of Mercu Buana, *Journal of Advanced Management Science*, Vol. 2, No. 2, pp. 83-87, June 2014. doi: 10.12720/joams.2.2.83-87
3. Ito Wasito, Aulia N. Istiqlal, Mujiono Sadikin, Indra Budi. Empirical Evaluation of Integration of Biological Data Model using Kernel Based Approach., *Journal of Convergence Information Technology* (ISSN: 1975-932), Accepted 6 January 2014
4. Arief F Huda, Ito Wasito, T. Basaruddin, Mujiono S,. Spatial Clustering Algorithm Based on Neighboring Structure Approach, *JCIT: Journal of Convergence Information Technology*, Vol. 8, No. 16, pp. 25 ~ 38, 2013
5. Mujiono, .Identifikasi Dan Pengelolaan Data Kendaraan Bermotor Pengguna BBM bersubsidi Dengan Smart Card. *FIFO Fasilkom UMB*, Volume 3 No. 1, Mei 2011, ISSN-ISBN 2085 - 4315
6. Priantono, Anjar. Mujiono, . Pengaturan Antrian Pada sms Engine Menggunakan Message Queuing. *FIFO Fasilkom UMB*, Volume 3 No. 2, Nov 2011, ISSN-ISBN 2085 - 4315
7. Mujiono, .Analisa Data BBM Bersubsidi Sektor Transportasi Darat Menggunakan Kakas Pentaho *CE Analysis. Fasilkom UMB*, Volume 4 No. 1, Mei 2012, ISSN-ISBN 2085 - 4315

Conference Proceeding

1. Sadikin, Mujiono., Wasito, Ito.,*Translation and Classification Algorithm of FDA-Drugs to DOEN2011 Class Therapy to Estimate*, The 2nd International Conference on Information Systems for Business Competitiveness 2013 (ICISBC) 2013, December 5 – 6 , Semarang . The revision and expanded of the paper is being reviewed by the journal editor of International Journal of Telemedicine and Clinical Practice
2. Sadikin, Mujiono., Hardi, Harwikarya., Hari Haji, Wachyu., *IT Governance Self Assessment in Higher Education Based on COBIT Case Study :*

University of Mercu Buana, The 2nd International Conference on Innovation and Information Management (ICIIM) 2014, January 12 – 13, Phuket, Thailand (Accepted : <http://www.iciim.org/>)

3. Teny Handhayani, Ito Wasito, Mujiono Sadikin, and Ranny., *Kernel Based Integration of Gene Expression and DNA Copy Number*, Proceeding of 2013 International Conference on Advance Computer Science and Information System, September 28-29, Bali Indonesia, <http://icacsis.cs.ui.ac.id/>
4. Ranny, Ito Wasito, Mujiono Sadikin, and Teny Handhayani, *Predictive Genotype based on Phenotype using The Association Rules Mining*, Proceeding of 2013 International Conference on Advance Computer Science and Information System, September 28-29, Bali Indonesia, <http://icacsis.cs.ui.ac.id/>
5. Sadikin, Mujiono., Wasito, Ito., *Fractal Dimension As A Data Dimensionality Reduction Method For Anomaly Detection In Time Series*. The 7th International Conference on Information & Communication Technology and Systems (ICTS) 2013, 15 – 16 May 2013, Surabaya
6. Sadikin, Mujiono. ,Veritawati , Ionia., Wasito, Ito., *Fractal Dimension Approach for Clustering of DNA Sequences Based on Internucleotide Distance*, 2013 International Conference of Information and Communication Technology (ICoICT) , 20 – 22 March 2013, Bandung
7. Yulita N, Intan., Wasito, Ito., Sadikin, Mujiono. , *gCLUPS: Graph Clustering Based on Pairwise Similarity*. 2013 International Conference of Information and Communication Technology (ICoICT) , 20 – 22 March 2013, Bandung
8. Veritawati , Ionia., Wasito, Ito., Sadikin, Mujiono. , *Sparse Data for Document Clustering*. 2013 International Conference of Information and Communication Technology (ICoICT) , 20 – 22 March 2013, Bandung
9. Sadikin, Mujiono. ,*Subsidized Fuel Consumption Monitoring System*, International Conference on Informatics for Development (ICID) 2011, 26 November 2011, UIN Yogyakarta
10. Sadikin, Mujiono. ,*Indonesia Ministry and Non Ministry (M&NM) Institutions Cloud Computing Implementation Proposal*, University & Insitution Business Linkage (UIBL) 2012, Jakarta 23 February 2012
11. Sadikin, Mujiono. ,*Data Forecasting to Assist Software Verification & Validation Strategy Preparation. Study Case : Subsidized fuel transaction data & its system*, International Conference on Computer & Informatic Sciences (ICCIS) 2012, IEEE Chapter Malaysia, University Technology Petronas, Kuala Lumpur, 12 – 14 Juni 2012
12. Sadikin, Mujiono. ,*Penggunaan Peralatan EDC Terminal untuk Memantau*

Kendaraan Bermotor Pengguna BBM Bersubsidi, Seminar Nasional Pengaplikasian Telematika (SINAPTIKA) 2011, 23 Juli 2011, Universitas Mercu Buana, Jakarta

13. Sadikin, Mujiono. *Pemanfaatan Spreadsheet Microsoft Excel untuk Pembelajaran Benford's Law pada Kasus Analisa Data Transaksi BBM Bersubsidi*, Konferensi Nasional Pembelajaran Informatika 2012, 21 Januari 2012 UII Yogyakarta
14. Sadikin, Mujiono. *Perancangan Strategis Sistem Dan Teknologi Informasi Kementerian / Lembaga*, Seminar Nasional Manajemen Teknologi XV, 4 Februari 2012, ITS Surabaya
15. Sadikin, Mujiono. *Studi Awal Perkiraan Perilaku Konsusmi BBM Bersubsidi Di Kabupaten / Kota Menggunakan Data Mining*, Seminar Nasional Aplikasi Teknologi Informasi (SNATI) 2012, UII Yogyakarta, 15 Juni 2012

