

DRIVING GROWTH & IMPROVING PERFORMANCE THROUGH INNOVATION



CITY OF GLASGOW
COLLEGE

 **SCOTTISH
IKE**
Institute of Innovation & Knowledge Exchange



SCOTTISH INSTITUTE OF INNOVATION

The Institute of Innovation and Knowledge Exchange (IKE Institute) is the UK's professional body for innovators. We run think-tanks, conduct research studies, deliver certified training, develop new business models and provide tools to support organisations in their strategic innovation developments.

The Scottish branch of the Institute of Innovation and Knowledge Exchange (IKE) is based at City of Glasgow College. City of Glasgow College is one of the largest and most progressive colleges in the UK. The College holds the STEM Assured Standard, the Investor in Innovations® Standard and is the first organisation in the UK to hold this I3 validation, in accordance with the new ISO 56002 standard.



IKE SERVICES OFFERED THROUGH THE INSTITUTE

ACCREDITATION & CERTIFICATION

INVESTOR IN INNOVATIONS®

DIGITAL MATURITY ASSESSMENT

STEM ASSURED

CERTIFIED INNOVATION PROGRAMME

CERTIFIED INNOVATION CENTRE, HUB, LAB

MEMBERSHIP

INNOVATION COURSES WE OFFER

INNOVATION FOR PRACTITIONERS INTRODUCTION TO INNOVATION

This **ONE-DAY** course is appropriate for those from any industry who want the confidence, motivation and ability to drive and encourage innovation.

The course equips you with the tools, techniques and practices to implement and accelerate innovation, whilst also acknowledging your organisation's capacity to formulate and implement innovative strategies.



CERTIFICATE OF PROFESSIONALISM IN INNOVATION PRACTICES

This **TWO-DAY** course is appropriate for managers and decision makers from any industry who want to improve their organisation's capacity to formulate and implement innovative strategies.

The course will help you understand the interconnectedness of ecosystems that help to define "where to play" to create game-changing opportunities.

INNOVATION & STRATEGY FOR BUSINESS LEADERS PROGRAMME

This **ONE-DAY** course is aimed at Business Leaders who wish to apply innovation more strategically and systematically to improve business performance and ultimately drive growth.

This course will inform and shape the design parameters for innovation initiatives to ensure alignment with business strategy. It will support individuals in the leadership, management and governance of innovation within their organisations.



INVESTOR IN INNOVATIONS®

Innovation is considered to be the engine for business and regional growth. It is the key to improved productivity, market differentiation and ultimately profitability and prosperity. Developing innovation capability and capacity is fundamental to Scotland and the rest of the United Kingdom. It is used by Companies and Educational institutions such as City of Glasgow College to measure their innovation gaps and assess the health of their innovation portfolio.

The Investor in Innovations® helps your organisation to:

1. Benchmark your organisation's approach to innovation
2. Generate a more effective road map for your growth opportunities
3. Create a better focus on your innovation portfolio efforts
4. Drive a more flexible and collaborative culture for innovation development
5. Reconfigure and strengthen your ecosystem
6. Underpin and inform your key transformation and business improvement initiatives
7. Formulate impact scorecards for measuring your innovation performance
8. Enhance your SFR&D and achieve better leverage from open innovation interventions
9. Improve your business model
10. Create a differentiated position in your market place

The Investor in Innovations® Framework offers a 360-degree diagnostic of an organisation's innovation position through the eyes of its customers and stakeholders.

STRATEGY & ALIGNMENT

- Innovation leadership and risk appetite
- Strategic approach to innovation management

ORGANISATIONAL READINESS

- Innovation culture, governance and processes
- Enabling entrepreneurship, creativity and multi-disciplinary collaboration

CORE CAPABILITIES, TECHNOLOGIES AND IP

- Knowledge of existing capabilities, technologies and IP
- Acquisition of new capabilities, partnerships and open innovation

INDUSTRY FORESIGHT

- Horizon scanning
- Identification and exploitation of drivers, trends, enablers

CUSTOMER AWARENESS

- Marketing Dynamics
- Awareness of needs, like and behaviours

IMPACT & VALUE
• Systematic approach to measuring outcomes
• ROI
• Continual Improvement

DIGITAL MATURITY ASSESSMENT

The IKE Institute Digital Maturity Framework (DMF) describes the following Digital Maturity Levels within an organisation or a business unit. The DMF provides an accurate overall view of an organisation's digital journey towards a "Digitally Optimised State" and identifies the efforts and related smart actions that it may need to be undertaken to progress its maturity state.

