POTENTIAL

Digital Transformation and Business Intelligence Associate

Reference: 0135-23

Salary: Up to £32,000 per annum with up to £4,000 for the duration of the project for personal and professional development

Contract Type: Fixed Term (24 months)

Basis: Full Time

Job description

This is a 24-month project, which takes the form of a Knowledge Transfer Partnership (KTP) (https://www.ktp-uk.org/). The job role will provide you with practical and formal training, and is supported by experienced mentors from Craven Dunnill & Co. Ltd, Aston University and Innovate UK-KTN.

Job Purpose:

This KTP project addresses Craven Dunnill's (CD) strategic need to improve existing processes, operational efficiency, digitalization maturity and business data analyses to reduce costs, improve service and enhance sustainability.

This project will seek to align IT systems and processes to company strategy and customer requirements. Paper based and manual process will be replaced with digital solutions, automation and data analysis techniques where necessary, and, be accompanied by strategic implementation workshops. A journey of digitalization will take place in this project.

The role

This role is an exciting opportunity for a candidate to become an expert in digitalization, business intelligence and change management.

For this role you should ideally have a first degree in subjects such as production or industrial engineering, or business & computing, business analytics and may have followed this with an MSc / MBA focused on business, operations management, IT and analytics.

The KTP associate recruited for this role will review, integrate and optimise operational and strategic business processes to increase their digital maturity and exploit the benefits of digitisation through improved use of data and technology to give greater efficiency and productivity.

Main duties and responsibilities

- ▶ Make a systems analysis and review of production, warehousing and logistical operations with respect to information technology support and data analysis.
- ▶ Indentify limitations set by incumbent processes, practices and behaviours, and the current ERP system.
- ▶ Standardise, digitalize, and where possible, automate processes to ensure fit-for-growth across all business divisions
- ▶ Implement technological changes to operations to move it towards the industrial internet of things
- ▶ Scan for new technologies (e.g. digital twins) and best practices (e.g. 6 sigma) to implement
- ▶ Contribute to strategic change, process improvement and help generate a positive company culture.

Additional responsibilities

- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- ▶ Ensure and promote the personal health, safety and wellbeing of staff and students.
- ▶ Carry out duties in a way which promotes fairness in all matters and which engenders trust.
- ▶ Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

Additional benefits

- ▶ Up to £4,000 for personal and professional development for the duration of the project
- ▶ 25 days of annual leave p/a

Person specification

	Essential	Method of assessment
Education and qualifications	MSc level ideally with a first degree in either production or industrial engineering, business analytics or business & computing related subjects.	Application form
Experience	Working in a manufacturing / logistics / warehousing company and hands-on experience of digital manufacturing and modern management practices.	Application form and interview
Aptitude and skills	Willingness to achieve business improvement and apply new IoT technologies to business applications.	Application form and interview

	Desirable	Method of assessment
Education and qualifications	MSc / MBA focused on business / operations management with modules in IT and business analytics. PhD in a related technical / analytical / business area.	Application form
Experience	Technical understanding, practical experience or a willingness to: • learn new hardware • work with PLC control systems • develop data collection apps • access data and conduct data analytics • develop databases (e.g. SQL / My SQL) • do high-level programming language (e.g. Python, SQL)	Application form and interview

|	Desirable	Method of assessment
	- develop and deliver learning materials and technology - work with digital twins, virtual reality, augmented reality etc. Also: - Ability to work with experts in a change management team - Be familiar with systems analysis and systems thinking approaches - Good communicator and team player.	
Aptitude and skills	- Project management - Budget management	Application form and interview

How to apply

You can apply for this role online via our website https://www2.aston.ac.uk/staff-public/hr/jobs.

