

DR ZAINAL ARIFFIN AHMAD, FASc

Consultant , Coach (CPC) & Certified Facilitator (CF)

DR. ZAINAL ARIFFIN AHMAD is a freelance Consultant, Certified Professional Coach, and Certified Facilitator. He was inducted as a Fellow of the Academy of Sciences Malaysia (FASc) in 2017 serving the national agenda for promoting IR 4.0 in science, technology and innovation (STI). He has presented keynote address at international conferences and an active researcher involved in 36 grants since 1994.



LEARNING AND DEVELOPMENT EXPERIENCE

- Trainer and Member of the Malaysian Institute of Management (MIM) since 1995.
- Trainer and Committee Member, Malaysian Institute of Human Resource Management (MIHRM) since 1995.
- Development Panel Expert, National Occupational Skills Standard (NOSS) for TVET management and development and National Competencies Standard (NCS) for Train the Trainer and Certified Facilitators under the Ministry of Human Resources 2016-2019.
- Senior Consultant, TruCAT 2016-2019.
- Vice President, L&D, Malaysian Association of Facilitators 2017-2019.

CURRENT WORK ACTIVITY

- Fellow, Academy Of Sciences Malaysia ASM.
- Certified Facilitator, Finnish Education Evaluation Centre.
- Certified Professional Coach, Teamcoach International.
- Advisor, Challenges Foundation - advocacy work on children with learning disabilities.

PREVIOUS WORK ACTIVITY

- Adjunct Professor, e-Asia University, 2016-2018.
- Professor and Deputy Dean, College Of Graduate Studies & Graduate Business School, UNITEN 2010-2015.
- Associate Professor, School Of Management & Graduate School Of Business, USM 2000-2010.
- Research Fellow, University Of New South Wales 2011.
- Member, National Science & Research Council (NSRC) 2013.
- Researcher, Centre Of Social Innovation (COSI), Universiti Teknologi Petronas 2014-2019.
- Member, Institute of Electrical and Electronics Engineers (IEEE) (until 2015).
- Lifetime member, Qualitative Research Association Malaysia (QRAM) 2011-present.
- Member, International Association Of Coaching (IAC) 2015.
- External Assessor, Wawasan Open University (2010- present) and HELP University (2019).
- Recipient, Anugerah Akademik Negara AAN (National Academic Award in Teaching) (MOHE) 2008.
- Recipient, Outstanding Educators Award 2007, Universiti Sains Malaysia 2007.

Qualification & Credentials

(Retired Professor 1 June 2015)

Doctor of Education (Ed.D.) 1994,
Northern Illinois University

M.B.A. 1989,
Northern Illinois University

B.Sc. 1987,
Northern Illinois University

AREA OF SPECIALIZATION

- Strategic Planning.
- Updating Industry 4.0 skills for the workplace.
- Designing Research Projects.



Introduction to 4IR & I4.0 for Social Entrepreneurs

INTRODUCTION

In keeping up with the Fourth Industry Revolution (4IR), social entrepreneurs (SEs) must leverage on the Industry 4.0 (I4.0) technologies outlined in the National Policy on Industry 4.0 (Industry 4.0 Policy) 2018. SEs need to work collaboratively with the manufacturing industry and utilize these technologies to operate in the gig economy given the Key Economic Growth Area in the Shared Prosperity Vision 2030. Therefore, Social Entrepreneurs need to understand the 4th IR and the technologies inherent in Industry 4.0 and how these technologies can be used to enhance their products and services.

SESSION OBJECTIVES

- To introduce the concept of fourth IR and Industry 4.0 technologies.
- To facilitate exploration of I4.0 technologies for social entrepreneurship in the gig economy.

LEARNING OUTCOMES

- Understanding of 4IR and I4.0 for social entrepreneurs.
- Leveraging I4.0 technologies in social entrepreneurship projects.

PROGRAM OUTLINE

- Overview of 4IR and I4.0 for Social Entrepreneurs (SEs).
- Workshop 1: Social Entrepreneurs in the Fourth IR.
- Workshop 2: Industry 4.0 Technologies for SEs.

