

DRIVING GROWTH IMPROVING PERFORMANCE THROUGH INNOVATION

CITY OF GLASGOW
COLLEGE

SCOTTISH
IKKE[®]
Institute of Innovation & Knowledge Exchange



Scottish Institute of Innovation

The Institute of Innovation and Knowledge Exchange (IKE) is the UK's professional body for innovators. It accredits and certifies innovation practices. We influence the inter-relationship between education, business, and government through research and collaborative networks. Our Innovation Manifesto highlights our commitment to support the development of innovative people and organisations.

The Scottish branch of the Institute of Innovation and Knowledge Exchange (IKE) is hosted by City of Glasgow College. City of Glasgow College is one of the largest and most progressive colleges in the UK. The College holds the Investor in Innovations Standard and the STEM Assured Standard and has a global reputation for excellence in technical and professional education.



Certificate of Professionalism in Innovation Practices

Successful completion of this programme leads to Member status with the Institute of Innovation and Knowledge Exchange

Innovation is an integral component of driving organisational success. When implemented in an interconnected and systematic way, it delivers both economic growth and business benefit. Disruptive innovations are redefining businesses and reshaping economies. It is therefore important to understand the interconnectedness of ecosystems that help to define “where to play” to create game-changing opportunities.

Why you should attend:

- Build successful innovation programmes and interventions
- Embed a better understanding and language of innovation
- Engage in more effective challenge definition and creative problem-solving activities
- Understand how to design and manage an innovation process
- Use tools and techniques to deliver better innovation results
- Measure and evaluate innovation programmes and interventions
- Plot your innovation eco-system and its role in identifying growth opportunities

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CERTIFICATE OF PROFESSIONALISM IN INNOVATION PRACTICE

Supporting senior managers to implement innovation strategies designed to drive growth and improve productivity.

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Innovation & Strategy for Business Leaders SBL Program

Successful completion of this programme leads to Fellow status with the Institute of Innovation and Knowledge Exchange

Through the use of tools and techniques, participants will understand how to build and validate a new business model, improve organisational readiness to support innovation and create a sustainable innovation capability to drive performance excellence. The use of creativity as a catalyst for achieving high performing teams and transformational business processes will be addressed. The course will also examine the use of competitive intelligence in enabling effective decision-making to target opportunities and accelerate business model innovation.

Why you should attend:

- Build innovation into the strategy development process
- Design innovative, go-to-market strategies that drive growth
- Create more value and secure a competitive advantage
- Identify and exploit new markets that are uncontested
- Apply creative strategies to market your business offerings

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**INNOVATION STRATEGY FOR
BUSINESS LEADERS EXECUTIVE PROGRAMME**

Supporting business leaders to design and implement
innovation strategies for transformational change.

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Investors in Innovation

Investor in Innovations® is a leading-edge and integrated Standard that offers a practical way for an organisation to assess, benchmark and validate its innovation capability. It is used by companies (e.g. BAE Systems, Panasonic, Raytheon, Thales), educational institutions (e.g. City of Glasgow College, Plymouth University, South West College), and government agencies to **measure their innovation gap** and assess the **health of their innovation portfolio**. The Investor in Innovations® Framework offers a **360-degree diagnostic** of an organisation's innovation position through the eyes of its customers and stakeholders.

Who is it suitable for?

Public and private sector organisations large or small.

Benefits

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

STRATEGY & ALIGNMENT

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

ORGANISATIONAL READINESS

- Innovation culture, governance and processes
- Enabling entrepreneurship, creativity and multi-disciplinarily 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

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

Thus, recognising your organisation as one that invests in innovation successfully. In addition, the IKE Institute's Certified Innovation courses offer a rich source for professional development in the innovation discipline to equip individuals, practitioners and business leaders to pursue their initiatives and future innovation assessments with confidence.





IKE Accreditation: IKE Assured

Employees' productivity and their creative problem-solving ability relies on innovation training and development to achieve competitive advantage. However, assessing the effectiveness and impact of internal innovation training programmes is variable and subjective, and often lacks external recognition. This in turn, affects employees' morale and performance, and consequently, hinders business growth.

Innovation is a professional discipline. Individuals' skills and knowledge can be developed and recognised. As the professional body for innovators, the IKE Institute has developed the Innovation Skills and Competencies Framework™ with input and guidance from the Innovation Council and many organisations worldwide.

IKE Assured® is a process of accrediting innovation skills and competencies. It acts as a barometer for assessing the innovation culture readiness. It is used by organisations such as EDF Energy, Thales, MBDA Missile Systems, University of Plymouth, London Southbank University amongst others to demonstrate the value and relevance of the innovation skills and competency development within their learning and training programmes.

IKE Assured® can be used as a key differentiator to attract and retain employees. It also signals to employees and stakeholders the organisation's focus on developing a **culture of innovation**.

IKE Assured® focuses on **how the development of innovation skills and competencies are being undertaken and their impact on the organisation**. IKE Assured evaluates innovation training and development programmes using the IKE Assured Framework criteria that identifies **where and how innovation skills and practices are being developed**.