DIGITAL MATURITY LEVELS

1	2	3	4	5	6	7	8	9	10
Digitally Ad-Hoc			Digitally Activated			Digitally Mature		Digitally Optimised	
Early Stages of exploring tactical approaches to Digital			Doing digital by largely using and adapting existing business models			Digital is a strategically defined and applied		Digital is embedded in the organisation's DNA	

The IKE Institute Digital Maturity Framework's applies the following 6-categories in the assessment of an organisation or a specified business unit within an organisation:

1. Digital Strategy & Alignment
2. Digital Organisational Readiness
3. Digital Enablement (Technologies, Capabilities and Processes)
4. Digital Trends and Competitive Intelligence
5. Digital Interaction Channels
6. Digital Maturity Impact and Value

1. Digital Strategy & Alignment

- Coherent digital strategy & digital business model
- Strategic digital goals and operating principles
- Barriers and risk appetite to improving digital maturity

2. Digital Organisational Readiness

- Digital leadership and digital communications
- Digital learning (culture, mindset, skills, talent.)
- Agile practices and productivity Initiatives

3. Digital Enablement (technologies, capabilities & processes)

- Digital infrastructure (flexibility & durability)
- Digital platforms that support business models & ecosystems
- Digital technologies, clustering & selection

4. Digital Trends & Competitive Intelligence

- Scanning for Competitive
- Spotting mega trends & patterns
- Data analytics and decision making

5. Digital Interaction Channels

- Customer/user insights
- Human-centered journey thinking
- Collaborations & open innovation

6. Digital Maturity Impact & Value

- Value spectrum analysis
- Continuous improvements
- Adaptive planning
- Scorecards & key performance indicator

STEM ASSURED

In the highly competitive education and training market, it is important to stand out. Launched by in 2010, STEM Assured is the **ONLY** standard that provides independent, industry-backed validation of the quality of an institution's science, technology, engineering and mathematics provision. It is an outcome based standard that provides a powerful catalyst for helping educational institutions forge new partnerships and create new revenue stream opportunities.

To achieve the STEM Assured status, education providers (schools, colleges, universities) are assessed against a robust framework that benchmarks their capability to design and deliver STEM courses that keep pace with emerging technology and the evolving needs of employers.

By achieving the STEM Assured status, an institution can demonstrate that:

- They deliver consistently high-quality STEM provision aligned with anticipated and current industry requirements.
- Their provision has a multidisciplinary context reflecting real-world needs and scenarios.
- Employability and related transferable skills are embedded into the curriculum.
- There is a commitment to continual improvement and innovation of its provision, keeping pace with rapid advances in technology and changes in the labour market.
- Provision is developed and supported through engagement with employers and key stakeholders.



CERTIFIED TRADE MARK INNOVATION CENTRE, HUB, LAB

Innovation Centre/ Hub/ Lab – a “shorthand” for presenting a designated capability or a range of capabilities that could be brought together and clustered to drive innovation effectively – are often used by organisations to focus their innovation efforts and demonstrate the value from such efforts to the organisation and its customers, users and stakeholders.

Achieving the Certified Innovation Centre, Hub or Lab status helps your organisation to gain:

- Visible recognition by a UK Professional Body aligned to International Standards;
- Validation of how robust your innovation systems, processes, culture and engagements are;
- A competitive advantage and attractiveness through differentiation of a Certified status;
- Enhanced innovation capability readiness to drive continuous improvements;
- Better ecosystem and stakeholder commitments and collaborations;
- Insights into the wider innovation Training, Development and Assessment space.

Who Can Apply For The Certification Mark?

An organisation (a company or educational institution) who operates an Innovation Centre, Hub or Lab and is able to satisfy the following two-point criteria:

- Complete and submit Your Application Form for a Certified Innovation Centre, Hub or Lab to the IKE Institute Accreditation and Certification Team (compulsory);
- Undergo the Assessment Validation by the IKE Institute Visiting Panel.

Those Organisations with an Innovation Centre, Hub or Lab who have successfully met the above criteria are deemed to have the requisite understanding and knowledge in applying innovation processes, management and systems. Thus, they are authorised to use the Certification Mark ‘IKE Institute Certified Innovation Centre, Hub or Lab’.

MEMBERSHIP

To be a recognised professional innovator, you can apply for a membership of the Institute. There are three professional membership categories reflecting the evolving skillset of innovation professionals and each conferring the use of a post-nominal: Fellow (FIKE), Member (MIKE) and Associate (AIKE).

Continuing Professional Development (CPD) refers to the process of tracking and documenting the skills, knowledge and experience that you gain both formally and informally as you work, beyond any initial training. It's a record of what you experience, learn and then apply.

Members of the Institute are encouraged to undertake a minimum of 20 hours of formal and informal CPD per annum.

Fellows (FIKE)	Members (MIKE)	Associates (AIKE)
Have experience using future trends to develop innovation strategies, bringing innovation to the market and demonstrating the value of innovation. This grade requires nomination by 2 other IKE Fellows.	Have experience identifying opportunities, developing & implementing innovation and supporting innovation within others.	Have an interest in or support the delivery of innovation.

