

CURRICULUM VITAE OF MOHAMAD ALI BIN BABA

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I. EDUCATION

Master of Science, Curriculum & Instruction; Southern Illinois University Carbondale; 2019

Master in Education; University Technology Malaysia; 1999

B.S. in Human Ecology; The Ohio State University; 1997

II. PROFESSIONAL EXPERIENCE

Instructional Designer and Curriculum Specialist; Alpha Genesis Group, Jan 2023 – Current

- Plan, design, and developed a leadership training program as required.
- Collaborate and support the development of training need analyses to determine appropriate assessment and course activities with subject matter experts.
- Lead the design, development, writing, editing, and evaluation of training objectives, training materials, and training activities in consultation with the subject matter experts.

Instructional Designer; School of Applied Engineering and Technology, College of Engineering, Southern Illinois University Carbondale; Sept 2017 – Dec 2022

- Planned, designed, and developed courses in LMS using technologies as needed.
- Collaborated and supported the development of learner analyses to determine appropriate assessment and course activities with faculty and subject matter experts.
- Lead the design, development, writing, editing, and evaluation of learning objectives, assessment plans, rubrics, course materials, and learning activities in consultation with faculty and subject matter experts
- Provided pedagogical guidance in alignment with instructional design theories, as well as practical guidance on teaching and learning.
- Collaborated with faculty to design great learning experiences and effectively use multimedia, instructional methods, technology, and software; advocated for and influenced faculty adoption to support learner outcomes.
- Developed annual assessment reports for the accreditation board.

Curriculum Developer; School of Applied Engineering and Technology, College of Engineering, Southern Illinois University Carbondale; August 2016 – August 2017

- Coordinated with faculty regarding program development
- Designed and developed a minor program in STEM Leadership for the School of Applied Engineering and Technology
- Designed and developed learning outcomes for the program
- Designed and developed syllabi, lesson plans, and assignments for instructors
- Designed and developed assessment tools to measure student progress in the program

Instructional Designer; School of Applied Engineering and Technology, College of Engineering, Southern Illinois University Carbondale; Jan 2012 – May 2016

1. Migrated online and blended courses from Blackboard to Brightspace D2L.
2. Planned, designed, and developed online and blended courses in LMS using technologies as needed.
3. Collaborated and supported the development of learner analyses to determine appropriate assessment and course activities with faculty and subject matter experts.
4. Lead the design, development, writing, editing, and evaluation of learning objectives, assessment plans, rubrics, course materials, and learning activities in consultation with faculty and subject matter experts
5. Provided pedagogical guidance in alignment with instructional design theories, as well as practical guidance on teaching and learning
6. Collaborated with faculty to design great learning experiences and effectively use multimedia, instructional methods, technology, and software; advocate for and influence faculty adoption of the same to support learner outcomes

Head of Department, Professional Development, Continuing Education Center, University Tun Hussein Onn Malaysia. Jan 2008 – Dec 2010

1. Coordinated with faculty and subject matter experts to teach off-campus and distance education programs.
2. Developed a Memorandum of Understanding (MoU) with distance education partners nationwide.
3. Developed INSEP (Industrial Skills Enhancement Program) for unemployed graduates.
4. Designed and implemented the INSEP curriculum.
5. Prepared graduate tracer study for the Ministry of Finance

Lecturer; Faculty of Technical and Vocational Education, University Tun Hussein Onn Malaysia; August 2007 – Dec 2010

1. Taught educational psychology, educational technology, and microteaching for graduate and undergraduate teacher preparation programs (BSc and Master in Technical and Vocational Education)
2. Developed and Revised program curriculum
3. Supervised graduate and undergraduate instructional design projects
4. Supervised graduate student master's thesis

Head of Department, Center of Instructional Development and Multimedia, Polytechnic Premier Ibrahim Sultan Malaysia, Jan 2006 – July 2007

1. Managed resources for multimedia development
2. Developed interactive learning materials
3. Provided training programs for instructors for the development of instructional materials
4. Developed specifications for the procurement of multimedia resources
5. Technical director for graduation ceremonies and other special events (multi-camera production)

Instructor; Department of Design and Visual Communications, Polytechnic Premier Ibrahim Sultan Malaysia; January 1999 – July 2007

