History

The history of Cork Institute of Technology (CIT) is a long and honourable one. The Royal Cork Institution, which may be regarded as the precursor of both University College Cork and Cork Regional Technical College, was in existence as early as 1802 and received its Royal Charter in 1807. It was especially famous for its chemistry education. It amalgamated with the Royal Society for the Promotion of Fine Art in 1825 and the expanded new Royal Cork Institution acquired the Custom House in 1832.

The School of Design was established in Cork in 1850 and evolved into the Crawford Municipal School of Art, which formally came into existence at Emmet Place in 1885. The School moved to the former Crawford Municipal Technical Institute in Sharman Crawford Street in 1980 and was renamed the Crawford College of Art and Design in 1986.

The Technical Instruction Committee of Cork Corporation was established in 1901 and it proceeded to further develop technical education in Cork. In 1909 it decided to establish a Technical College which was opened in 1912 and named The Crawford Municipal Technical Institute. The institution was named after Mr A F Sharman Crawford who donated the site on the then named Fitton Street. While tracing its origins to the Royal Cork Institution, its immediate precursor was the School of Science, established in 1854, that came under the jurisdiction of the Corporation’s Technical Instruction Committee in 1901.

The new Crawford Municipal Technical Institute offered tuition in a wide variety of technical subjects. For a period in the 1920s, it participated in a degree in engineering in University College, Cork. The range of its courses grew over the years. A National University of Ireland Diploma in Chemical Technology was, with the cooperation and involvement of University College Cork, established in 1941. A course in Marine Engineering was established in 1944. In 1955 the first two-year Certificate in Industrial Science was introduced. In the 1960s various courses in Civil Engineering, Electronics, and Mechanical Engineering came into being.

In 1963 the building courses were transferred to the new School of Building at Sawmill Street from the overcrowded Institute. The Institute’s Electrical Trades Section was later located at Paul Street, Cork. Other engineering classes were conducted in the Deanery, Dean Street.

The new Cork Regional Technical College (CRTC) was established in October 1974. It incorporated The Crawford Municipal Technical Institute, the School of Building, and the Electrical Engineering extension previously housed in Paul Street. Certain business courses and staff were transferred to the new College from the City of Cork VEC’s School of Commerce at Morrison’s Island. The College was officially opened in January 1977, by the then Taoiseach, Mr Jack Lynch TD.

As a result of a national manpower review, Higher Education Institutions (HEIs) were asked to submit proposals to the Department of Education in 1978 for new degree courses which would enhance the graduate manpower skills of the Irish workforce. The CRTC under the direction of its Principal James P Roche proposed four degree courses: Chemical Engineering (Technology), Electrical and Electronic Engineering, Mechanical Engineering, and Computing. There was intense activity in the College to prepare course material for the courses and to seek accreditation from the National Council for Educational Awards. The initiative was successful and the first graduates of these courses were awarded their parchments in 1983. The courses developed much respect from stakeholders in society and industry. Subsequently, the Institution of Engineers of Ireland accredited the courses for professional membership of the Institution and admitted the graduates of these courses in Chemical Engineering (Technology), Electrical and Electronic Engineering, and in Mechanical Engineering to membership of the Institution. Separately the Institution of Chemical Engineers accredited the degree in Chemical Engineering (Technology) for corporate membership of the Institution.

The 25th International Apprentice Competitions were held in CRTC from 2 - 17 September 1979. The Competitions in thirty four craft skills were held mainly at the Bishopstown Campus and fifteen countries competed from Europe, Asia, and America. The intense preparation for the competitions took more than a year and required the preparation of technical sites to a very high specification. There were over six hundred competitors and officials on site and the quest for accommodation for these visitors in city and county hotels was a major task. Social functions were well prepared for the guests and involved many cultural activities and visits to beauty spots in the region. There was a high level of satisfaction with the presentation of Irish cultural activities. The Competitions were opened by the Minister for Education, Mr John Wilson TD and awards at the closing ceremony were presented by the Minister for Labour, Mr Gene Fitzgerald TD. The Competitions were visited by the President of Ireland Dr Patrick Hillary. The events were deemed a major international success by visitors and the Department of Education, and Ireland was third in the medals’ table. The event enhanced the international reputation of Ireland as a centre for the highest level of technical preparation and achievement.

The CRTC became a self-governing entity on 1 January 1993, having previously been an educational institution under the control of the City of Cork Vocational Education Committee. The Regional Technical Colleges Act, 1992 also provided for two other educational establishments under the control of the VEC to be established as schools of the CRTC, namely the Cork School of Music (CSM) and the Crawford College of Art and Design (CCAD).
In the period 1993 to 2003 there was a large increase in courses and student numbers at all levels in the Institute. This was due to an increase in demand for skilled graduates to take up employment in a rapidly expanding high technology economy. There was a major refurbishment of workshops and laboratories during this period, which resulted in a much improved quality of provision to students of the Institute.

On 18 December 1997 the CRTC was redesignated “Cork Institute of Technology” by Mr. Micheal Martin TD, Minister for Education and Science.

In 1998, Cork Institute of Technology (CIT) was reviewed by an international review group and as a result of their recommendations the Government empowered the Institute in 1999 to award its own Diplomas and Certificates consequent on a procedure agreed with the National Council for Educational Awards. This was the first step in the delegation of authority to make its own educational awards to CIT.

In October 2004, the National Maritime College of Ireland (NMCI) in Ringaskiddy, Co Cork accepted its first cohort of students. The Department of Nautical Studies situated at the Bishopstown Campus of CIT transferred to the Ringaskiddy facility. The NMCI is a constituent college of CIT in a partnership with the Irish Naval Service and Focus Education Ltd. The College caters for the education and training needs of the merchant navy and the non-military training requirements of the Naval Service, and provides a broad range of training services for the maritime industry. Focus Education Ltd is the private partner with responsibility for facilities management at the College.

In June 2005, the Higher Education and Training Awards Council (HETAC) delegated full award authority to the Institute for all its Taught Programmes up to and including Level 9 (Taught Masters) of the National Qualifications Authority of Ireland (NQAI).

HETAC delegated full award authority to the Institute to make awards at Level 9 (Research Masters) in various Engineering and Science disciplines in June 2005.

On 19 September 2005, HETAC delegated awarding authority to CIT to award its own PhD degrees thus completing the Levels 8, 9, and 10 awarding authority. The delegation was done with the agreement of the National Qualifications Authority of Ireland (NQAI) and applied to fields of learning where the Institute has been accredited to maintain a research register. CIT now has degree awarding powers that are comparable to universities in Ireland. Having awarding authority up to PhD level will contribute to the ongoing development of leading-edge research in Science and Engineering in CIT.

A high quality and award winning set of buildings, the Student Centre, the Administration Building and the Tourism and Hospitality Building surrounding a courtyard was completed and occupied in the period 2005-2007. These buildings greatly enhance the image and facilities of CIT.

The Rubicon Centre was built on a 2 hectare site which was purchased in 2002. Since opening its doors in January 2006, the Rubicon Centre has quickly positioned itself as a catalyst, assisting entrepreneurs to take their projects to the next stage. The Rubicon Centre’s role as an incubator is to assist the formation and growth of early stage, knowledge-intensive businesses, by providing physical space, in-house management support, access to advice, and support from Institute resources. The Centre aims to stimulate an environment of creativity and innovation with a continual focus of nurturing the growth of knowledge based business and commercial research in the South West Region.

The Minister for Education and Science signed an Order to commence the Institutes of Technology Act 2006 with effect from 1 February 2007. The new legislation brings the country’s fourteen Institutes of Technology, including the State’s largest third-level institute, the Dublin Institute of Technology, under the remit of the Higher Education Authority (HEA) for the first time. Until then, the HEA had only funding responsibility for the seven universities and certain smaller designated institutions.

The commencement of this legislation marked a historic milestone for the higher education system in Ireland. It was another major step in the development of the Institutes of Technology as hugely significant providers of higher learning opportunities from sub-degree right through to doctoral level.

The CSM was first established in 1878 in the Grand Parade, Cork and is the oldest School of Music in these islands. It had a temporary home in George’s Quay after the second World War and then moved to new premises in Union Quay in 1956. The Hardiman Report gave scope for a review of music education in CIT. After much support from the external stakeholders, institutions, citizens of Cork, and the Department of Education and Science, a beautiful building with high quality facilities was constructed under a Public Private Partnership. The Official hand over to CIT of the new CSM facility by the Public Private Partner, Hochtief took place in July 2007.