Applications should be submitted by 23.59 on the advertised closing date.
All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form then please contact the Recruitment Team via
jobs@aston.ac.uk.
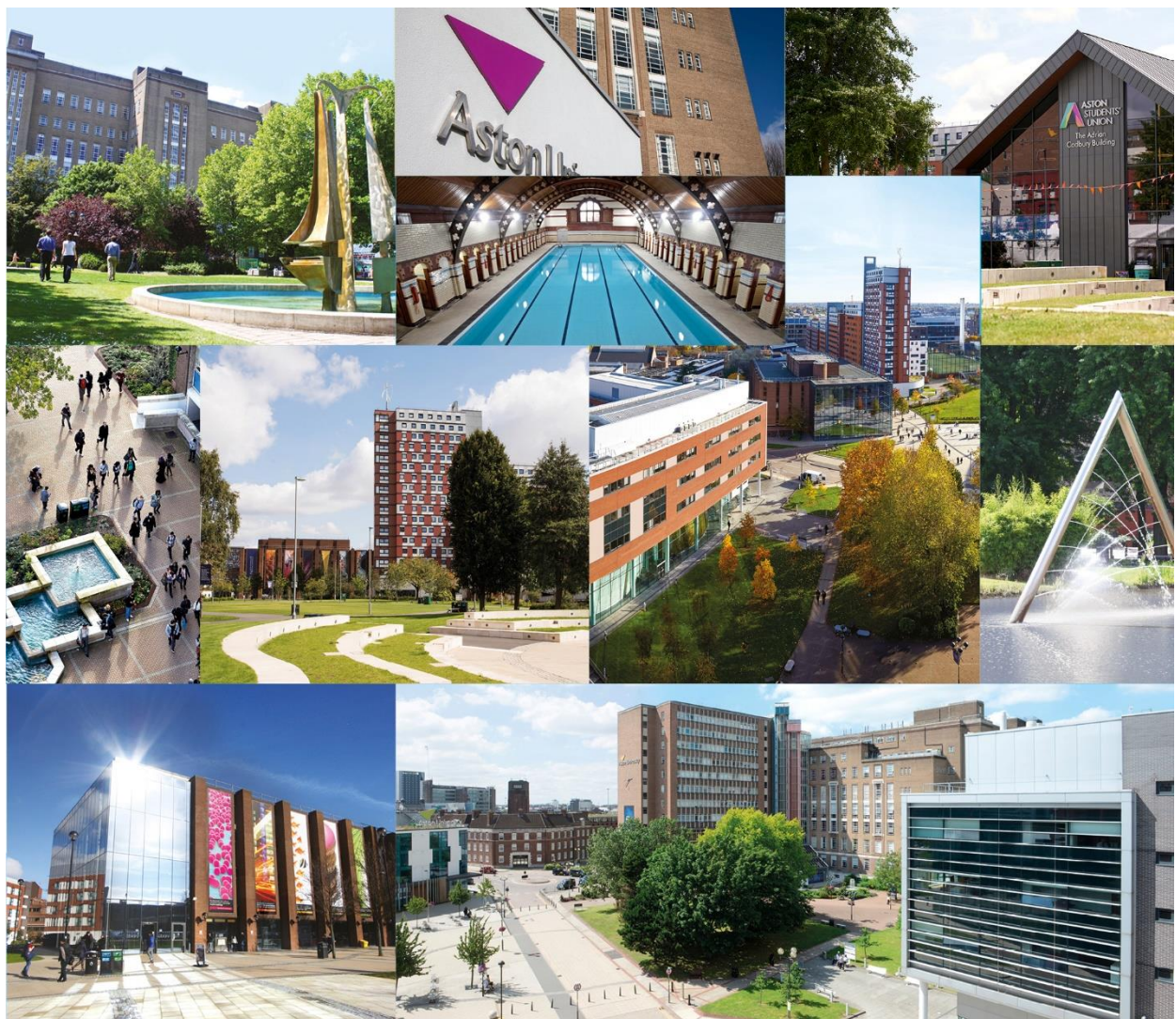
Contact information

Enquiries about the vacancy:

Name	Dr Gajanan Panchal	Professor Ben Clegg
Job Title	Lecturer	Professor of Operations Management
Email	g.panchal@aston.ac.uk	b.t.clegg@aston.ac.uk

Enquiries about the application process, shortlisting or interviews:
Recruitment Team via jobs@aston.ac.uk or 0121 204 4500.

Additional information

Visit our website https://www2.aston.ac.uk/staff-public/hr for full details of our salary scales and benefits Aston University staff enjoy

Salary scales: https://www2.aston.ac.uk/staff-public/hr/payroll-and-pensions/salary-scales/index

Benefits: https://www2.aston.ac.uk/staff-public/hr/Benefits-and-Rewards/index

Working in Birmingham: https://www2.aston.ac.uk/birmingham

Employment of Ex-Offenders: Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they applying for is listed an exception under the act.

Eligibility to work in the UK:
Post-Brexit transition period / EU Settlement Scheme
The post-Brexit transition period ended on 31 December 2020. If you are an EU/EEA citizen and you were a resident in the UK before 31 December 2020, you and your family members (including non-EU citizens need to apply to the EU Settlement Scheme to continue to live, work and study in the UK beyond 30 June 2021. The deadline for applying to the EU settlement scheme is 30 June 2021. You can apply via the Government webpage https://www.gov.uk/settled-status-eu-citizens-families
Irish Nationals do not need to apply for settlement as they retain the right to work in the UK.

New immigration system for EU/EEA and Swiss Nationals who were not resident in the UK before 31 December 2020

A new immigration system has been introduced for people arriving in the UK from EEA countries with effect from 1 January 2021. In addition to those who have always required a visa, EU citizens moving to the UK to work will need to get a visa in advance. You can find more information on the following website. Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the UKVI website https://www.gov.uk/browse/visas-immigration/work-visas. Before applying you should ensure

that you meet the requirements, including meeting the English Language requirements. If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful. If you require a visa to work in the UK the most common types of visa are:

Skilled Worker Visa
https://www.gov.uk/skilled-worker-visa

Global Talent Visa
If you are a leader or potential leader in one of the following fields you may be eligible to apply for a Global Talent Visa:

- Academia or Research
- Arts and Culture
- Digital Technology

Please click the following link for further information and to check your eligibility for this visa.
https://www.gov.uk/global-talent

Equal Opportunities: Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national and international level.

The University will endeavour not to discriminate unfairly or illegally, directly or indirectly, against student or potential students, staff or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

Data Protection: Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) ("GDPR"). The University's Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at https://www2.aston.ac.uk/data-protection. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at https://www2.aston.ac.uk/staff-public/hr/policies

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