Formal CPD	Informal CPD
Formal CPD can be any form of structured learning that has clear learning objectives and outcomes, such as a professional course, structured online training, technical authorship, learning that includes an assessment measure or self managed learning that can be assessed by an expert third party.	Informal CPD is self-managed learning that is relevant to or related to your professional role. This could include activities such as private study, on-the-job training, attendance at informal seminars or events where the focus is on knowledge sharing.

MEMBERSHIP LEVEL (Post-nominal)	FELLOW (FIKE)	MEMBER (MIKE)	ASSOCIATE (AIKE)
Belonging to and contributing to a profession driven by innovators	✓	✓	✓
Ensuring professional recognition for your work in innovation and knowledge exchange	✓	✓	✓
Lobbying and campaigning on key issues for members	✓	✓	✓
Joining the Innovation Council	✓		
Attending IKE think-tanks and events and contributing to IKE networking forums	✓	✓	✓
Joining the Editorial Board for Brite - the Innovation Journal	✓	✓	

CERTIFIED INNOVATION PROGRAMME ACCREDITATION

As the UK’s professional body for Innovators, the IKE Institute’s Certified Innovation Programme (CIP) provides a robust accreditation method that assesses, certifies and recognises an organisation’s innovation programmes and initiatives in accordance to international standards.

The IKE Institute operates two accreditation options:

1) CERTIFIED INNOVATION PROGRAMME



Organisation-wide accreditation for an in-house innovation programme/initiative

2) CERTIFIED GRADUATE DEVELOPMENT PROGRAMME



Specific accreditation on Innovation components within a graduate development scheme/programme

The choice of which accreditation option you would like to pursue should be identified at the application point to best reflect your context and need. However, the accreditation process specifications for the two options remain the same.

In addition to recognising the Innovation Programme and/or Graduate Development Programme, the successfully accredited organisation will also be recognised by the Institute as an IKE Assured® provider.



ROY GARDNER
Director of IKE Institute

Mr Gardner is the Vice Principal for Corporate Development & Innovation at City of Glasgow College, Scotland’s largest college. Established in September 2010 from the pioneering three-way merger of Glasgow’s city centre specialist colleges, Central College Glasgow, Glasgow College of Nautical Studies and Glasgow Metropolitan College, this Super College is a powerhouse for skills from Access level through to Masters covering over 1200 courses.

Mr Gardner is responsible for the Corporate Development & Innovation directorate that includes Commercial and International Business Development. Also within this

area of responsibility is Branding, Events & Design, Communications, Innovation & Applied Research and the Halls of Residence.

Prior to coming into education in 2003, he had a successful career in the private sector where he spent over 8 years in the Advertising & PR Industry. Working in both Glasgow and Edinburgh agencies, he was on the client servicing side, planning and implementing marketing and promotional campaigns for the public and private sectors.

Moving into Education was a deliberate career choice as he had worked with many educational institutions during his time as

an Account Manager in industry. Initially taking up a part time teaching post at he quickly moved into management taking up the full time post of Marketing & Business Development Manager. He has since held various managerial posts within the college becoming a permanent member of the Senior Management Team in 2008.

Internationally he has extensive experience of working with partners in Government and Private sectors in-country across the Middle East, Africa, Europe, Sub-Continent, South East Asia and the USA. His focus is now building the Colleges Innovation & Applied Research activity in line with the overall strategic plan.

Professor Medhat is Chief Executive of the Institute of Innovation and Knowledge Exchange where he helps businesses and academic institutions develop effective strategies for growth. Medhat is a Trustee of the STEM Foundation, a Visiting Professor to the University of Westminster in Innovation and Digital Transformation, a Visiting Professor to the University of Suffolk, a Visiting Professor to the University of St Mark & St John, a serial entrepreneur, a business innovator, and an inventor with patents and extensive publications and books worldwide. Medhat sits on the boards of a number of international companies and colleges. He has worked in business, education and policy and has a unique perspective on what makes an organisation really innovative.

Medhat has an established reputation for driving forward ideas and making things happen. Former roles include Vice President of a NASDAQ-quoted technology company, IBM Professor of Concurrent Engineering, Intergraph Professor of Electronic Design Automation, founding Principal & Chief Executive of the University of Dubai, Director of the Engineering and Technology Board, Governor of Activate Learning (a group of colleges in Oxfordshire and Berkshire). He holds a PhD and Master degrees in engineering and technology and is a Fellow of a number of royal chartered professional institutions in technology, management and marketing.



PROF SA'AD SAM MEDHAT
CEO of IKE Institute



www.ikeinstitute.org/

www.cityofglasgowcollege.ac.uk

0141 375 5426

Twitter: [@scottishike](https://twitter.com/scottishike)

LinkedIn: [linkedin.com/company/scottishike](https://www.linkedin.com/company/scottishike)