Since 2007, CIT has pursued a broad strategic project aimed at improving the Institute’s online services and presence. The initial part of this project was a redesign of the Institute’s public facing website www.cit.ie which has been completed in phases. The policy in relation to the main website is that it is primarily for individuals external to CIT. Therefore, for the most part, information which is relevant only to an internal audience does not appear on the main website. To provide online services for those inside CIT two further
projects were developed and were aimed at providing dedicated online service and communication portals for the Institute’s staff and students. Phase 1 of the staff portal project (gateway.cit.ie) was completed in September 2010 and the student portal (www.mycit.com) was put in place in September 2009 which was deployed in conjunction with the student email system.

A substantial area of land (14.175 hectares) was purchased by the Institute in the 1990s. This facilitated the development of sports facilities which included eight playing pitches, a refurbished running track and gymnasium. A new Sports Stadium was opened by the Minister for Education and Science, Mr Batt O’Keeffe TD on 26 May 2008.

The Blackrock Castle Observatory (BCO) is a collaboration between Cork City Council, CIT, and a private benefactor. It was opened to the public in November 2007 as an international award-winning Science Centre, Observatory, and riverside restaurant.

On 16 October 2009, the Minister for Education and Skills, Mr Batt O’Keeffe TD, gave approval to CIT to purchase a site and building adjacent to the Bishopstown Campus from USA Electronics firm Tyco-Sensormatic to expand its campus. The acquisition of the 7.4 acre site and building allowed CIT to accommodate all apprentice activity on its Bishopstown Campus. CIT contributed some funding from its own resources with the majority of the acquisition funded from the Capital Budget for third-level institutions. The Minister was present in the Institute to sign the Tyco Contract on 16 October 2009 with Dr Brendan J. Murphy, President, CIT, and Mr Donal Sullivan, Managing Director, Tyco-Sensormatic Electronics also in attendance.

On 17 January 2010, CIT formally took possession of the new NIMBUS Research Centre for Embedded Systems Research. Funded through the HEA Programme for Research in Third-Level Institutions (PRTLI) in 2007, the NIMBUS Research Centre is the first building nationally to be completed in the 4th cycle of PRTLI funding and reflected very successful collaboration and project management by the CIT Development Office, the architects, building contractors, and the team of researchers for whom the building was designed. In a time of financial constraint, it also reflected well on the team that the project was completed on time and within budget.

Beginning in 2005, CIT completed the transition to a module-based system of curriculum delivery by 2009. It is common that modularisation is implemented as part of wider reforms and often associated with training to specified learning objectives (frequently competence-based); participative learning; individualised training routes; and credit accumulation and transfer. This has been the case with the Modularisation project at CIT. As well as introducing a module-based system, CIT also introduced an academic year consisting of two semesters. The new system was implemented for incoming first year students in September 2007 and was extended to all years of all taught undergraduate and postgraduate programmes in September 2008. The first cohort of graduates who completed their entire honours degree programme under the new system were conferred in October 2011.

The CIT Wandesford Quay Art Gallery situated near the CIT CCAD was opened on 18 June 2010.

On 7 September 2015, the Institute purchased the city centre located building, 46 Grand Parade. The building has a gross floor area of 1,265sqm over 4 floors and is in a prominent position overlooking the South Mall, fronting the Grand Parade and bordering the River Lee. It is also adjacent to the Nano Nagle footbridge. The building houses students and staff from the CIT CCAD.

In recent years, CIT has signed Agreements with Universities and Institutions both nationally and world-wide to collaborate on academic programmes and research. The Institute has developed especially strong links with University College, Cork, University of Applied Sciences, Darmstadt, Germany, and the University of Pune, India.
Mission and Values of Cork Institute of Technology

All the activities of CIT are governed by its mission statement. The mission statement encapsulates and reflects the Institute’s core values.

Our Mission

We are proud of our distinct mission and role in the provision of higher education for the region and beyond. Our mission is:

To provide student-centred career-focused education and research for the personal, professional and intellectual development of the student and for the benefit of the broader society in the region and beyond.

Our Commitments

The Institute is committed to its role within the region and nationally. As we pursue our mission across our full range of activities, we are focused on fulfilling the following commitments which encapsulate the Institute’s priorities, ethos and values...

• CIT is a student-centred institution
• CIT delivers career-focused education and research
• CIT provides inclusive access to higher education
• CIT plays a regional, national and international role

Our Vision

As we look towards the future, we have an ambitious and challenging vision for the strategic development of CIT which is that:

CIT will be an internationally recognised centre of excellence in the provision of career-focused education which produces effective, ethical professionals capable of entrepreneurship, innovation and creativity.

Achieving our Goals

Our strategic goals are aligned with broader national goals including those outlined in the National Strategy for Higher Education to 2030.

The Strategic Management Framework

The Institute has adopted an agile and adaptive approach to strategic management and strategic planning.

Extract taken from the Institute’s Strategic Plan 2012 – 2016.
Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology
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Cork Institute of Technology

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1.1 Chairman’s Statement

On behalf of the Governing Body, I am delighted to present the Annual Report for the year 2017/18.

CIT’s focus remains on providing students with the best student-centred education in the country. CIT is dedicated to helping learners achieve their full potential and equipping students with the knowledge and experience they need to achieve a high standard of personal and professional development.

I am pleased to say that 2017/18 has been a most successful year for CIT and there has been an array of notable achievements and highlights throughout the year. CIT received the ‘Large Business of the Year’ award at the Cork Business Association’s ‘Cork Business of the Year’ Awards in 2017. The Institute also received the Best Heritage & Conservation Award at the Cork Better Building Awards in November 2017 for the renovation of No 46 Grand Parade. Cork Institute of Technology was notably successful in hosting several national and international conferences, as well as driving research and innovation throughout 2017/18.

The Institute continues to foster ties with international universities, ensuring students across varied disciplines and specialist areas have the chance to avail of unique education, research and training opportunities. During the year, CIT welcomed visitors from Endicott College, USA and the University of Da Nang, Vietnam, to strengthen ongoing collaborations.

Throughout the year, CIT students have represented the Institute nationally and internationally with their outstanding achievements. My fellow Governors and I would like to commend them and CIT’s academic staff for this.

In sport, CIT celebrated many successes across a variety of sports including powerlifting, men’s and ladies GAA, Australian football, canoeing, hockey, boxing, kickboxing and track and field. We would like to congratulate everyone involved and we wish them all the best for the coming year.

Arts and culture continue to be an inherent part of life for all at CIT. Over 180 events took place during 2017/18 at CIT dedicated arts venues and around the globe, engaging with CIT staff, students, alumni, arts industries, and the wider community. CIT continues to uphold an interest in and commitment to bolstering successful partnerships within the arts on both a national and international level.

CIT and Institute of Technology Tralee (IT Tralee) continue to work together in the journey to become the Munster Technological University (MTU). On 21 September 2017, staff and students at CIT and IT Tralee received a letter from myself and the Chair of IT Tralee’s Governing Body, Mr Lionel Alexander, outlining the commitment of both Institutes to achieving this goal. This letter was a significant milestone as we all work towards merging and achieving designation as the MTU.

I would like to take this opportunity as the Chair of the Governing Body to extend my sincere gratitude and appreciation to all management, staff and students for their outstanding and continued dedication to CIT.

Finally, I would like to thank my fellow Governors, whose contributions at Governing Body and various committees significantly drive the development of this Institute.

Bob Savage
Chairman
1.2 President’s Statement

It is a great honour to present Cork Institute of Technology’s Annual Report for the first time since taking up the role of President in September 2017. This past year, CIT has continued to thrive as an institution. We have celebrated many great successes regionally, nationally and internationally in the areas of academic excellence, research and innovation, sport, and arts and culture. As always, our focus remains on providing students with the best student-centred education in the country.

This year saw CIT receive the top prize and accolade of ‘Large Business of the Year’ from the Cork Business Association (CBA) ‘because of its economic benefits, as well as the immense social and cultural aspects it brings to the region’.