**Paper on
Conference
Reviewer**

- CEEC 2013 : Computer science and Electronic Engineering Conference, Sep 17, 2013 - Sep 18, 2013 , Colchester-UK

**Non Journal
Articles**

- Infokomputer, February 2003 “*eGovernment Implementation Strategy*”
- Kompas, May 10 2002 ‘*About Fractal, its dimension and applications*’
- Infokomputer, December 2001 ‘*Corporate Portal Software, new trend of application software*’
- Infolinux, September 2001 ‘*The importance of S/W Testing*’
- Kompas, 11 September 1995 ‘*Fractal*’
- Pikiran Rakyat, May 1997 ‘*Seven Months of ATCS Bandung*’
- Pikiran Rakyat, May 1996 ‘*Bandung Area Traffic Control System*’

**Professional
Experiences**

- 2012 – 2013
 - Project Manager and Professional consultant in development of Information System Master Plan of Otoritas Pelabuhan Penyebarangan, Directorate General of Land Transportation, Ministry of Transportation
 - Project Manager and Professional consultant in development of Information System Operating Procedure of Directorate General of Land Transportation, Ministry of Transportation

- 2011
 - Project Manager and Professional consultant in development of Information System Master Plan of UPT Pelabuhan Penyeberangan, Directorate General of Land Transportation, Ministry of Transportation
 - Professional consultant in development of Information System Master Plan of Mercu Buana University
- 2010
 - Project Manager of Monitoring System for Fuel Distribution, BPH Migas Jakarta
 - Project Manager of Importir Permit Online Information System, BKPM Jakarta
- 2009
 - Project Manager and Professional consultant in development of Information System Master Plan of BPIH Ministry of Religion, Jakarta
- 2006 – 2010 PT. Suar Amarta Solusindo Jakarta, INA
 Company Owner, Technical Director, Solution Architects, Project Manager
 - Some of Project List
 - Department Of Religion, Hajj Information System, 2009 - 2010
 - Department Of Religion, IT Master Plan, 2009
 - Department Of Trade, API-Online, 2009
 - Department Of Trade, E-filing System, 2008 - 2009
 - BPH Migas, Budget & Accounting System, 2007 - 2008
 - Asia Multi Dana, ERP of Leasing & Multi finance system , 2007
 - Department of Trade, Electronic Commodities GIS , 2007
- 2004 – 2006 PT. Knowledge Hub International Jakarta, INA

Director, Founder, and Owner

- Start to initiate my own business in IT industry. I started with arrange business plan, provide financial statement, market planning and penetration, initiated and develop company team
- Successfully develop business entity with zero Rp. Capital to Rp. 14 B revenue in two years.

- 2001 – 2004 PT. EBdesk Solutions Jakarta, INA

Director, Co. Founder (2001 – 2004)

- Responsible on Solutions Development and Sales
- Lead and managed solutions development department, many solution

implementation such : E&P Portal for Star Energy (Kakap) Ltd, Enterprise Portal for Rajawali Nusantara Indonesia, PT.

- 2000 – 2001 PT. EBdesk Indonesia Jakarta, INA

Technology Partnership Head (2000 – 2001)

- Responsible on product customisation sales
- Provided revenue Rp. 1.500.000.000 for 12 months in this position within various industry and company such : Oil & Gas, Constructions, Hospital, Government, etc.
- Lead and managed some divisions: Training, Technical Support, Help Desk
- As Instructor for some technical material about eBdesk Internet Farming and MySQL DBMS
- Prepare and provide business plan for project division
- Deep experience in customer solution planning, proposal preparation, presentation material, negotiation, etc.

- 2000 – 2001 PT. EBdesk Indonesia Jakarta, INA

Technology Partnership Head (2000 – 2001)

- Responsible on product customisation sales
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- Lead and managed some divisions: Training, Technical Support, Help Desk
- As Instructor for some technical material about eBdesk Internet Farming and MySQL DBMS
- Prepare and provide business plan for project division
- Deep experience in customer solution planning, proposal preparation, presentation material, negotiation, etc.

Product Development Manager (2000)

- Lead some developer to developed channels module of eBdesk Corporate Portal
- Identified and managed Portal Content
- Trainer for technical material of eBdesk Corporate Portal

1998 - 2000 PT. Mantissa Sarana Informatika Bandung, INA

Software Designer & Coordinator

- Designed and Implemented “Customer Care and Facility Management” for PT. Telkom Divre III Jawa Barat.

- Coordinator of Implementation System for some branch offices : Subang, Cirebon, Garut and Bandung
- Design and Implement generic “Customer Care and Facility Management” for Telecommunication Industry

1997 – 1998 PT. Elnusa EHS Jakarta, INA

Software Designer

- Designed and Implemented “Work Safety and Employee Health System” for Pertamina direktorat PPLK
- Trainer dan Quality Assurances

1995 - 1997 PT. Telnic Industry Bandung, INA

Project Manager

- Maintained and Coordinated resources for ATCS (Area Traffic Control System) Bandung Installation and Implementation 1996 - 1997. Coverage work area around Bandung City. Lead more than 50 employees, with project values Rp. 40 B.
- Finished all job under schedule targeted
- As an interface between government, local company, and overseas company (AWA – Plessey, an Australian Company)

Software Developer

- Developed Software Component for Electronic Company’s products.
- Developed “Pollutant Monitoring System”, as human interface of Automatic Pollutant Detection
- Involved in Card Phone Management System for PT. Telkom Tbk.