Who is it suitable for?

IKE Assured® is suitable for any public or private sector organisation wishing to demonstrate that their educational, training and professional development programmes that foster creative thinking and develop innovation skills and competencies that supports the creation of an innovation culture.

Examples of programmes include (but not limited to) the following:

- Graduate and apprenticeship development programmes
- Specific Innovation Programmes
- Collection of innovation training and learning activities

Benefits

IKE Assured® helps your organisation to develop:

- Innovation skills in people
- Better creative problem-solving skills
- Innovation talent
- Flexible and innovative culture
- A consistent innovation vocabulary
- Accredited innovation programmes (including graduate development)
- An improved employee engagement and retention status
- A professional recognition and direct full membership entry grade (with post-nominals MIKE and FIKE).

Thus, ensuring an effective and sustainable innovation capability.

Routes to Membership and Fellowship

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**
- **Associate: AIKE**

Membership criteria is outlined opposite.

CPD

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.

Membership

IKE, the Institute of Innovation and Knowledge Exchange, offers three membership grades designed to reflect the progressive skills and expertise of innovation and knowledge exchange professional

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

Informal CPD is any self-managed learning that is relevant 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.

Fellows (FIKE)

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.

Members (MIKE)

Have experience identifying opportunities, developing & implementing innovation and supporting innovation within others.

Associates (AIKE)

Have an interest in or support the delivery of innovation.

Benefits

	Membership level (Post-nominal)	Fellow (FIKE)	Member (MIKE)	Associate (AIKE)
Individual Members	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	✓		✓

To join the Scottish Institute of Innovation and Knowledge Exchange, please send us your CV. Your CV should include you should include:

Qualifications

This should include your highest and most relevant qualifications and any professional qualifications you hold.

Professional Experience

Have experience identifying opportunities, developing & implementing innovation and supporting innovation within others. Have an interest in or support the delivery of innovation.

CPD and Publications

Please give us examples of how you have kept yourself up to date through CPD (including courses, informal training, mentoring, reading and seminars) as well as any relevant publications.



Faculty Staff Sa'ad Methat

Prof Sa'ad Sam Medhat

PhD MPhil CEng FIET FCIM FCMi FRSA FIKE FIoD

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 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 NASDAQ 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.

Medhat will be supported by members of the innovation faculty in the delivery of this programme.



Faculty Staff Douglas Morrison

Douglas Morrison, Scottish IKE Institute Director.

Douglas is an experienced educator with a demonstrated history of working in the further and higher education sector. His areas of interest include STEM, innovation, construction, digital disruption, educational policy, technology enhanced learning and gender equality issues. He is currently the STEM and Innovation Lead at City of Glasgow College having previously acted as the College's Industry Academy Head for STEM. Douglas holds a Masters Degree in Educational Technology and is a Doctor of Philosophy (Ph.D.) candidate researching gender, habitus and occupational segregation in the construction industry at the University of Strathclyde. He is a Fellow of Institute for Innovation and Knowledge Exchange (FIKE), Scottish Director of the Institute of Innovation and Knowledge Exchange and co-founder of UNITE GLOBAL, a charitable organisation designing assistive aids for disabled children and victims of humanitarian disasters. Douglas is a member of the Strategic Programme Board at Glasgow City of Science and Innovation, an associate staff member at the Universities of Stirling and Dundee is a member of the Core Skills Development Team at the National Manufacturing Institute for Scotland. He also holds gender focused advisory positions at the Royal Society of Edinburgh, Scottish Funding Council and Skills Development Scotland.

Leadership in Action

How would **YOU** manage in a crisis?

This one-day leadership training course uses our immersive bridge simulators to put you and your team into the thick of a situation that will call on all your problem solving, communication, listening and teambuilding skills.

Nautical Faculty staff will set the scenario, give a full briefing, observe how your team handles the problem, and provide a full debrief afterwards.

Using elements of HELM (Human Element Leadership and Management) and NLP you will find out:

- What your team is doing well
- How your team responds to stress: does it pull together or apart?
- Where you might be able to improve communication within your team
- How you handle the unexpected
- Who might be the leaders of the future in your team

Training can run Monday to Saturday at City of Glasgow College, Riverside Campus (dates to be arranged on application).

The Leadership in Action training looks at the ways your staff communicate and work with one another to form a team dealing with a situation. The training experience will cover the following themes:

- **HUMAN ELEMENT ASSESSMENT**
- **THINKING ABOUT THINKING**
- **POLICY AND PROCEDURES**
- **EMOTIONAL INTELLIGENCE**
- **PSYCHOLOGY OF EFFECTIVE COMMUNICATIONS**
- **SIMULATOR EXERCISE**
- **DEBRIEFING**





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FIND OUT MORE www.cityofglasgowcollege.ac.uk or
tel: 0141 375 5426. Follow us on [LinkedIn@ScottishIKE](#)