CIT was delighted to launch the 2018 I WISH programme, an initiative to inspire, encourage and motivate young female students to pursue careers in STEM. The Institute also launched its first ever Entrepreneurship Strategy and was one of the first Higher Education Institutes (HEIs) in the country to publish an organisation wide strategy focusing on entrepreneurship.

A three-day UNESCO Third International Conference on Learning Cities was held in September 2017. Cork was the first European city to host this prestigious global conference with over 500 delegates from more than 95 countries. On day three, delegates attended the National Maritime College Ireland (NMCI) and left with a very positive impression of CIT.

CIT is continuing to work diligently with the IT Tralee towards designation as the MTU. Staff and students at CIT and IT Tralee received a letter in September 2017 from the respective Chairs of each Institute’s Governing Bodies outlining the commitment of both to achieving the goal of designation as MTU. The letter highlighted a significant milestone as CIT and IT Tralee work together towards this goal. The enactment of the TU Act 2018 in March 2018 set the scene for the MTU project to proceed formally.

In sport, there were many notable successes throughout the year across ladies and men’s football, boxing, canoeing, hockey, kickboxing and track and field. CIT’s Powerlifting Club set a remarkable twenty-five national records and had two members selected for the World Championships.

Arts and culture continue to be an intrinsic part of this Institute. In December 2017, 46 Grand Parade was officially opened by Lord Mayor of Cork, Cllr Tony Fitzgerald, as part of CIT Crawford College of Art and Design’s campus. CIT won the Best Heritage and Conservation Award at the Cork Better Building Award Ceremony for the renovation of the building. In addition, 182 high quality arts and culture events took place during 2017/18 at CIT dedicated arts venues and on the International stage. These events included visual arts, music, theatre, lectures and public performances and engaged with staff, students, alumni, arts industries and the wider community.

Finally, I would like to extend thanks and sincere gratitude to all our students, staff and stakeholders, without whom the progress and development of CIT would not be possible. I would also like to take this opportunity to extend my utmost gratitude to our Governing Body and the Chair, Mr Bob Savage, for their support during the year. CIT is a better place as a result of their contributions.

Thank you all for a wonderful and successful year and I look forward to many more positive reports in the years to come.

Míle buíochas le gach éinne.

Dr Barry O’Connor
President
1.3 Equality Statement

CIT is an equal opportunities employer. It is committed to the ongoing development of policies and procedures that do not discriminate on the grounds of gender, marital status, age, disability, race, colour, religious belief, ethnic origin or sexual orientation.

It will always work towards the elimination of unfair practices and promote and develop an ethos of equality within the Institute.
1.4 Irish Language & Culture

Under the terms of the Regional Technical Colleges Act (1992), the Qualifications (Education and Training) Act (1999), and the Official Languages Act 2003 the Institute is obliged to have regard to the preservation, promotion and use of the Irish language and to the preservation and development of the national culture. There are particular responsibilities on CIT because included in its region are Gaeltacht areas. There is also a significant amount of second-level education through Irish in the region to which the Institute wishes to be responsive. In addition, the sections of the Official Languages Act which were commenced by order of the Minister for Rural, Community and Gaeltacht Affairs, impose new obligations on the Institute.

Specific examples of where the Institute is supporting the Irish Culture include the teaching of Irish Traditional Music in the Departments of String Studies, and Wind, Percussion, Voice & Drama Studies in CIT CSM. A 4-week taster session of Irish Set Dancing Classes was offered to staff.

The Irish Language is offered as an elective subject, titled ‘An Ghaeilge’ (LANG6014), in the Department of Sport, Leisure & Childhood Studies for the following courses

- Bachelor of Arts (Hons) in Early Years Education
- Bachelor of Arts (Hons) in Montessori Education
- Bachelor of Arts in Early Years Education

It is also offered as a Free Choice Module, and students from a variety of courses across the Institute have undertaken this module.

Students of the Institute also have an opportunity to join an Irish Traditional Music Society where they can interact and socialise with other students who have a similar interest in Irish Traditional Music. Regular music sessions are organised in venues in CIT CSM and in venues around the city. CIT Arts Office is particularly supportive of Irish Language and Culture activities.
1.5 About Cork Institute of Technology and its Organisation Chart

CIT operates over four main sites located both in the city and county of Cork:

Bishopstown Campus situated in the western suburbs of Cork City  
CIT Crawford College of Art & Design (CIT CCAD) situated in Cork City  
CIT Cork School of Music (CIT CSM) situated in Cork City  
National Maritime College of Ireland (NMCI) situated in Ringaskiddy, Co Cork

Bishopstown Campus
The main Campus of 35 hectares is situated in Bishopstown and includes the Faculty of Engineering & Science, Faculty of Business & Humanities, the main CIT Library, Sports Facilities and the offices of the President, the Registrar & Vice President for Academic Affairs, the Vice President for External Affairs, and the Vice President for Finance & Administration.

The Rubicon Centre and the NIMBUS Research Centre are also located on this campus.

CIT Crawford College of Art & Design (CIT CCAD)
CIT CCAD comprises three Departments. The Department of Fine Art and Applied Art and the Department of Arts in Health and Education are based in the city centre – the former in the Sharman Crawford Street building; a listed building dating from the early 1900s, and the latter in the newly acquired and renovated landmark building at no. 46 Grand Parade, which also houses the MA Art and Process. The Department of Media Communications, situated on the Bishopstown Campus, is also part of the CIT CCAD.

CIT Cork School of Music (CIT CSM)
The CIT CSM traces its history back to 1878 and it is now located in a state-of-the-art facility since September 2007. It includes the departments of Keyboard Studies, Musicianship & Academic Studies, String Studies, and Wind, Percussion, Voice & Drama Studies.

National Maritime College of Ireland (NMCI)
This state-of-the-art College operating from 2004 is located in Ringaskiddy, Co. Cork and provides training and education for the Merchant Marine and the non-military needs of the Irish Naval Service (INS). NMCI Services is the commercial arm of the College.
1.5 Institute’s Organisation Chart (1 of 2)
1.5 Institute’s Organisation Chart (2 of 2)

GOVERNING BODY

Academic Council

President

Head, School of Business
- Head, Accounting & Information Systems Department
- Head, Management & Enterprise Department
- Head, Marketing & International Business Department
- Head, Organisation & Professional Development Department

Head, School of Humanities
- Head, Applied Social Studies Department
- Head, Sport, Leisure & Childhood Studies Department
- Head, Tourism & Hospitality Department

Head, CIT Crawford College of Art & Design
- Head, Media Communications Department
- Head, Arts in Health & Education Department
- Head, Fine Art & Applied Art Department

Head, School of CIT Cork School of Music
- Head, Keyboard Studies Department
- Head, Musicanship & Academic Studies Department
- Head, String Studies Department
- Head, Wind, Percussion, Voice & Drama Studies Department
1.6 Special Units & Centres operating within the Institute

The following Centres and Unit operate under the auspices of the Vice President for External Affairs

1. Blackrock Castle Observatory (BCO)

Through BCO, CIT is changing positively attitudes towards science, engineering and technology in Ireland and aims to be recognised and respected as a centre of excellence in scientific research, education and outreach. BCO provides the people of Cork and the wider region with a centre of excellence in science that fosters interest in science, engineering and technology through the medium of astronomy. BCO has an annual throughput of 100,000 visitors.

2. Rubicon Centre

The Rubicon Centre is CIT’s on-campus Incubation Centre. It is home to 50 knowledge based start-up companies at different stages of development. Some clients are at concept stage, others are completing their first customer orders, and many are already trading internationally. Since opening its doors in January 2006, the Rubicon Centre has quickly positioned itself as a catalyst for innovation and entrepreneurship in Cork. An extension to the building became operational in June 2010, increasing total incubation space to 2,100m². The Rubicon Centre’s role as an incubator is to assist the formation and growth of early stage, knowledge intensive businesses, by providing physical space, in-house management support, and access to advice and support from Institute resources. The Centre aims to stimulate an environment of creativity and innovation with a continual focus of nurturing the growth of knowledge-based business and commercial research in the South West Region.

