



CENTRE FOR INTERNATIONAL RELATIONS
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Circular178/CIA/2019

Date : 19.03.2019

CIRCULAR

One of our MoU Institutions, University of Nottingham, UK is offering “**Engineering Summer School**” for the students of Anna University from 21.07.2019 to 03.08.2019 at their university.

The summer school programme offers two cutting-edge topics:

Week 1 – Advanced Computing

Week 2 – Robotics and Dynamics

The cost per student is £2000 which includes a single study room in University catered halls of residence (with a shared bathroom between 5 people) and breakfast and evening meal. Interested undergraduate and postgraduate students can register by sending email at : eng-international@nottingham.ac.uk. Deadline for registering : 30.04.2019. The flyer is attached.

DIRECTOR

To
All Deans of campuses
All Directors and HODs (With a request to display in notice board)
PA to Registrar



University of
Nottingham

UK | CHINA | MALAYSIA

Engineering Summer School

21 July – 3 August 2019





The summer school programme offers two cutting-edge topics:

Week 1 – Advanced Computing

Week 2 – Robotics and Dynamics

Advanced Computing

Advanced Computing requires a strong understanding of the **Database**. The course begins with an introduction to databases and moves on to BIG data answering the critical questions of why BIG data? What is BIG data? How do we process BIG data? How do we implement BIG data? **HADOOP** implementation and tutorials will provide a comprehensive and practical understanding of BIG data.

Assessment:

At the end of week 1, there will be an assessment consisting of a multiple choice online exam (50% of marks) and a BIG data coding assignment (50% of marks).

Robotics and Dynamics

Advanced manufacturing, especially in the automotive industry, gave robotics a kick start and have highlighted the importance of automation. The module will introduce what robots are, why we need them and the motion control methods and different types of configuration required. It will move to more complex analysis of robot motion and direct kinematics. Finally, you will look at modelling a robot arm in Matlab.

Assessment:

At the end of week 2, there will be an assessment consisting of a multiple choice online exam (50% of marks) and a Matlab assignment on the implementation of Direct Kinematics (50% of marks).

Certificates will be presented by senior University academics in a closing ceremony on Friday 1 August.

Cultural excursions

Nottingham City Tour

See the historic landmarks with a guided tour of the lace market, castle and caves.

National Justice Museum

Visit Nottingham's oldest court and prison where public executions were conducted.

Cambridge

Visit the world-famous university, King's College Chapel and river punting. Explore the city's museums, art galleries and shops.

All trips subject to availability and may vary.

Costs and accommodation

The cost per student is £2000 which includes a single study room in University catered halls of residence (with a shared bathroom between 5 people) and breakfast and evening meal.

Costs do not include travel between your home country and the UK, visa fees, domestic travel and personal expenditure during the programme.

Enrol

Please register your interest by Tuesday 30 April via email: eng-international@nottingham.ac.uk

You will be notified if you have a place by Friday 10 May and payment is due in full by Friday 31 May 2019.