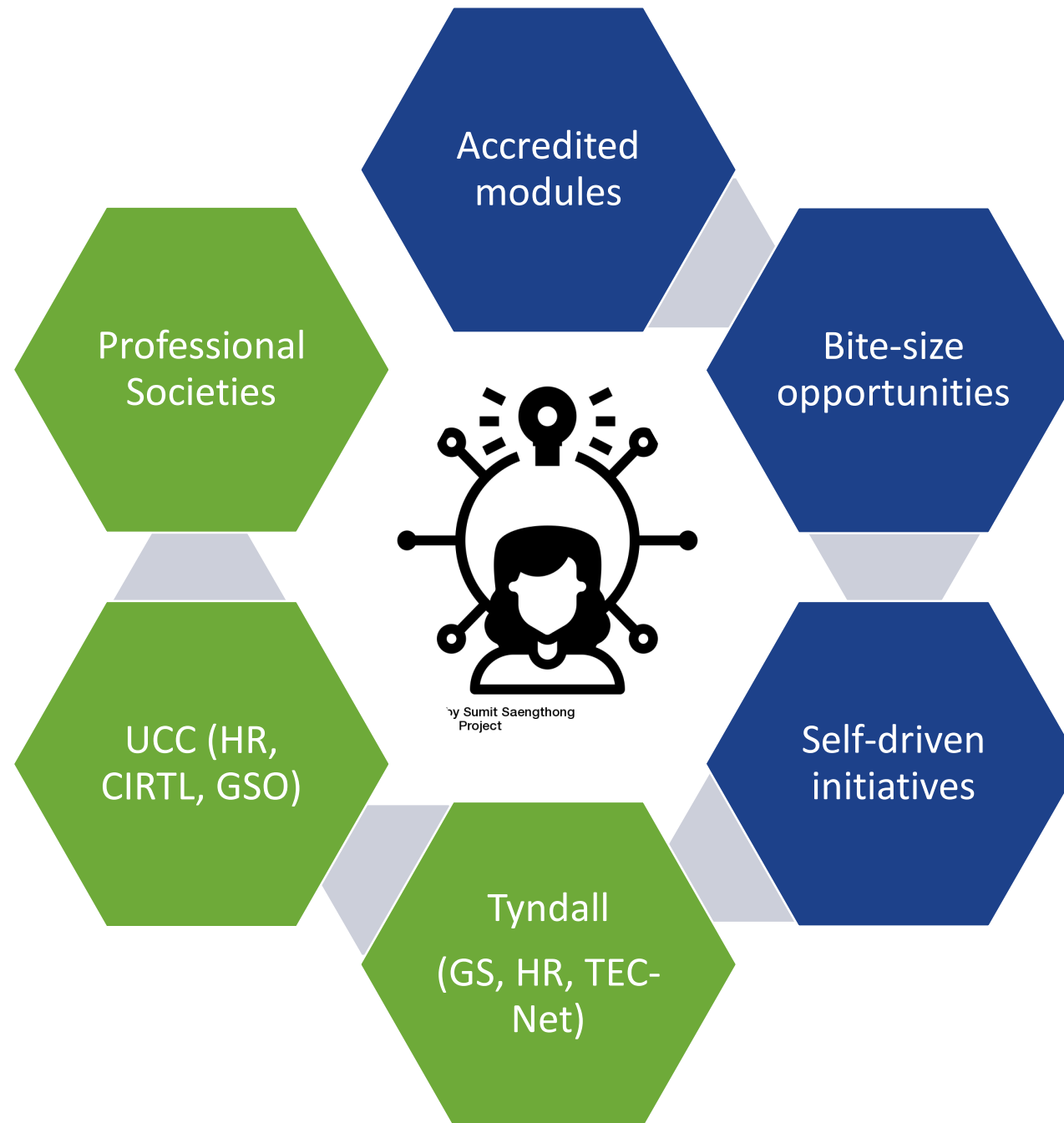


# Postgraduate Student & Supervisor Training

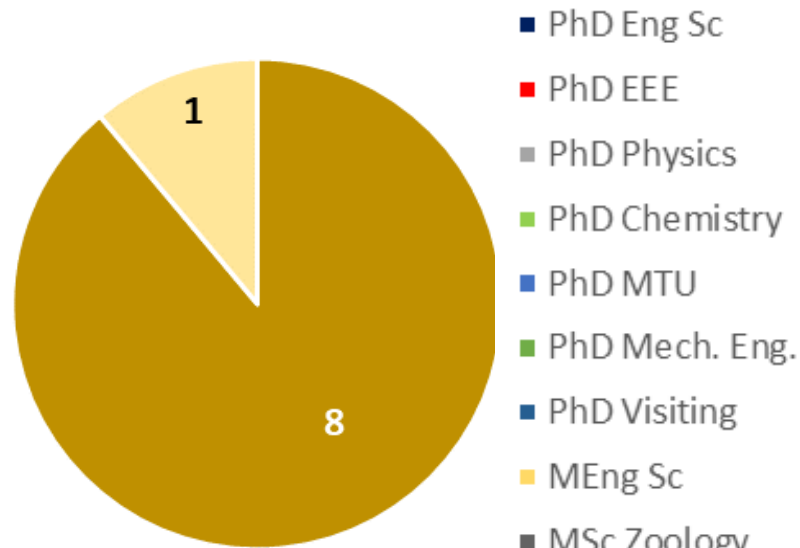
## A snapshot

Fatima Gunning & Orla Slattery

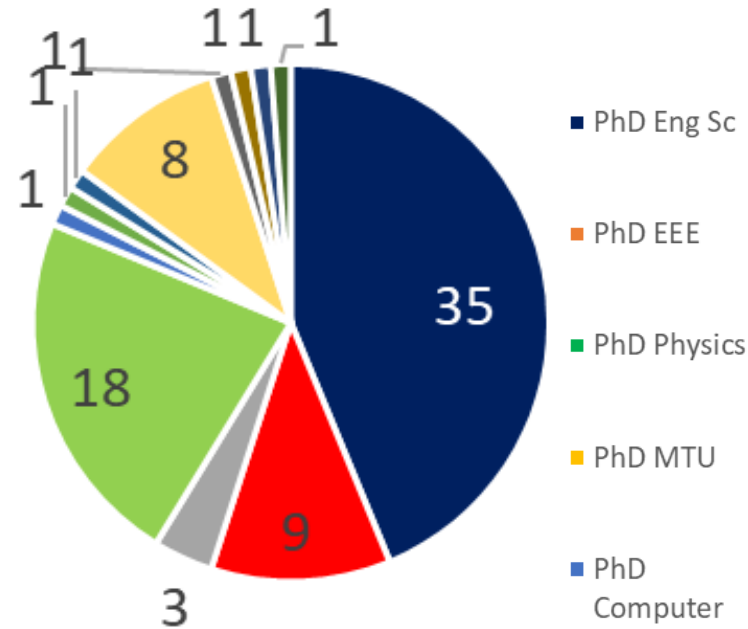
# Training



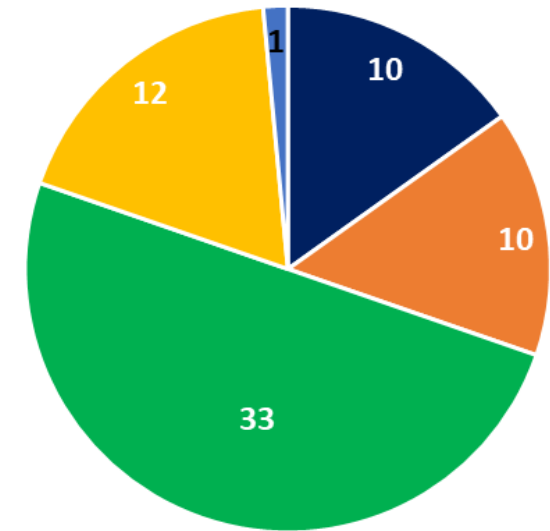
# PG Diversity



MCCI



MNS

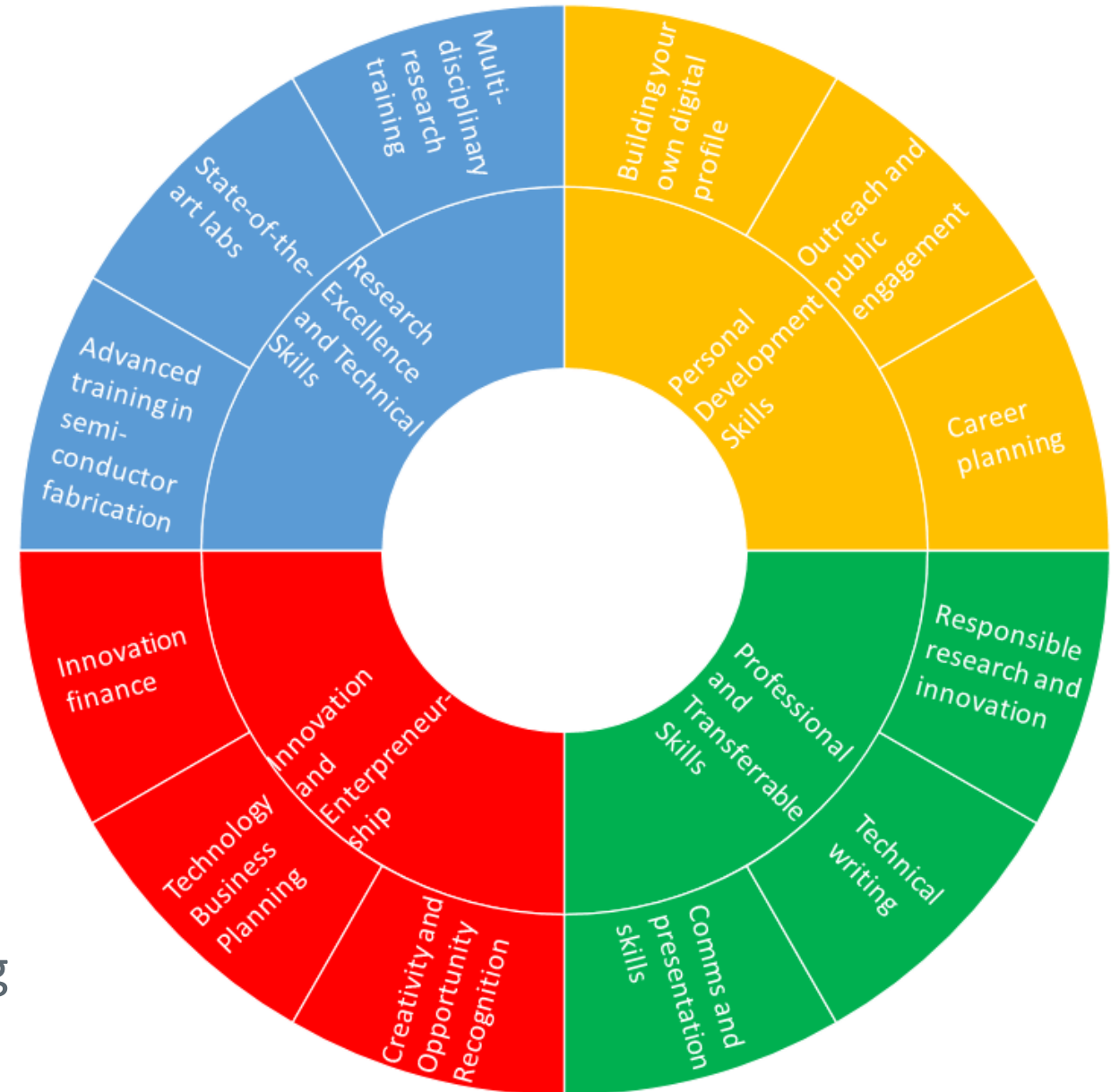


Photonics

- Tyndall's PG students are registered in a variety of programmes. Mostly in the School of Science, Engineering and Food Science (SEFS), but also other colleges.
- The breadth and diversity of projects have to be explored carefully in terms of training offerings. Levering existent modules is key.

# GS Training Rationale

- Graduate Studies focus on delivering formal training through accredited modules with UCC, and facilitate recognition of external modules.
- Each PhD in Tyndall follows a bespoke training programme, and we support our students and supervisors in finding and selecting appropriate available modules.
- We assist in the creation of new accredited modules, when demand exists.
- We liaise with HR to create bite-size training in key transferrable skills and personal development.



# Examples of accredited training for PG students



## Research Excellence and Technical Training

- SE6014 Semiconductor Growth and Fabrication Technology
- SE6020 Photonics Integrated Circuits Assembly and Packaging (new for 2021-2022!)
- PG600 STEPS - Scientific Training for Enhanced Postgraduate Studies
- PG6030 Reproducible Research Practices using R



## Personal Development Skills

- PG6029 Skills in Public Engagement of Science
- PG6025 Community-Based Participatory Research



## Innovation Commercialization and Entrepreneurship

- PG Cert: ICE Certificate
- PG6018 Business Model Innovation Management
- PG6020 Business Research Skills
- PG7014 Creativity and Innovation for Research Students