3. Strategic Innovation Projects Unit

The Strategic Innovation Projects Unit was established to manage the CIT-led Strategic Innovation Fund (SIF) Projects Education in Employment (Cycle 1) and Roadmap for Employment-Academic Partnerships (Cycle 2). It involves a total of 9 institutes of technology (IoTs) and 2 universities as collaborating partners. The Unit also has responsibility for CIT’s involvement in a number of related SIF projects including the WIT-led Knowledge Transfer in the Curriculum, IoTI-led Flexible Learning Project, and the UL-led IDEAS project. In addition to managing the outcomes and financial aspects of the projects, the Unit is also responsible for dissemination of the project outcomes and for mainstreaming the partnership and engagement activities.

The following Centres operate under the auspices of the Head of the Faculty of Engineering & Science

1. BIO-EXPLORE Research Centre

The BIO-EXPLORE Research Centre is a multidisciplinary centre of researchers involving members from Biological Sciences, Chemistry, Applied Physics and Instrumentation, and Biomedical Engineering. The Centre for Research in Advanced Therapeut ic Engineering (CREATE) provides a multidisciplinary environment with ready access to industry and visiting researchers.

BIO-EXPLORE incorporates:

- MEDIC – the Medical Engineering Design and Innovation Centre. MEDIC is developing new instruments and approaches that will bring a number of medical product concepts to pre-commercialisation stage each year.

  MEDIC has two top-level objectives: to enhance the Biomedical Engineering & Science Applied Research capability of CIT, and develop medical technologies and products that have commercial potential. MEDIC will develop these devices and technologies to a point where they are transferable to a commercialisation entity (e.g. an existing company via licensing agreement OR a spin off campus company).

  MEDIC focuses on three research strands: SMART surgical devices (integration of microelectronics into medical devices such as orthopaedic implants); Assistive Rehabilitation (use of gait analysis to develop products and technologies to support the rehabilitation of stroke victims and/or improve the physical development for cerebral palsy children); and Therapeutic and Regenerative Medicine – focusing on orthopaedic bone grafts, neuro regenerative and antibacterial composites;

- Microbiology/virology research – concentrating on screening, isolation and testing of novel antimicrobial compounds which pose a potential threat to human health;

- Bioinformatics Research – concentrating on supporting the extraction of information from biological data banks;

- Food Research – concentrating on the control of fungal and bacterial contamination in dairy and meat products, extending shelf-life of fresh produce and the development of prebiotics;
Mass Spectrometry and Bio-Actives Research – concentrating on the isolation, characterisation and use of bio-active compounds (including herbs) in a wide range of applications. The technique of mass spectrometry, in which the researchers are world-leaders, is used for much of the investigative research. CIT researchers in this field are at the forefront of food-borne biotoxin research in Europe.

2. The Centre for Advanced Manufacturing and Management Systems (CAMMS)

CAMMS is attached to the School of Mechanical, Electrical and Process Engineering. The Centre uses the design, build, test and validate expertise of these Departments in solving problems for industry and in delivering up to date training and education. Certification available includes the Society of Manufacturing Engineers. The Centre is an Associate Member of the International Institution for Production Engineering (CIRP) and a recognised Training Provider for Continuing Professional Development (CPD) to Engineers Ireland. Tailored courses can be delivered at place of work or at CIT.

3. Cork Centre for Architectural Education (CCAE)

Established in 2006, CCAE is a joint venture between CIT and UCC. Supported by Cork City Council and the architectural profession within the region, CCAE represents a unique undertaking and a natural development of cross-institutional collaboration and partnership.

It offers jointly awarded undergraduate and postgraduate degrees (taught and research) in Architecture.

4. Centre for Advanced Photonics & Process Analysis (CAPPA)

CAPPA conducts both applied and fundamental research on photonics for applications in areas as diverse as telecommunications, medical devices, food, and pharmaceutical manufacturing. Photonics is the generation and manipulation of light, and is a key enabling technology for a wide range of topics. The CAPPA Centre includes over 20 researchers and postgraduate students, and is housed in laboratories in the CREATE research building, CIT Bishopstown Campus, and in the Tyndall National Institute as part of the CIT@Tyndall collaboration. Since 2008, it has been awarded over €10M in funding, from both exchequer and non-exchequer sources, including SFI, Enterprise Ireland, HEA, EU FP7 and industry, and has published over 70 papers in peer-reviewed journals. The EI-funded CAPPA Technology Gateway, a follow-on to the previous CAPPA Applied Research Enhancement Centre, has a specific remit to focus on industry engagement and collaborative applied research. CAPPA has had successful interactions with over 30 national and European companies, ranging from short-term consultancy for FMEA and Process Excursions to multi-year industrial and academic collaborative projects.

CAPPA is a partner in the Irish Photonic Integration Research Centre (I-PIC). This is one of seven Research Centres funded by SFI in 2013 in Ireland’s largest ever state/industry research investment, totalling €300m over 6 years. CIT was the only IoT to be funded in the call. Within the €23m I-PIC centre, CAPPA will work on projects with 5 regional companies, both Multinational Companies (MNCs) and Small and Medium Enterprises (SMEs), as well as on core research relevant to all members of the centre.

5. NIMBUS Research Centre for Research in Embedded Networked Systems

The NIMBUS Research Centre is a purpose built state of the art 1,800m² research building which forms the backbone of the Institute’s Strategic Research Cluster in Embedded Networked Systems. It is also Ireland’s only research centre devoted to this field. NIMBUS incorporates the Adaptive Wireless Systems Group, the Smart Systems Integration Group and the Technologies for Embedded Computing Centre (TEC). The TEC Centre acts as the primary industry interface with the NIMBUS Research Centre and provides a “one-stop-shop” for innovation in embedded systems for industry in the region. The NIMBUS Research Centre provides industry with the opportunity to utilise the industry laboratories and access support programmes, and is home to over 80 staff, researchers and postgraduate students.

NIMBUS researchers have primary responsibility for the operation and exploitation of the National Sustainable Building Energy Testbed which was completed in 2013 at the Bishopstown Campus. The testbed, which is unique in Ireland, is part-funded in collaboration with United Technologies Research Centre, an American multinational corporation.

NIMBUS also operates the Water Systems and Services Innovation facility, a collaboration with the Cork City and County Councils, and they also play a key role in the Mallow Systems Innovation Centre.

6. Clean Technology Centre (CTC)

The CTC, based at the Bishopstown Campus, was established in 1992 as a not-for-profit organisation, focusing on preventive approaches to environmental protection. How the CTC came into being and how it was supported is unique. In every country where a similar centre of excellence exists, they have been solely established by or in cooperation with local or national government. However, the creation of the CTC was primarily the result of the foresight of CIT and the demonstration of corporate social responsibility by industry.
The CTC is an independent body, whose mission is to advise and assist industry, government and society alike towards a more sustainable pattern of consumption and production. The integrity and reputation of CTC ensures its unbiased assessment of environmental issues. Its goal is to move consumption and production patterns towards more preventive approaches, through Cleaner Production and the use of Cleaner Technologies. Cleaner production brings economic, social, health, safety and environmental benefits. This has since been expanded to “sustainable production” which includes aspects such as corporate social responsibility.

Since its inception, CTC has become recognised as a centre of excellence in the field of environmental management and one of the leading Irish and European proponents of cleaner production and preventive approaches to environment protection. It has remained active in environmental research and consultancy, providing valuable advice and assistance to a wide range of clients, national and international. These include individual companies, sectoral groups, and umbrella industrial organisation. CTC has an industrial portfolio of over 500 companies. Other clients include local authorities, national agencies, Government Departments as well as several Directorates General of the European Commission. CTC has carried out over 140 environmental research projects with over 120 partners from more than 30 countries.

7. CREATE Centre

The Official Opening of the CREATE Centre took place on 6 June 2014. This new research building, known as CREATE (the Centre for Research in Advanced Therapeutic Engineering) is funded through the Higher Education Authority under the Programme for Research in Third-Level Institutions, Cycle 5. The CREATE Centre occupies some 1,600sqm over two stories and provides space to more than 60 researchers and their academic and business partners, at a cost of over €4m. Key partners in the project include UCC, Tyndall National Institute, Teagasc (Moorepark), and Cork University Hospital.

CREATE’s research focus is in the area of translational health research and combines the three complementary areas of biosciences, biomedical technologies and advanced bio-imaging to drive research in Advanced Therapeutic Engineering. It facilitates a more blended approach to solving real world problems specifically provided by interdisciplinary teams of scientists with specialisations in physics, chemistry, biology and biomedical engineering.

