

Faculty of Engineering & Design

Meeting: FACULTY BOARD OF STUDIES

Date and Time: Wednesday 22 April 2015 at 2.15 pm

Venue: 2 East 3.4

Present:

Prof Gary Hawley (Chair) JGH	Dean
Dr Ivan Astin	Dept of Electronic & Electrical Engineering
Dr Emma Brandon Jones	School of Management
Dr Sally Clift	Associate Dean – Graduate Studies
Dr Jos Darling	Dept of Mechanical Engineering
Dr Adrian Evans	Dept of Electronic & Electrical Engineering
Dr Mark Evernden	Dept of Arch & Civil Engineering
Mr Paul Goodstadt	Education Officer, Students' Union
Dr Andrew Heath	Associate Dean – Learning & Teaching
Dr Nigel Johnston	Dept. of Mechanical Engineering
Prof Tim Mays	Dept. of Chemical Engineering
Dr Marcelle McManus	Dept. of Mechanical Engineering
Prof Tony Miles	Dept of Mechanical Engineering
Ms Charlotte Russell	Undergraduate Rep
Dr Peter Shepherd	Dept of Electronic & Electrical Engineering
Mr David Stacey	Faculty Librarian
Professor Pete Walker	Dept of Arch & Civil Engineering
Mr Matthew Wickens	Dept of Arch & Civil Engineering
Dr Mike Wilson	Dept of Mechanical Engineering

In Attendance: Mrs Rachel Summers Faculty Assistant Registrar

Apologies: Apologies for absence were received from Dr Tom Arnot ,Ms Ruth Burdett, Dr Steve Cayzer, DrJeff Gavin, Prof Tim Ibell, Mrs Jane Phippen.

ACTION

954 APOLOGIES

Apologies as detailed above were noted.

955 MINUTES OF THE PREVIOUS MEETING (FE2014-15/110)

The unreserved minutes of the meeting of the Board of Studies held on 25 February 2015 were approved.

956 CHAIR'S BUSINESS

The Chair noted the announcement from the PVC L&T of the outcome of the recent consultation on the shape of the academic year. The current semester based

structure is to stay as it is for 2016-17 and a working group will be established to consider principles which emerged from the consultation exercise, undertake further work and the building of wider consensus across the University community in respect of potential changes for 2017/18 and beyond. Mr Goodstadt commented that there had been considerable response and feedback to the consultation exercise from the student body and that the Students' Union would be participating in the proposed working group in due course.

957 ESTABLISHMENT OF RESEARCH CENTRE (FE2014-15/112)

The Board considered the proposal from the Dept. of Mechanical Engineering for the establishment of a new research centre, the Centre for **Materials and Structures** Research (MAST). The new Centre will draw together under one banner two distinct areas of existing research capacity currently organised under the Materials Research Centre and the Composite Research Unit. The proposal had been reviewed by Faculty Research Committee (FRC minute 459 refers) and recommended for approval by the Board of Studies. Professors Chris Bowen and Richard Butler will co-direct the Centre representing materials and structures respectively. Members of the Board flagged up potential confusion over the use of 'structures' within the name of the new Centre, particularly given the Dept. of Architecture & Civil Engineering's existing MSc programme in Civil Engineering: Innovative Structural Materials. Whilst the Board noted these comments no action was suggested. The Board did however request feedback from the Centre on what, if any plans the Centre and the Dept. of Mechanical Engineering might have for the development of new PGT opportunities (e.g. new MSc programmes) which might be informed by and reflecting research strengths in this area. The Board also suggested that when publishing the Centre's profile on the web a clear statement as to the scope of the research activities which fall within the Centre should be defined and at the forefront of the Centre's web presence. The Board **APPROVED** the establishment of the Centre for Materials and Structures Research.

Dept of
Mech Eng

958 FACULTY LEARNING TEACHING & QUALITY COMMITTEE MINUTES (FE2014-15/114)

The unreserved minutes of the Faculty Learning Teaching & Quality Committee meetings held on 4 February 2015 were received and noted.

