

**NAME:** MOHAMAD SHAHRUL EFFENDY BIN KOSNAN

**POSITION:** LECTURER

**DEPARTMENT/SECTION:** FAME

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**GENDER:** MALE

**NATIONALITY:** MALAYSIA

**DATE OF BIRTH:** 08/01/1985

**PLACE OF BIRTH:** SARAWAK

**MARITAL STATUS:** MARRIED

**WEBSITE:**

**ADDRESS:** NUSA DAMAI, PASIR GUDANG

**RESEARCH GATE:**

**LINKEDIN:**

**GOOGLE SCHOLAR:**

**EDUCATION / ACADEMIC QUALIFICATION:**

MASTER OF MANUFACTURING ENGINEERING (MANUFACTURING SYSTEM)

BACHELOR OF MANUFACTURING ENGINEERING (MANUFACTURING DESIGN)

DIPLOMA OF MECHANICAL ENGINEERING (MANUFACTURING)

**EMPLOYMENT (WORKING EXPERIENCE):** 2 YEARS

**EXPERTISE (RESEARCH AREA):** COMPUTATIONAL MODELING,  
MANUFACTURING SYSTEM, REVERSE ENGINEERING

**RESEARCH PROJECTS/GRANTS:**

**SUPERVISION:**

1. 2 STUDENTS FYP 2
2. 6 STUDENTS FYP 1

**LANGUAGES:** ENGLISH, MALAY

**TEACHING AND LEARNING:**

1. WELDING TECHNOLOGY
2. HVAC SYSTEM
3. STANDARD AND CERTIFICATION IN FAME
4. TECHNICAL DRAWING

**SELECTED PUBLICATIONS:**

1. Noh, M. M., Khattak, M. A., Tamin, M. N., Khan, M. S., Iqbal, N., Kosnan, M. S. E., ... & Anwar, M. (2016). Effect of Artificially Produced Pit-Like Defects on the Fatigue Life (SN Curve) of AISI 410 Stainless Steel Compressor Blades Material.
2. Kosnan, M. S. E., Ahmad, Z., Borhana, A. A., & Tamin, M. N. (2014). Finite Element Simulation of Ductile Failure Process of Spot Welded Joint under Tensile Loading. In Applied Mechanics and Materials (Vol. 660, pp. 623-627). Trans Tech Publications.
3. Johar, M., Kosnan, M. S. E., & Tamin, M. N. (2014). Cyclic Cohesive Zone Model for Simulation of Fatigue Failure Process in Adhesive Joints. In Applied Mechanics and Materials (Vol. 606, pp. 217-221). Trans Tech Publications.

**AWARDS AND RECOGNITIONS:**

1. SILVER AWARD IN INTERNATIONAL INNOVATION FESTIVAL 2014 EXPO (SMART TABLE PROJECTOR)

**PROFESSIONAL SERVICES AND PROFESSIONAL MEMBERSHIP:**

1. BEM: GE10719A

**CONSULTANCE AND COMERCIALIZATION:**

**COURSES, WORKSHOPS AND TRAININGS ATTENDED:**

1. ISO 9001 PROCESS BASED INTERNAL AUDITING
2. GRADUATE RESKILLING SCHEME PROGRAMME (ENGINEERING MAINTENANCE AND SERVICES)
3. FINITE ELEMENT METHOD SHORT COURSES FOR ENGINEERING APPLICATION