The multidisciplinary nature of this new research environment drives excellent scientific discovery, and the transfer of that discovery to new and improved applications, and to the generation of patents, licences and start-up companies in the region and nationally.

The following Centre operates under the auspices of the Head of the Faculty of Business & Humanities

1. Hincks Centre for Entrepreneurship Excellence

CIT announced the creation of its new Centre for Entrepreneurship Excellence, the Hincks Centre, on 29 January 2013. In creating Ireland’s first Centre of Entrepreneurship Excellence, CIT is extending its long-standing strong commitment to supporting the entrepreneurship drive at regional and national levels. CIT intends to address a gap in Ireland’s current ability to train and provide support to all stakeholder groups who support and nurture entrepreneurship. The Hincks Centre addresses some key gaps in current research on entrepreneurship in the Irish context and utilises these outputs to inform national policy and strategy.

The Hincks Centre is focused on three pillars of activity: training entrepreneurship support staff and entrepreneurs; research on entrepreneurship in Ireland with a view to informing national policy, and education and accreditation of entrepreneurial educators. The combination of these strands of entrepreneurial focus enable the future expansion of CIT’s activity and delivers even more added value to CIT’s stakeholders.

Immediate priorities for the Centre include a ground-breaking new programme for upskilling staff in financial institutions to optimally support entrepreneurs across both start-ups and existing SMEs. The Hincks Centre provides a novel programme dedicated to training staff in business incubators and enterprise support agencies. New research programmes characterise the success and failure factors of start-ups, in the Irish context, in key areas such as sales and funding strategy. A “Train the Trainer” programme provides for lecturers and teachers of entrepreneurship. In addition to these new initiatives and existing activities, the Centre also plans to address the key emerging areas of Intrapreneurship and Spin-ins, Social Entrepreneurship, and Entrepreneurship at second-level.

The following Unit and Centre operates under the auspices of the National Maritime College of Ireland

1. NMCI Commercial Services (NMCIS)

NMCIS is the Commercial division of the NMCI. Its goal is to achieve and deliver excellent quality service to its existing and future customer base. The services’ primary function is to promote and support all commercial activities of the College. NMCIS has produced an annual commercial schedule of professional maritime short courses, listing all the short courses scheduled for the year. It also provides specialised group courses for companies in the industry. All its clients will be trained by quality professional mariners to the highest standards.
GAC Training & Service Solutions Limited (GTSS)

- GTSS, launched on 11 February 2010, is a joint venture company between GTSS and the NMCI. It provides cost saving and innovative training solutions for the Maritime, Transport and Commodity sectors. GTSS combines GAC’s network, commercial contacts, expertise, and knowledge in global shipping, logistics and the marine industry with the superb facilities of NMCI. This partnership is focused on delivering a complete portfolio of training courses for both seafarers and shore-based shipping and commodity operations personnel. GTSS operates under the College’s Commercial Division, NMCIS and is being coordinated on the ground by the GTSS Marketing Executive under the direction of the NMCI Services Manager in partnership with the GAC Vice President of Solutions. It has its own Board of Directors with key staff from both shareholders holding seats on the Board. The NMCIS Manager holds the position of Managing Director/Company Secretary.

SEFtec NMCI Offshore Limited (SNO)

- SNO is a joint venture company between the NMCI and SEFtec Global Training Ireland Limited (SGT). Its primary role is as a vehicle to combine the offshore training expertise of SGT with the world class maritime training facilities at the NMCI in pursuit of OPITO (Offshore Petroleum Industry Training Organisation) standards and accreditation for courses for the offshore industry. SNO operates under the College’s commercial division, i.e. NMCI Commercial Services (NMCIS), and is managed on the ground by the Offshore Course Coordinator under the direction of the NMCIS Manager. It has its own Board of Directors with key staff from both shareholders holding seats on the Board. The NMCIS Manager holds the position of Managing Director of SNO, the CIT Finance Manager is Company Secretary.

2. Halpin Centre for Research and Innovation

On 27 May 2013, Mr Seán Sherlock TD, Minister of State for Research & Innovation, officially launched the Halpin Centre at the NMCI. This exciting new development further enhances the international reputation of the NMCI as a centre of maritime excellence. The launch completes the internal development of the NMCI which has three pillars of activity; Maritime Education and Training, Specialised and Bespoke courses for industry delivered through NMCI Services and now, Research and Innovation activity through the Halpin Centre for Research and Innovation.

The Centre facilitates the research inputs of both CIT and the Irish Naval Service to the overall research effort in maritime and sustainable energy. It has enjoyed early success in attracting significant European research funding with the Centre involved in ten EU funded projects. The Centre is also working with Irish SMEs and multinational companies to assist them in developing new products and services and has international collaborators in Canada and throughout the EU. Advice and support from partners in UCC who have long been involved in Marine Renewable Energy has helped the Halpin Centre to engage quickly and effectively with that sector to secure projects concerning future training needs and the use of simulation technology in that sector.
1.6 Special Units and Centres operating within the Institute and their relationship to the Institute’s Organisation Chart
1.7 Sports Facilities Development

Despite the expansion of the Institute in terms of student numbers from its opening in 1974, sports facilities, and in particular outdoor sports facilities were in short supply and consisted of a single GAA pitch, a rugby pitch and tarmac tennis courts in the mid 1990's.

To address this deficiency in sports facilities the Institute embarked on a decade long development which has transformed the Institute’s sporting assets from humble beginnings to its present situation where CIT’s outdoor sports facilities are the envy of the educational third-level sector throughout the country.

The initial phase of the sports development masterplan drawn up by Mr Michael Horgan of Horganlynch Consulting Engineers was the construction of a new rugby pitch located on the western side of the campus and adjacent to the GAA pitch. The construction of this pitch freed up the site of the old rugby pitch and a synthetic all-weather pitch was opened here in 2000. The success of the synthetic all-weather pitch which can accommodate hockey, soccer and GAA is evident by its constant use by students, staff, and external clubs and groups alike.

The next and most ambitious phase of the sports masterplan was the purchase for sports usage of approximately 8.91 hectares of land west of the Curragheen river on what was known as “Rock Farm”. Due to its proximity to the river the land was low-lying and liable to flooding and so, for a period of approximately three years a programme of filling took place to raise the general area by approximately two metres. On completion, the extensive network of ESB lines crossing the site was removed and this allowed the construction of six sand-based grass pitches for GAA, soccer and rugby. This brought the total number of grass playing pitches to nine when the athletics track infield is taken into consideration.

To service these pitches and to provide a state-of-the-art spectator venue, a covered seated stand was constructed in 2007 with a seated capacity of 1,150 along with six dressing rooms, referee’s room, medical room, gymnasium, and social area.

Along with the developments listed above, three pitches have full floodlighting to allow night matches and training, and a synthetic carpet tennis court has also been constructed. Indoor sports and training are accommodated in a large and well-equipped sports hall and fully equipped gym, centrally located on campus.

Minister for Enterprise, Trade and Innovation, Mr Batt O’Keeffe TD officially opened the New Stand at the Institute’s Sports Complex, Bishopstown on 4 June 2010.
As well as catering for the competitive athlete, the Institute places a big emphasis on participation and fun and this is reflected in the growing numbers of students who take part.

In January 2012, CIT signed an agreement with the Cork County Board which saw the Cork Senior Hurling Panel headquartered at CIT’s Bishopstown Campus. They utilise the sports and ancillary services at CIT for their training and development.

CIT has a long and successful tradition of helping to produce some of Ireland’s finest sporting talent. This is a tradition it seeks to strengthen and progress by significantly supporting the Elite Student Athlete and High-Performance Teams.

Throughout the 2017/18 academic year, CIT’s excellently prepared sports grounds and facilities played host to numerous competitions including in athletics the International Cork City Sports, the Cork National School Sports, and the annual GOAL Mile.
Record numbers took part in this year’s “Rebel Run” co-hosted by CIT Sports. CIT provided training facilities for a number of teams including the Cork Senior Hurlers, Cork Camogie, Cork Development Squad, and Cork City Soccer.

