

## CURRICULUM VITAE

Name: Dr. Iskandar Shah Bin Ishak  
*CEng CMarEng MIMarEST*

Year of Birth: 1973  
Birthplace: Kedah, Malaysia

Sex: Male  
Status: Married

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### CURRENT POST HELD

- Senior Lecturer
- Programme Coordinator for Master of Science (Aeronautical Engineering), School of Mechanical Engineering, Faculty of Engineering ( 2 terms - from 1 Nov 2018 to 31 August 2022)
- Treasurer, RINA-IMarEST Malaysian Joint Branch – Southern Chapter (2 sessions - Session 2019/2020 and Session 2020/2021)

Research Alliance (**RA**): Innovative Engineering  
Research Group (**RG**): Applied Aerodynamic Research Group

### EDUCATION

- **MCE**, Malay College Kuala Kangsar (MCKK), 1990
- **B.Eng** in Mechanical Engineering (Aeronautics), Universiti Teknologi Malaysia ,1996
- **Mastère Spécialisé** (Techniques Aéronautique et Spatiales), École Nationale Supérieure de l'Aéronautique et de l'Espace (SUPAERO), France, 1998
- **PhD** in Unsteady Aerodynamic Wake of Helicopter Main-Rotor-Hub Assembly, Universiti Teknologi Malaysia, 2012

### SPECIALISATION

- Unsteady Aerodynamic
- Wind Tunnel Testing

### RESEARCH INTERESTS

- Aerodynamic Investigations
- Wind Tunnel Testing (involved in various wind tunnel tests for Academic Research and Industry Consultation Services since 2004)

### PROFESSIONAL BODY MEMBERSHIP

- Graduate Engineer, Board of Engineer (BEM), Malaysia  
BEM Registration No: 30962A (Discipline: Mechanical, Date of Registration: 15 April 1999)

- Graduate Member, Institution of Engineers (IEM), Malaysia  
IEM No. G20915 (Discipline: Mechanical, Date of Registration: 19 March 2001)
- Institute of Marine Engineering, Science & Technology (IMarEST)  
Membership No. 8068462 (Grade: Member, Date of Registration: 30 July 2018)
- CMarEng MIMarEST, Institute of Marine Engineering, Science & Technology (IMarEST), 2019
- CEng, Engineering Council UK, Registration No. 660189 (Date of Registration: 5 Feb 2019)

### **PROGRAMME EXAMINER**

- External Examiner for the Diploma Engineering Technology in Helicopter Maintenance Programme (UniKL- MIAT) for academic session 2019 - 2024.

### **THESIS EXAMINER**

- Internal Examiner for Master of Philosophy, UTM 2020

### **YEARS OF EXPERIENCE:**

- Samsung Electron Devices, N. Sembilan: 1996-97
- Universiti Teknologi Malaysia: 1997 to Present

### **SUBJECTS TAUGHT**

#### **Postgraduate Subject**

1. Helicopter System & Performance
2. Helicopter Aerodynamics

#### **Undergraduate Subjects**

- |   |                         |
|---|-------------------------|
| 1. Aircraft Design I                      | 8. Basic Aeronautics    |
| 2. Flight Mechanics                       | 9. Aviation Management  |
| 3. Flight Dynamics & Control              | 10. Aviation Economy    |
| 4. Experimental Method                    | 11. Aeronautics Lab     |
| 5. Aircraft Propulsion System             | 12. Engineering Drawing |
| 6. Introduction to Mechanical Engineering | 13. Statics             |
| 7. Dynamics                               |                         |

### **AWARDS**

- Anugerah Jasa Bakti UTM\_2019
- Compliments from Malaysia Joint Branch, RINA & IMarEST\_2019
- Naib Johan Pertandingan Cabaran Inovasi Inklusif 2018 Bagi Zon Selatan\_2018
- Certificate of Appreciation for UTM Publication Award\_2008
- Excellent Service Award, Universiti Teknologi Malaysia\_2002
- French Aeronautics & Space Industry Awards (FASIA) \_1998