

## CURRICULUM VITAE

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## 7. EDUCATIONAL BACKGROUND

- a. Elementary school (1977).
- b. Junior high school (1980).
- c. Senior high school (1983).
- d. Bachelor Degree of Mathematics Education at Jember University (1987).
- e. Master Degree of Management at University of Muhammadiyah Malang (1996).
- f. Doctorate Degree of Research and Evaluation, Yogyakarta University (2005).

## 8. WORK EXPERIENCES

- a. Junior High School Teacher (1984-1987).
- b. Mathematics Education Staff at University of Muhammadiyah Malang (1987-present), Team of Academic Information system (1990-1996).
- c. Instructor of Mathematics' Teacher MTs at Bangkalan, Lamongan and Trenggalek
- d. Team of Monitoring Competency Based Curriculum at Senior High School (Department of National Education Jakarta.
- e. Consultant and Reviewer of Research at UMM.
- f. Team of Monitoring & Evaluation of MBS's implementasion at Elementary School in five District, East Java Province.
- g. Team of Monitoring & Evaluation of Research Implementation at UMM based on UMM Grant.

## **9. STRUCTURAL POSISIION HISTORY**

- a. The Head of Computer Center at University of Muhammadiyah Malang (1989-1995).
- b. The Head of Academic and Finance Computerize, University of Muhammadiyah Malang (1995-1997).
- c. The Head of Statistic and Enrollment at Bureau of Academic Administration, University of Malang (1997-1999).
- d. The Head of Computers' Development, Training and Maintenance, University of Muhammadiyah Malang (1999-2000).
- e. Secretary of Students Acceptance Unit University of Muhammadiyah Malang (200-2001).
- f. Experts Staff of University Quality Assurance (2003-August 2005).
- g. Thre Head of Department of Magister of Education Policy and Development Program, Post Graduate Muhammadiyah University of Malang (August 2005-September 2006).

## **10. RESEARCH**

- a. Design and analysis Retail Information System using Microsoft Access (2000, Grant: UMM).
- b. Design and analysis Student Information System using Microsoft Access (2000, Grant: UMM).
- c. Detecting Differential Item Functioning (DIF) by Item Response Theory (IRT), published at Alternatif Journal (Accredited), June, 2002, X(1), ISSN: 0853-1455 (2002)
- d. Item Analysis, published at Alternatif Journal (Accredited), June, 2002, X(2), ISSN: 0853-1455 (2002).
- e. Item Analysis and Scoring Based on Item Response Theory (IRT), published at Varidika Journal, University of Muhammadiyah Surakarta (Accredited), June, 2005 (2005)
- f. IRT Equating under Mathematic Test Model of Multiple Choice using Common-Item Nonequivalent Group Design and Two Parameter Logistic Model (2005, Grant: Department of National Education).
- g. Test Equating under The Graded Response Model, Dissertation, Yogyakarta State University (2005).
- h. Information Function and Standard Deviation of IRT Equating under Mathematic Test Model of Multiple Choice using Common-Item Nonequivalent Group Design and Two Parameter Logistic Model (2005, Grant: UMM)
- i. Test Equating under The Graded Response Model Based on Item Response Theory (IRT) (2006, Grant: Department of National Education).

## 11. SEMINAR / WORKSHOP

### **Participant:**

- a. Training of research quality development (5-10 December, 1988)
- b. Development of visions and capability in computer workshop (National Education Department, Jakarta, 23-28 July 1990).
- c. National seminar of Computer Resources Management in Higher Education (National Education Department, Jakarta, 22-24 October 1990).
- d. South East Asia seminar of Mathematics (Surabaya, October 1993)
- e. National Conference of Mathematics (ITB Bandung, 17-20 July 2000)
- f. National Conference of Mathematics (UM Malang, 22-25 July 2002)
- g. National seminar of education quality assurance (2003)
- h. English Course at IALF Bali, 17 February – 6 June 2003).
- i. National seminar: Research finding on learning achievement evaluation and management, Yogyakarta University, 14-15 May 2005.
- j. National Workshop: “Competency Based Assessment, Competency Based Curriculum implementations” (National Education Department, 16-19 September 2005).

### **Presenter/Trainer:**

- a. Topic: Elementary Linear Algebra. Workshop of visions and capability development in Mathematics (National Education Department, Bogor, 1-7 December 1996).
- b. Trainer of MI and MTs’ curriculum socialization at Bangkalan, Trenggalek and Lamongan, April – May 1998.
- c. Trainer of education supervision for MI and MTs supervisor East Java (17 November – 17 December 1998)
- d. Presenter of the Role Information Technology in Education and instruction seminar, 14 Mart 2000.
- e. Presenter of “Test Equating” seminar at UMM, 18 September 2002
- f. Presenter of Mathematics National Conference of Mathematics (Udayana University, Bali, 22-25 June 2004)
- g. Trainer of instruction skill development for Muhammadiyah University staff, 3-4 October 2005.
- h. Trainer of instruction development based on competency based curriculum for mathematics teacher at SMPN 5 Malang, June 2004.
- i. Trainer of Management and Governance in Education for Elementary School Supervisor East Java Province (Purnama Hotel, Batu, 12-16 December 2005)
- j. Trainer of School Based Management, Instructional Development included evaluation of instructional at SMPN 17 Malang (4 December 2006).

## 12. LANGUAGE PROFICIENCY

ENGLISH (active in reading and writing aspect).

### **13. CURRENT ORAGNIZATIONAL AFFILIATION**

HEPI (Indonesia Educational Evaluation Himpunan), interactive mail list – member to improve instrument development skill and capabilities, also programs evaluation.

HMI (Indonesia Mathematics Himpunan) – member to improve educational research and capabilities in assessment and instruction quality.

Malang, 22 Februari 2010

**DR. MOHAMMAD SYAIFUDDIN**

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