To underline its commitment to Sport, CIT annually awards Sports Scholarships to a wide range of sports for Seniors and Freshers. The Sports Scholarships range in value from €500 to €1,000. For the academic year 2017/18, the following scholarships were awarded at a presentation evening on 27 November 2017:

• 78 CIT Sports Scholarships including 30 Freshers, 4 Developmental and 44 Senior
• 12 Munster Council GAA Scholarships

Sports represented included athletics, basketball, boxing, camogie, canoe, equestrian, Gaelic Football, golf, handball, hockey, hurling, kickboxing, orienteering, racquetball, rowing, rugby, soccer, taekwondo, tennis, volleyball and wheelchair athletics. This year the guest speaker, legendary Kerry footballer Colm Cooper, performed the presentations. Both male and female athletes from 21 different sports were recipients. CIT allocates sports scholarships annually to students who display a high level of achievement and are excellent ambassadors to CIT in their chosen sport. The standard, and competition, for scholarships is exceptionally high with the scheme designed to help students reach their full potential, both in their sport and also in their academic careers.

The Institute hosted the Cork Primary Schools Sports on the Athletics Track and in the Sports Stadium and was a tremendous success for everyone in what is the largest voluntary sports event in Europe. This was the 94th year in what is a truly unique event. In 1924 the inaugural sports was held in the Mardyke with some 350 children participating. It is a landmark day in the calendar of every primary school in Cork City and County and it is an important event for CIT as the Institute gets extensive and very positive exposure in every Primary School. Approximately 5,000 primary school children competed and it is estimated a crowd in excess of 20,000 comprising parents, grandparents, siblings, neighbours and teachers were there to support them over the entire day. CIT agreed to host this large-scale event on behalf of Lúthchleasa Bhunscoileana Chorcaí.
2. Governance

Cork Institute of Technology

2.1 Membership of Governing Body
2.2 Governing Body Meetings
2.3 Governing Body Expenses
2.4 Institute Executive Board (IEB)
2.5 Institute Senior Staff
2.1 Membership of Governing Body

The composition of the Governing Body is determined by the Regional Technical Colleges Acts, 1992 and 1994. The ordinary members with the exception of the two student representatives are appointed for a period of five years.

The two student representatives are appointed for a period of one year up to 31 May 2018.

The membership of the Governing Body from 1 September 2017 is as follows:

Mr Bob Savage, Chairman (Nominee of the Minister for Education and Skills)
Dr Barry O’Connor, President, CIT (Ex Officio)

Governing Body members as per Section 4 of the 1994 Act.

Six appointed under Section 4(1)(a) and (b)
Ms Maura Fitzgibbon (Nominee of the Cork Education and Training Board (ETB))
Cllr Mary Hegarty (Nominee of the Cork ETB)
Cllr Michael Hegarty (Nominee of the Cork ETB)
Cllr Patrick Gerard Murphy (Nominee of the Cork ETB)
Mr Declan O’Leary (Nominee of the Cork ETB)
Mr Ted Owens (Nominee of the Cork ETB)

Two appointed under Section 4(1)(c)
Ms Mary Cooney (Academic Staff Nominee)
Mr Cilian Ó Súilleabháin (Academic Staff Nominee)

One appointed under Section 4(1)(d)
Mr Eoin Deane (Non-Academic Staff Nominee)

Two appointed under Section 4(1)(e)
Mr Sam Dawson (Nominee of Students’ Union) up to 31 May 2018
Ms Stephanie Kelly (Nominee of Students’ Union) up to 31 May 2018
Mr Aaron Buckley (Nominee of Students’ Union) up to 31 May 2019
Ms Aisling O’Mahony (Nominee of Students’ Union) up to 31 May 2019

One appointed under Section 4(1)(f)
Ms Ann Piggott (Nominee of the Irish Congress of Trade Unions)

Five appointed under Section 4(1)(g)
Mr Bernard Allen (Nominee of The Irish Sports Council)
Ms Emelie Fitzgibbon (Nominee of The Arts Council)
Capt. Dave Hopkins (Nominee of the Irish Chamber of Shipping)
Ms Katherine Walsh (Nominee of Engineers Ireland)
Mr John Higgins (Nominee of Cork Chamber). Mr Higgins was appointed on 24 April 2018.
2.2 Governing Body Meetings

During the period from 1 September 2017 to 31 August 2018, the Governing Body met on 8 separate occasions which included one special meeting.

They met on the following dates

- Thursday 12 October 2017
- Monday 6 November 2017 (Special meeting)
- Thursday 7 December 2017
- Thursday 1 February 2018
- Thursday 12 April 2018
- Thursday 3 May 2018
- Thursday 7 June 2018
- Thursday 5 July 2018
**Governing Body Meetings**

The Governing Body met 8 times during the 2017-2018 year and below are the schedules of attendance.

<table>
<thead>
<tr>
<th>No.</th>
<th>Governing Body Member</th>
<th>Attendance at Governing Body Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12 Oct 2017</td>
</tr>
<tr>
<td>1</td>
<td>Mr Bob Savage</td>
<td>X</td>
</tr>
<tr>
<td>2</td>
<td>Dr Barry O’Connor</td>
<td>✓</td>
</tr>
<tr>
<td>3</td>
<td>Mr Bernard Allen</td>
<td>✓</td>
</tr>
<tr>
<td>4</td>
<td>Ms Mary Cooney</td>
<td>✓</td>
</tr>
<tr>
<td>5</td>
<td>Mr Eoin Deane</td>
<td>✓</td>
</tr>
<tr>
<td>6</td>
<td>Ms Emelie Fitzgibbon</td>
<td>X</td>
</tr>
<tr>
<td>7</td>
<td>Ms Maura Fitzgibbon</td>
<td>✓</td>
</tr>
<tr>
<td>8</td>
<td>Cllr Michael Hegarty</td>
<td>X</td>
</tr>
<tr>
<td>9</td>
<td>Cllr Patrick Gerard Murphy</td>
<td>✓</td>
</tr>
<tr>
<td>10</td>
<td>Mr John Higgins (Appointed 24/4/2018)</td>
<td>✓</td>
</tr>
<tr>
<td>11</td>
<td>Capt. Dave Hopkins</td>
<td>✓</td>
</tr>
<tr>
<td>12</td>
<td>Cllr Patrick Gerard Murphy</td>
<td>✓</td>
</tr>
<tr>
<td>13</td>
<td>Mr Declan O’Leary</td>
<td>✓</td>
</tr>
<tr>
<td>14</td>
<td>Mr Cilian Ó Súilleabháin</td>
<td>✓</td>
</tr>
<tr>
<td>15</td>
<td>Mr Ted Owens</td>
<td>X</td>
</tr>
<tr>
<td>16</td>
<td>Ms Ann Piggott</td>
<td>✓</td>
</tr>
<tr>
<td>17</td>
<td>Ms Katherine Walshe</td>
<td>✓</td>
</tr>
<tr>
<td>18</td>
<td>Ms Stephanie Kelly, Student Nominee from 1/06/2017 to 31/05/2018</td>
<td>X</td>
</tr>
<tr>
<td>19</td>
<td>Mr Sam Dawson, Student Nominee from 1/06/2017 to 31/05/2018</td>
<td>✓</td>
</tr>
<tr>
<td>20</td>
<td>Ms Aisling O’Mahony, Student Nominee from 1/06/2018 to 31/05/2019</td>
<td>X</td>
</tr>
<tr>
<td>21</td>
<td>Mr Aaron Buckley, Student Nominee from 1/06/2018 to 31/05/2019</td>
<td>✓</td>
</tr>
</tbody>
</table>
2.3 Governing Body Expenses

The Institute confirms that fees and expenses paid to members of the Governing Body are in accordance with guidelines from the Department of Finance.