- Taught Graphic Design & Multimedia Development
- Developed and Revised Program Curriculum

III. OTHER EXPERIENCE

Academic Affairs Committee (AAC), College of Education and Human Services, Southern Illinois University Carbondale. Spring 2018 - Spring 2019
Student Grievance Committee, Department of Technology, College of Engineering, Southern Illinois University Carbondale; December 2015 - May 2016

IV. HONORS AND AWARDS

Academic Training Scholarship, Ministry of Education Malaysia, 2012 - 2016
Employee Excellence Award - Ministry of Education, Malaysia, 2003
Instructor Excellence Award - University Tun Hussein Malaysia, 2009
World Bank Scholarship, Midwest Universities Consortium for International Activities (MUCIA), 1993 - 1997

V. INTEREST AND SPECIALTIES

Instructional Design, Educational Data Mining, Learning Analytics, Learning Management System, Curriculum Development, Competency Assessment, Leadership Development, Project Management, Quantitative and Qualitative Research Tools, Video Production, Photography

VI. GRANTS AND PROFESSIONAL PRESENTATION

A. Grants Completed:

Constructivist Learning Through Student Video Production Process. University Tun Hussein Onn Malaysia Research Mini-Grant, 2007 (RM10,000). Principal Investigator: Baba, M.A

B. Presentations at Professional Meetings:

Baba, M. A. (2021, April). Online Rubric Development in D2L. Presentation to the Technology Off-Campus Degree Programs Instructor Retreat, School of Applied Engineering & Technology, College of Engineering, Southern Illinois University Carbondale.

Baba, M.A (2020, November). Data mining techniques in blended learning: Prediction of students learning outcomes from online behavior data. Association for Educational Communication & Technology 2020. Virtual.

Baba, M.A (2019, February). Improving Blended Learning through Improved Teaching and Social Presence. Association of Teacher Educators 2019 Annual Meeting, Atlanta, GA.

DeRuntz, B. & Baba, M. A. (2016, October). Assessment in D2L. Presentation to the Extended Campus Faculty, Department of Technology, Southern Illinois University Carbondale.

DeRuntz, B. & Baba, M. A. (2015, February). D2L for Learning Outcomes Assessment, 4th Annual Teaching and Learning Symposium, Southern Illinois University Carbondale.

DeRuntz, B. & Baba, M. A. (2014, December) Competencies Mapping & Evaluation, Presentation to the Department of Technology, Southern Illinois University Carbondale.

C. Conference Proceedings:

DeRuntz, B. & Baba, M. A. (2015, September). Learning Outcomes Assessment Using D2L, 2nd SIU Assessment Conference – Actionable Assessment for Academic and Co-Curricular Learning, Southern Illinois University Carbondale.

Baba, M.A., Misdi, M., and Kaprawi, N. (2010). Retraining unemployed graduates through Entrepreneurship Program. National Conference of Engineering and Entrepreneurship Education, University Tun Hussein Malaysia & University Malaysia Kelantan.

- Baba, M.A., (2010). Feasibility study of using a paperless system. Proceedings of 2nd International Malaysian Educational Technology Convention, Converging Technology, Pedagogy and Content. Malaysia Educational Technology Association, November 2008, 15-31.
- Misdi, M., & Baba, M.A. (2009, June). “Creative and Critical Thinking Practices among Technical Education Students”. Paper presented for parallel session talk at the 14th International Conference of Thinking, Malaysia.
- Baba, M.A., (2009). Nurturing enhanced thinking through a constructivist learning environment. Proceedings of International Conference on Educational Research and Practice. University Putra Malaysia, June 2009, 45-60.
- Misdi, M., Ilani, S.H., & Baba, M.A. (2009, June). “The Effectiveness of Inquiry-Based Learning in Mathematics Engineering II”. Paper presented for parallel session talk at the 1st International Conference of Educational Research and Practice, Malaysia.
- Misdi, M., & Baba, M.A., (2008, August). “Malaysian Politeness: Modern Society in the Making”. Paper presented for parallel session talk at the 6th International Malaysian Studies Conference, Malaysia.
- Baba, M.A., (2008). Enhancing communication skills through student video production process. Proceeding of 1st International Conference on Communication and Media. University Utara Malaysia, June 2008, 32-47.
- Misdi, M., Liew, S.J., Johnson, L.S.C., Baba, M.A., & Tan, K.H. (2008, December). “The Readiness of Future Technical Teachers to Teach in English”. Paper presented for parallel session talk at the National Conference on Standardization of Teachers Education Committee, Malaysia.