## Professional and Translational Skills

- PG6015 An Introduction to Research Integrity, Ethics and Open Science
- PG7017 Project Management for Research Students

# Certificate in Innovation, Commercialisation and Entrepreneurship

- Embedded with PhD Engineering Science – Stream 2 (<https://www.ucc.ie/en/ckj17/>)

UCC POSTGRADUATE COURSES

## Innovation, Commercialisation and Entrepreneurship

### Core Modules

Students take core modules to the value of **20** credits as follows:

- **AC6301** Innovation Finance (5 credits)
- **IS6307** Creativity and Opportunity Recognition (5 credits)
- **IS6306** Technology Business Planning (5 credits)
- **MG6705** Marketing for High Technology Entrepreneurs (5 credits)

### Elective modules

Students take 10 credits from the following:

- **AC6302** Early Stage Capital (5 credits)
- **LW6104** Intellectual Property Law for High-Tech Entrepreneurs (5 credits)
- **MG6305** People and Organisations (5 credits)
- **MG6309** Strategy (5 credits)
- **MG6704** Internationalisation and Sales (5 credits)



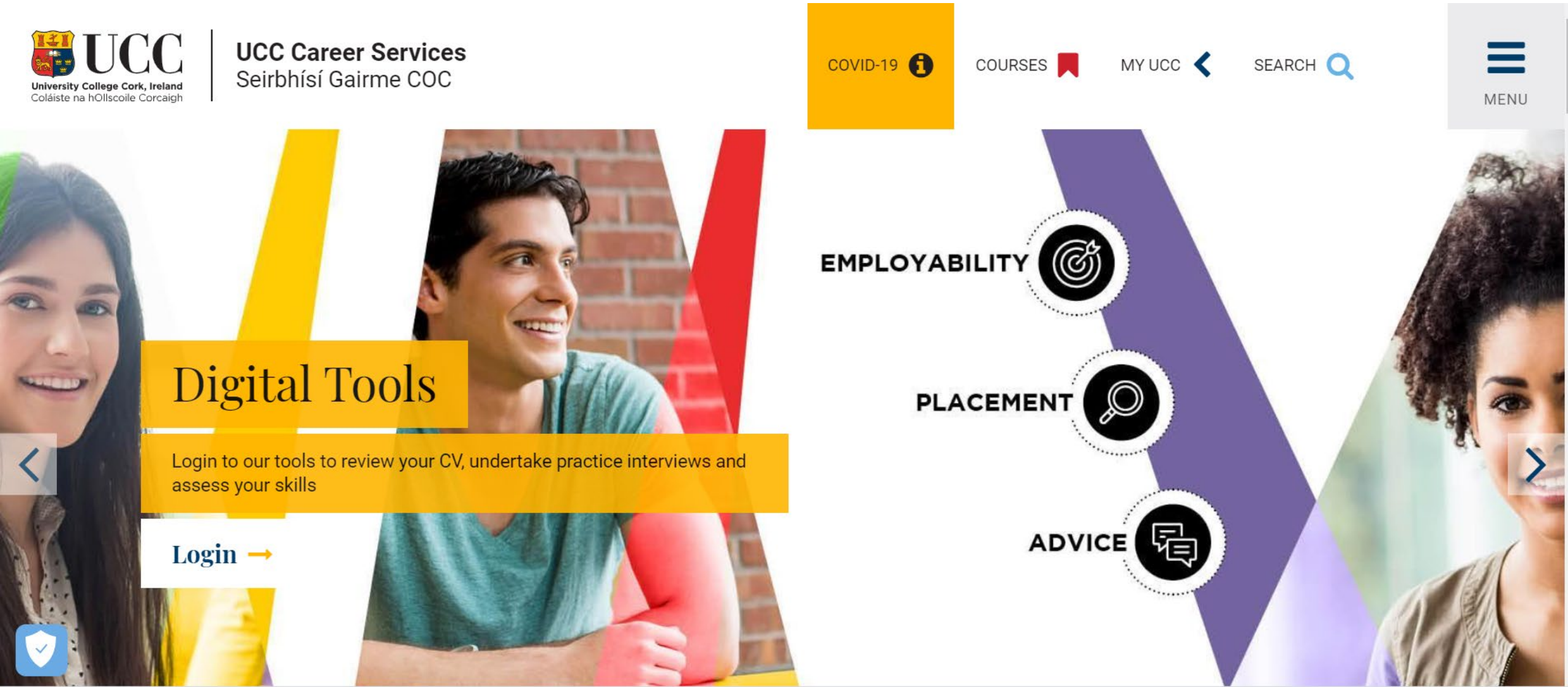
A group of diverse people, including men and women of various ethnicities, are standing in a modern office environment. They are dressed in casual business attire. The image is overlaid with a green tint and a grid pattern, suggesting a digital or technological theme. The text is centered in the upper half of the image.