Schedule of Fees
Interview €300 per day
Expenses per Department of Finance

Governing Body Expenses for the academic year 2017/18 (1/9/2017 to 31/8/2018)

<table>
<thead>
<tr>
<th>Member</th>
<th>Travel Expenses</th>
<th>Interview Costs</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr Bernard Allen</td>
<td>-</td>
<td>€6,900.00</td>
<td>€6,900.00</td>
</tr>
<tr>
<td>Cllr Mary Hegarty</td>
<td>€808.93</td>
<td>€8,700.00</td>
<td>€9,508.93</td>
</tr>
<tr>
<td>Cllr Patrick Gerard Murphy</td>
<td>€428.97</td>
<td>€1,200.00</td>
<td>€1,628.97</td>
</tr>
<tr>
<td>Mr Declan O’Leary</td>
<td>-</td>
<td>€300.00</td>
<td>€300.00</td>
</tr>
<tr>
<td>Ms Katherine Walshe</td>
<td>€272.32</td>
<td>-</td>
<td>€272.32</td>
</tr>
<tr>
<td>TOTAL</td>
<td>€1,502.22</td>
<td>€17,100.00</td>
<td>€18,610.22</td>
</tr>
</tbody>
</table>
2.4 Institute Executive Board (IEB)

The Institute Executive Board is a non-statutory committee of the Institute. The role of the Institute Executive Board is to assist the President in the management of the Institute and in formulating Institute strategy and policy for approval by the Governing Body.

The composition of the Institute Executive Board is as follows:

Dr Barry O’Connor, President

Dr Orla Flynn, Vice President for External Affairs

Mr Paul Gallagher, Vice President for Finance & Administration

Mr Tadhg Leane, Head of Strategic Development

Mr Michael Loftus, Head of Faculty of Engineering & Science

Dr Áine Ní Shé, Registrar & Vice President for Academic Affairs

Mr Gerard O’Donovan, Head of Faculty of Business & Humanities

The Institute Executive Board meet on a monthly basis and at such other times as deemed necessary. It is chaired by the President or by the President’s nominee from within the Board. A recording secretary is present at all meetings to record agreed actions. Action lists from the meetings are circulated to the Governing Body and are available to staff on the staff intranet (Gateway).
2.5 Institute Senior Staff

The Cork School of Music, the Crawford College of Art & Design and the National Maritime College of Ireland are constituent schools of Cork Institute of Technology.

President

Dr Barry O’Connor, BE, MEngSc, PhD, BCL, CEng, MIIEI

Institute Executive Board

Vice President for External Affairs
Dr Orla Flynn, MSc, MA, MICS, MIDI

Vice President for Finance & Administration
Mr Paul Gallagher, MSc, FCMA

Head of Strategic Development
Mr Tadhg Leane, BA, MSc

Head of Faculty of Engineering & Science
Mr Michael Loftus, BE, MEngSc, MICS

Registrar & Vice President for Academic Affairs (Acting)
Dr Áine Ní Shé, BEd, MA, PhD, LRSM, LTCL

Head of Faculty of Business & Humanities
Mr Gerard O’Donovan, BComm, MBA, MMII, MICS

CIT MTU Project Director
Prof. Hugh McGlynn, BSc, PhD, FHEA

Other Senior Positions

Head of Strategic Student Engagement and Retention Initiative and Head of the Teaching and Learning Unit
Ms Marèse Bermingham, BComm, HDipEd, HDipGC, MIGC

Dean of Academic Quality Enhancement and Acting Dean of Graduate Studies
Dr Stephen Cassidy, BE, MEngSc, PhD, CEng, Eur Ing, MIIEI

Head of Department of Technology Enhanced Learning
Dr Gearóid Ó Súilleabháin, BA, MSc (Econ), MA, PhD

Head of the Teaching and Learning Unit and Head of Research
Prof. Dirk Pesch, Dipl.Ing, PhD, IEEE, IEI, ACM

Dr Niall Smith, BSc, PhD

Head of NIMBUS Research Centre
Prof. Dirk Pesch, Dipl.Ing, PhD, IEEE, IEI, ACM

Central Services Managers

Finance Manager
Ms Ellen Crowley, BSc, ACA, MA

Human Resources Manager
Ms Deirdre Casey, Dip HR, FCIPD, MII

Academic Administration & Student Affairs Manager
Dr Dan Collins, MED, BA, BD, PhD

Building & Estates Manager
Mr Kevin McCarthy, MSc, CEng, MIEI

IT Manager
Mr Jonathan McCarthy, BSc, MA, PostgradDip

Industry Liaison Manager
Ms Josette O’Mullane, BComm, ACMA

Librarian
Ms Jean Ricken BA, MLSI

SCHOOL OF GRADUATE STUDIES

Dean of Graduate Studies (Acting)
Dr Stephen Cassidy, BE, MEngSc, PhD, CEng, Eur Ing, MIIEI

Head of Academic Affairs
Vacant

CIT EXTENDED CAMPUS

Head
Prof. Irene Sheridan, BE, MEngSc, PhD

Academic Faculty Representative, Faculty of Engineering & Science
Mr Daithí Fallon, BE, MEngSc, CEng, MIEI, CQE

FACULTY OF ENGINEERING & SCIENCE

Head of Faculty
Mr Michael Loftus, BE, MEngSc, MICS

School of Building & Civil Engineering

Head of School
Dr Joseph Harrington, BE, MS, PhD, CEng, FIEI, EurIng, PE

Head of Department of Architecture
Ms Katherine Keane, BSc in Arch, MArch, ARIAI

Head of Department of Civil, Structural & Environmental Engineering
Mr Desmond Walsh, BE, MSc, DIC, CEng, MIIEI, MICE

Head of Department of Construction
Dr Daniel Cahill, MSc, PhD, MRICS

School of Mechanical, Electrical & Process Engineering

Head of School
Dr Matt Cotterell, BE, MED, CMfgE, MIEI, AMIMechE, PhD

Head of Department of Electrical & Electronic Engineering
Dr Joe Connell, BSc (Eng), MSc (Eng), PhD, CEng, FIEI, MIEEE
Head of Department of Mechanical, Biomedical & Manufacturing Engineering
Prof. Gerard Kelly, BE, MEngSc, PhD

Head of Department of Process, Energy & Transport Engineering
Dr Michael J. O’Mahony, BE, MEngSc, PhD, MIEI

Head of Centre of Craft Studies
Mr Michael Hourihan, BSc, Senior Trades, C & G

School of Science & Informatics
Head of School
Vacant

Head of Department of Biological Sciences
Dr Brendan O’Connell, BSc (Hons), PhD

Head of Department of Computer Science
Mr Tim Horgan, BTech, MSc

Head of Department of Mathematics (Acting)
Dr David Goulding, BSc, MSc, PhD

Head of Department of Physical Sciences (Acting)
Dr Donagh O’Mahony, BSc, PhD

NATIONAL MARITIME COLLEGE OF IRELAND
Head
Mr Cormac Gebruers, BSc, Dip. Naut Sc., AFNI, CMILT, MRIN

Head of Department of Maritime Studies
Capt. Sinéad Reen, Master Mariner

Head of NMCI Services
Mr James O’Byrne, Class 1 Certificate of Competency Motor (Chief Engineer)

FACULTY OF BUSINESS & HUMANITIES
Head of Faculty
Mr Gerard O’Donovan, BComm, MBA, MMII, MICS

School of Business
Head of School (Acting)
Vacant

Head of Department of Accounting & Information Systems (Acting)
Ms Caroline O’Reilly, BComm, MBus

Head of Department of Management & Enterprise (Acting)
Dr Breda Kenny, PhD, MBS, MMII Grad, BBS

Head of Department of Marketing & International Business
Dr Pio Fenton, BSc, PhD

Head of Department of Organisation & Professional Development
Mr Don Crowley, BBus, GDE(B), Grad. Dip IT

School of Humanities
Head of School
Prof. Margaret Linehan, BBus, MBus, PhD

Head of Department of Applied Social Studies
Mr Jim Walsh BA, HDipEd, BCL, LLB, MEMI

Head of Department of Sport, Leisure & Childhood Studies
Dr Cian O’Neill, BSc, PhD

Head of Department of Tourism & Hospitality
Dr Noel Murray, BBS, HDipEd, MBS, PhD

CIT CRAWFORD COLLEGE OF ART & DESIGN
Head of School
Ms Catherine Fehily, MA, BA

Head of Department of Arts in Health & Education (Acting)
Ms Louise Foot, MA PGCE PG Dip BA

Head of Department of Fine Art & Applied Art
Ms Trish Brennan, MA, BA

Head of Department of Media Communications
Ms Rose McGrath, MA, Dip Ed, BDes

CIT CORK SCHOOL OF MUSIC
Head of School
Ms Aiveen Kearney, MA, BMus, HDE, ATCL

Head of Department of Keyboard Studies
Dr Gabriela Mayer, DMA, MMus, BMus, Dip Berlin Hochschule

