

JBM Annual Report 2017

Introduction

This report summarises the JBM's activity during 2017, including visits undertaken, items discussed, decisions taken and documentation produced.

A JBM Governance

A1 JBM terms of reference (TOR)

The Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Institute of Highway Engineers (IHE), and the Chartered Institution of Highways and Transportation (CIHT) established a Joint Board of Moderators (JBM) to co-ordinate accreditation activities for educational programmes in the civil, structural, transportation and associated engineering disciplines within the built environment sector.

The JBM is licensed by the Engineering Council (EngC), the UK's regulatory body for the engineering profession, to accredit degree programmes that partially or fully satisfy the academic requirements for Engineering Technician (EngTech), Incorporated Engineer (IEng), or Chartered Engineer (CEng).

A2 [JBM Board Members](#)

Chair: Nick Russell, BSc (Hons), CEng, FIStructE, FICE, F.ASCE, MCMI
Director, Thomasons Ltd Term of office: three years (2017-2019)

The following new members were welcomed to the JBM Board's October 2017 meeting:

- Professor Rafid Alkhaddar, Liverpool John Moore's University
- Ali Bahroni-Jahromi, University of West of London
- Roger Bird, Newcastle University
- Vicki Hope, Arup
- Professor Tim Ibell, Cambridge University
- Professor Bassam Izzuddin, Imperial College London
- Robert Pragnell, Gyoury Self Partnership LLP
- Martin Roach, Capital Programmes Directorate

The following ended their terms of office with the JBM Board:

- Alan Silver, consultant
- Callum Tooth, University of West of Scotland

The term of office for JBM Board members is normally three years, but members may serve up to two consecutive three-year terms. In certain circumstances, a member may stay on the Board if their particular experience and knowledge is essential to the functioning of the Board.

- A3 Discussion Topics
- Creativity in the curricula
 - Professional qualifications policy and guidance
 - Virtual submissions
 - Potential to charge for JBM accreditation visits
 - Employer-managed further learning

A4 JBM Guidelines

A4.1 JBM Guidelines for Developing Degree Programmes (JBM117)
The Guidelines Working Group (GWG) commenced a review of the guidelines in 2015. An updated version, covering MEng, BEng (Hons) and IEng degree programmes, and incorporating the engineering in practice annexes A-H – including professionalism and ethics; site visits; and industrial influence and input – was completed at the end of 2017. The new guidelines provide information in a more user-friendly format and emphasise the JBM's commitment to the integration of the key threads across the curriculum. (Other than this, there is little change to the guidelines.) Feedback from HEIs has been actively encouraged and will be welcomed (and will be incorporated as appropriate).

A4.2 Documentation Working Group (DWG)
The DWG was established with the purpose of reviewing, updating, cross-referencing and/or archiving all JBM guidelines which relate to the preparation of accreditation submissions and visits. It held its first meeting in June 2017 and will make final recommendations to the JBM Board in June 2018.

A4.3 Further Learning
Further learning guidance material has been updated in parallel with the guidelines for developing degree programmes.

B JBM Visits and Feedback

B1.1 There were seven accreditation visits, seven review visits, and two exploratory visits in 2017. International visits were made to Universiti Teknologi Brunei, PWD Brunei, and University of West Indies.

B1.2 The JBM will visit the following HEIs in 2018:
University of Liverpool, Liverpool John Moore's University, University of Exeter, University of Bristol, Dundee University, University of Hertfordshire, University of Sheffield, Queen's University Belfast, South Devon College, City of Plymouth College, University of West of Scotland, Wolverhampton University, Glyndwr University, University of Central Lancashire, University of Southampton, Kingston University, Nottingham University, Portsmouth University, Heriot Watt University.

Joint EAB visits will be made to the University of Durham and RHME.

International visits are scheduled to Oman – a joint visit to the Middle East College (MEC) and Military Technical College (MTC); University of Liverpool Jiatong (China) campus; Nottingham University Malaysia campuses; and Heriot Watt Dubai campus.

B1.3 Feedback following Accreditation Visits

The JBM actively seeks feedback from all HEIs which have undergone an accreditation visit. HEIs visited between January 2016-2017 raised concerns relating to the ease of completion of the accreditation submission document, and the provision of student work. The JBM's DWG is currently reviewing this documentation (see A4.2).

C Programme Accreditations

C1 Summary of programme accreditations 2017:

- UK visit reports considered for CEng: 18
- International visit reports considered for CEng: 1
- Paper submissions for new programmes and reports in response to JBM recommendations: 20
- CEng approved: 57
- CEng rejected: 2
- UK visit reports considered for IEng: 7
- IEng approved: 7
- IEng rejected: 3
- Eng Tech approved: 10

C2 Summary of academic programmes accredited as meeting further learning requirements 2017:

- Further learning for CEng approved: 45
- Further learning for CEng rejected: 3
- Further learning for IEng approved: 1
- Further learning for IEng rejected: 0

D Key Areas of Interest/Emerging Topics

D1 Dissemination of good practice

The JBM is committed to disseminating good practice across HEIs offering accredited programmes.

D2 Engagement with the Engineering Council during the review of UK-SPEC and associated accreditation guidance (commenced autumn 2017).

D3 The development and review of apprenticeship standards (levels 3-6).

The JBM has expressed concerns relating to the amount of work to be undertaken in the workplace; specifically how this is to be assessed and linked back to learning outcomes.