## Examples on leveraging training & resources available in UCC



# UCC Careers Service for Students

- Online resources for CV writing, interview practices and so much more.



The screenshot displays the UCC Career Services website. At the top left is the UCC logo with the text 'University College Cork, Ireland' and 'Coláiste na hOllscoile Corcaigh'. Next to it is the text 'UCC Career Services' and 'Seirbhísí Gairme COC'. On the right side of the header, there is a yellow box for 'COVID-19' with an information icon, followed by links for 'COURSES', 'MY UCC', and a 'SEARCH' button. A 'MENU' button is located in the top right corner. The main content area features a large graphic with the text 'Digital Tools' in a yellow box. Below this, a yellow box contains the text 'Login to our tools to review your CV, undertake practice interviews and assess your skills'. A 'Login' button with a right-pointing arrow is positioned below the text. To the right of the 'Digital Tools' section, there is a vertical purple bar with three circular icons: a target for 'EMPLOYABILITY', a magnifying glass for 'PLACEMENT', and two speech bubbles for 'ADVICE'. The background of the page shows a collage of three smiling students.

**UCC**  
University College Cork, Ireland  
Coláiste na hOllscoile Corcaigh

**UCC Career Services**  
Seirbhísí Gairme COC

COVID-19 ⓘ

COURSES

MY UCC

SEARCH

MENU

## Digital Tools

Login to our tools to review your CV, undertake practice interviews and assess your skills

Login →

EMPLOYABILITY

PLACEMENT

ADVICE



# UCC Training for PG students (non-accredited)

- Odyssey Programme
- Hugh Kearns's Workshops for PhD students
- SurVIVAL Workshop!
- Research café
- Orientation for Incoming Research Students

[Home](#) > [Support](#) > [Human Resources](#) > [Research](#) > The Odyssey Programme UCC

SAVE TO  
FAVOURITES



SHARE



## The Odyssey Programme UCC

### The Odyssey Programme UCC

UCC has introduced a new programme to enable research staff to pursue rewarding careers beyond academia. The programme is called ***The Odyssey Programme*** as it is a career journey. The programme launched as a pilot in July 2018. Since then 156 of UCC's Researchers and PhD students have participated in the 2 day programme in transformative training.

The programme is designed to enable researchers in UCC to adapt, integrate and expand on their existing expertise to prepare for the many diverse career choices ahead of them. It also highlights the significant differences and/or advantages to the many workplace cultures that exist beyond academia. In a time of increasing career complexity, researchers must pursue professional opportunities not only in academia but also in industry, government, non-profits, and entrepreneurship. \*\*

The content of the modules are:

1. Organisational cultures beyond academia
2. What are the metrics for success in organisations beyond academia
3. The numbers - the facts about careers in academia

# Training for Supervisors (examples only)

## Sites worth checking:

[On-line sessions for PhD and Research Staff 2021 \(research\)](#)

[Tyndall HR Training](#)

[UCC Training programme for Staff \(wellbeing\)](#)

[CIRLT - Centre for Integration of Research, Teaching & Learning](#)

- Identifying your role in supporting distressed students
- Engaging with People who are Angry, Anxious or Panicked
- Project Management // Project Management Skills
- Successful Team Leader: Challenging Conversations and How to Manage Them // Leading a Research Team
- Viva workshop for supervisors (2021 recordings available)
- Postgraduate Certificate in Teaching and Learning in Higher Education
- Supervising and Working with PhD Students
- Managing work expectations of ourselves and others
- Unconscious bias

Note: Tyndall HR can also help you identify & register to those



# Summary & Conclusions

- Our rationale is to enable bespoke PG training to each student, given the diversity of background, expectations and career ambitions within our cohort of students.
- We focus on accredited modules in UCC, creating new modules to address local demand, and facilitating recognition of external modules.
- We leverage existing bite-size training available through Tyndall HR and TEC-NET, but also UCC.
- Increase visibility of available training opportunities is probably an important action to take on board.
- Research integrity training should be looked at more closely perhaps creating a 3-tier engagement. A similar approach should be taken for ICE.





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