959 REPORTS FROM ASSOCIATE DEANS & DEPARTMENTS

a) Professor Walker (HoD Arch. & Civil Eng) reported that Dr Ricardo Codinhoto had recently joined the Dept. as Senior Lecturer and in due course will take over the role of Director of Studies for the MSc in Modern Building Design. Professor Walker was pleased to report that Dr John Orr had been awarded a prestigious five-year, £1.2 million Engineering and Physical Sciences Research Council (EPSRC) Early Career Fellowship entitled Concrete modelled using random elements. Dr Jun Zang recently hosted an EPSRC network meeting of the FROTH 'Fundamentals and Reliability of Offshore Structure Hydrodynamics' Project.

b) Dr Heath (Associate Dean for Learning & Teaching) reminded colleagues that withdrawal paperwork should be brought forward via DLTQCs for those units delivered to small cohorts of students (<15) . Dr Heath updated the Board on the Faculty's progress with respect to anonymous marking. There continue to be significant technical issues in terms of the electronic submission and marking of coursework as a result of the incompatibility between Moodle and SAMIS. Dr Heath

noted that Faculty Executive had recently agreed that all Departments should introduce a Director of Teaching & Learning position. The Dept. of Mechanical Engineering already has someone in this role (Dr Darling) whilst the three other Departments are in the process of appointing to the position.

c) Professor Miles (HoD Mechanical Eng.) reported that the Dept was in the process of recruiting to three lectureship positions and a senior lecturer in the area of design. Professor Miles was pleased to report that Professor Patrick Keogh had recently been awarded a £360k research grant.

d) Dr Mays (HoD Chem Eng) was pleased to report that Dr Chris Chuck, Whorrod Research Fellow in Sustainable Chemical Technologies, had been appointed to a Lecturer position in the Dept from 1 May. The Department has recently made offers of appointment in respect of two academic positions funded by Wessex Water.

e) Dr Evans (HoD Electronic & Electrical Eng) was pleased to report that Dr Min Zhang had successfully cleared the interview stage for a Royal Academy Fellowship – a final decision is awaited. Recruitment to the two positions in the field of Power Engineering is ongoing.

f) Dr Clift (Associate Dean Graduate Studies) reported that the Faculty had recently held an away day event with a focus on the PGT lifecycle and curricula with the aim of defining and delivering excellence across all aspects of provision. Some of the key ideas which emerged during the day were the importance of aligning PGT provision to existing research strengths and for new programmes to be championed by research groups. PGT programmes might then act as a bridge between teaching and research. The importance of breaking the link between co-teaching MSc students with undergraduates and the development of bespoke Masters level units was also highlighted – we need to teach to the strengths and abilities of the students recruited to MSc programmes as opposed to expecting these students to blend in with the UG cohort. The away day also looked at technology enhanced tools for learning particularly with a view to utilising them in delivering effective and efficient teaching & assessment.

In other matters Dr Clift advised the Board that PGR Student Jaspreet Kular, in the Dept. of Chemical Engineering had been announced as PG Academic Rep of the Year at the Students' Union's Annual Academic Representative Awards evening. Dr Clift also informed the Board that she would shortly be making a recruitment visit to Nigeria on behalf of the Faculty.

960 LIBRARY MATTERS

Mr Stacey thanked colleagues for their input to the bi-annual library survey, the outcomes of which will be fed back in due course. Mr Stacey reminded Departments to submit their 'wish lists' with regard to library materials and resources for the 2015/16 academic cycle.

961 STAFF STUDENT LIAISON COMMITTEES (FE2014-15/118-121)

The Board received the minutes of the following Staff Student Liaison Committee Meetings,

Dept. of Chemical Engineering 28 November 2014

Dept. of Electronic & Electrical Engineering 3 December 2014 and 4 March 2015

Dept. of Mechanical Engineering 24 February 2015

Grad School PGT SSLC 4 February 2015 and 16 March 2015

962 ANY OTHER BUSINESS

There were no items of other business and therefore the Board moved onto white FOIA business.