VII. CREATIVE WORKS

- Baba, M.A., & Lim, M., (2018). *D2L Tutorial Guide* (Unpublished manual). Southern Illinois University Carbondale, IL.
- Baba, M.A (2015), *D2L Competencies Report Template for Faculty* (Unpublished Manual). Southern Illinois University Carbondale.
- Baba, M.A (2013). *Parking, Emerging Transportation Technologies, and Sustainability – A Promotional Video for An Online Architecture Graduate Course*. College of Architecture. Southern Illinois University Carbondale. Available at <https://www.youtube.com/watch?v=orlD-oEHKMY&t=4s>
- Baba, M.A (2011). *E-Learning Research Grant Project for Distance Education*, Department of Curriculum & Instruction, College of Education & Human Services, Southern Illinois University Carbondale: Advising Professors in using Blackboard for Online Learning, June 2011.
- Baba, M.A (2010). *E-Learning Material Development for the Ministry of Education, Malaysia: Development of E-Learning Material: Engineering Drawing*. Coordinator for Graphic, Sound and Animation.
- Baba, M.A (2009). *Video Production: Student Guide to Teaching Practicum*. Faculty of Technical Education, University Tun Hussein Onn Malaysia, October 2009.
- Baba, M.A (2006). *Digital Classroom Series - Introduction to MICE*. Interactive Instructional Video for Diploma in Tourism, Polytechnic and Community Colleges Division, Ministry of Higher Education, Malaysia, December 2006.
- Baba, M.A (2006). *Digital Classroom Series - Theories of Visual Design: Interactive multimedia for Department of Design and Visual Communication*, Polytechnic and Community Colleges Division, Ministry of Higher Education, Malaysia, December 2006.
- Baba, M.A (2006). *Video Production - Corporate Video for The Department of Polytechnic and Community Colleges - Ministry of Higher Education, Malaysia*, November 2006.

VIII. TEACHING EXPERIENCE

Southern Illinois University Carbondale
QEM 545 Advanced Project Management (online)

University Tun Hussein Onn Malaysia
BBE 10221 Educational Psychology
BBD 20403 Microteaching
BBD 20202 Educational Technology

Polytechnic Premier Ibrahim Sultan Malaysia
DTM 50057 Multimedia
DTM 30024 Video Production

IX. PROFESSIONAL SERVICE

A. Membership in Professional Associations:

AECT (Association for Educational Communications and Technology), International Division – Professional Development Committee, Jan 2021 - Present
QM (Quality Matters), 2020 – present.
U.S.D.L.A (United States Distance Learning Association), 2020 – present.
P.R.I.D.E (Promoting Respect through Inclusiveness and Diversity Excellence), 2020 – present.
ATE – (Association of Teacher Educators), 2019 – present.
AECT (Association for Educational Communications and Technology), Design & Development, International Division, & Distance Learning. 2016 – present.

B. Conference Paper Reviewer:

Association for Educational Communications and Technology – 2020, 2021

X. COMMUNITY SERVICE

Co-Coordinator for Professional Development Event. Association for Educational Communications and Technology, International Division – Conducting A Systematic Literature Review- A Research in Education Webinar. October 2022.
Judge for Regional Science Fair Projects. Video/Film Making, Esports, and Maker Categories. University of Illinois Extension’s Summer 4-H Youth Development Program. College of Agricultural, Consumer & Environmental Sciences, University of Illinois at Urbana Champaign, June 2021.
Facilitator for Professional Development Event. Association for Educational Communications and Technology, International Division - Innovation and the Field: Join the Conversation. June 2021.
Multimedia Coordinator and Video Producer for Nonviolent Carbondale Event - Nonviolent and Compassionate Interactions in the Community, 2020.
Facilitator for Southern Illinois University Leadership Development Program Spring Orientation and Team week, 2015 – 2018.
Project Coordinator for humanitarian aid program for tsunami victims in Aceh, Indonesia: Water treatment facility and motivational program for orphanage school in Seulemun, Aceh Besar, Indonesia, 2009.