

# THE ENGINEERING INNOVATION CENTRE

## ENGINEERING ACADEMY

### CPD & VOCATIONAL TRAINING PROGRAMMES

October - November 2018 & April - May 2019

School of Engineering, University of Central Lancashire, Preston, PR1 2HE, UK.

## Programme 5: Additive Manufacturing

**Date:** October - November 2018 & April - May 2019

**Fee:** £1,000

The Engineering Academy CPD and Vocational Training Programmes focus on practical professional development to allow engineers to practice the topic area of each programme and develop their skills in the subject area. All programmes include lectures, tutorials, and an engineering project. This programme is a non-credit bearing activity.

**For further information and booking enquiries:**

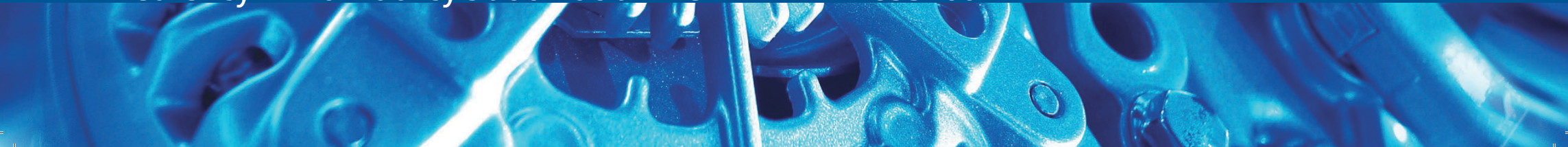
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# ENGINEERING ACADEMY PROGRAMME 5: ADDITIVE MANUFACTURING

**DATE:** OCTOBER - NOVEMBER 2018 & APRIL - MAY 2019

## PROGRAMME AIMS:

This programme introduces additive manufacturing as an emerging advanced technology, investigates its wide applications in different industrial sectors, evaluates the impacts/challenges on manufacturing, and helps getting awareness of its implementation strategies in industry. All attendees will be encouraged to join the Additive Manufacturing Mini Project Competition.

## TOPICS COVERED:

- Principles and processes of additive manufacturing
- Applications of additive manufacturing, such as in aerospace components and medical implants of complex geometrical shapes.
- Integration of additive manufacturing and rapid prototyping with product design
- Digital design and modelling of products
- Advanced materials in additive manufacturing
- A mini design-manufacture project

**FEE: £1,000** . Fee does not cover accommodation, visa, flights, insurance, food, and local travel.