Head of Department of Musicianship & Academic Studies
Ms Maria Judge, BMus, Dip Kodály Intézet Hungary

Head of Department of String Studies
Ms Joan Scannell, MA, BMus, DipCSM, LTCL

Head of Department of Wind, Percussion, Voice & Drama Studies
Mr John O’Connor, MA, BMus, HDE, FTCL, LRSM
3. Academic & Student Affairs

3.1 Academic Council Membership
3.2 Academic Council Executive Committee Membership
3.3 Academic Council Committees
3.4 Academic Development
3.5 Approved Courses – Full-Time that operated in 2017/18
3.6 Fáilte Ireland and Craft Approved Courses that operated in 2017/18
3.7 Approved Courses – Part-Time that operated in 2017/18
3.8 Validating Authorities
3.9 External Examiners
3.10 Student Statistics
3.11 Student and Graduate Prizes & Achievements
3.12 Student Ombudsman
3.13 Access Service Report
3.1 Academic Council Membership

The current members of the Academic Council were appointed in June 2016 and will continue in office for a period of three years. The Academic Council met on eight occasions during the period 1 September 2017 to 31 August 2018 as follows:

- **Friday, 6 October 2017**
- **Wednesday, 8 November 2017**
- **Wednesday, 13 December 2017**
- **Friday, 9 February 2018**
- **Wednesday, 14 March 2018**
- **Friday, 20 April 2018**
- **Wednesday, 16 May 2018**
- **Friday, 15 June 2018**

**PRESIDENT**
Barry O’Connor

**SENIOR ACADEMIC STAFF**

- **Aiveen Kearney** Head of School, CIT CSM
- **Brendan O’Connell** Head of Department of Biological Sciences
- **Brian McGrath** Head of School of Business (Acting)
- **Breda Kenny** Head of Department of Management & Enterprise (Acting)
- **Catherine Fehily** Head of CIT CCAD
- **Catherine Murphy** Head of Department of Accounting & Information Systems (Acting)
- **Cian O’Neill** Head of Department of Sport, Leisure & Childhood Studies
- **Daithi Fallon** Academic Faculty Representative, Faculty of Engineering & Science, CIT Extended Campus
- **Daniel Cahill** Head of Department of Construction
- **David Goulding** Head of Department of Mathematics (Acting)
- **Desmond Walsh** Head of Department of Civil, Structural & Environmental Engineering
- **Dirk Pesch** Head of NIMBUS Research Centre
- **Don Crowley** Head of Department of Organisation & Professional Development
- **Gabriela Mayer** Head of Department of Keyboard Studies, CIT CSM
- **Gearoid Ó Suilleabháin** Head of Department of Technology Enhanced Learning
- **Gerard Kelly** Head of Department of Mechanical, Biomedical & Manufacturing Engineering
- **Gerard O’Donovan** Head of Faculty of Business & Humanities (Acting)
- **Donagh O’Mahony** Head of Department of Physical Sciences (Acting)
- **Hugh McGlynn** MTU Project Director
- **Irene Sheridan** Head of Extended Campus
- **Jim Walsh** Head of Department of Applied Social Studies
- **Joan Scannell** Head of Department of String Studies, CIT CSM
- **Joe Connell** Head of Department of Electrical & Electronic Engineering
- **Joe Harrington** Head of School of Building & Civil Engineering
- **John O’Connor** Head of Department of Wind, Percussion, Voice & Drama Studies, CIT CSM
- **Katherine Keane** Head of Department of Architecture
- **Louise Foott** Head of Department of Arts in Health & Education (Acting), CIT CCAD
- **Marèse Bermingham** Head of Strategic Student Engagement & Retention Initiative & Head of the Teaching and Learning Unit
- **Margaret Linehan** Head of School of Humanities
- **Maria Judge** Head of Department of Musicianship & Academic Studies, CIT CSM
- **Matt Cotterell** Head of School of Mechanical, Electrical & Process Engineering
- **Michael Hourihan** Head of Centre of Craft Studies
- **Michael J. O’Mahony** Head of Department of Process, Energy & Transport Engineering
- **Michael Loftus** Head of Faculty of Engineering & Science
- **Niall Smith** Head of Research
- **Noel Barry** Head of Academic Affairs, School of Graduate Studies
- **Noel Murray** Head of Department of Tourism & Hospitality
- **Pio Fenton** Head of Department of Marketing & International Business
- **Rose McGrath** Head of Department of Media Communications
- **Sinéad Reen** Head of Department of Maritime Studies, NMCI
Stephen Cassidy
Dean of Academic Quality Enhancement and Acting Dean of Graduate Studies

Tim Horgan
Head of Department of Computer Science

Trish Brennan
Head of Department of Fine Art & Applied Art, CIT CCAD

SENIOR EXECUTIVE

Áine Ní Shé
Registrar & Vice President for Academic Affairs (Acting)

Orla Flynn
Vice President for External Affairs

Paul Gallagher
Vice President for Finance & Administration

EX-OFFICIO STAFF

Caroline O’Reilly
Curriculum Development Facilitator

Catherine Frehill
Strategic Development Facilitator

Dan Collins
Academic Administration and Student Affairs Manager

Jean Ricken
Librarian

Eva Juhl
Institutional Review Facilitator

Stephen Cassidy
Dean of Academic Quality Enhancement and Acting Dean of Graduate Studies

Stephen Walsh
Associate Head of NMCI

Tadhg Leane
Head of Strategic Development

STUDENT REPRESENTATIVES

Aryana Collins-Jackson
Postgraduate Student Representative

Nuttawud (Zack) Nutchanat
Students’ Union Council Representative

Sam Dawson
President of CIT Students’ Union

Stephanie Kelly
Education Vice-President of CIT Students’ Union

Vacant
Representative of CIT CCAD, CIT CSM and NMCI

ELECTED ACADEMIC STAFF

Faculty of Engineering & Science

Ambrose Furey
Physical Sciences

Ann Toebes
Process, Energy & Transport Engineering

Anna-Maria Keaveney
Biological Sciences

Anne Rogers
Architecture

David Cadogan
Civil, Structural & Environmental Engineering

Donagh O’Mahony
Physical Sciences

Donna O’Shea
Computer Science

Garrett O’Sullivan
Architecture

Helen O’Shea
Biological Sciences

Hugh O’Donnell
Mechanical, Biomedical & Manufacturing Engineering

Jeremiah McCarthy
Mathematics

John Barrett
NIMBUS Research Centre

John Creagh
Computer Science

Joseph Croke
Biological Sciences

Lorraine Howard
Mechanical, Biomedical & Manufacturing Engineering

Maretta Brennan
Mathematics

Mary Moloney
Civil, Structural & Environmental Engineering

Martin Hill
Electrical & Electronic Engineering

Niamh Power
Civil, Structural & Environmental Engineering

Paul Keane
Mechanical, Biomedical & Manufacturing Engineering

Seán Lacey
Mathematics

Seán McSweeney
Computer Science

Ted McKenna
Civil, Structural & Environmental Engineering

Ted Scully
Computer Science

Vincent Ryan
Computer Science

William Doherty
Physical Sciences

Faculty of Business & Humanities

Angela Wright
Organisation & Professional Development

Ann-Marie O’Donoghue
Organisation & Professional Development

Carmel Buttmer
Accounting & Information Systems
Christopher Mamo   Applied Social Studies
Colette Murphy   Marketing & International Business
Con Burns   Sport, Leisure & Childhood Studies
Conor Kelleher   Marketing & International Business
Edward Coughlan   Sport, Leisure & Childhood Studies
Gail Cotter Buckley   Tourism & Hospitality
George Murphy   Accounting & Information Business
Róisín Lane   Applied Social Studies
Sarah Culhane   Accounting & Information Systems

CIT CCAD
Albert Walsh   Arts & Health Education
Frank O’Donovan   Media Communications

CIT CSM
Fiona Hickey   Wind, Percussion, Voice & Drama Studies
Hugh McCarthy   Musicianship & Academic Studies
Karl Rooney   Wind, Percussion, Voice & Drama Studies
Michael Joyce   Keyboard Studies

NMCI
Dermot O’Reilly   NMCI
Jane O’Keeffe   NMCI
Stephen Walsh   NMCI
3.2 Academic Council Executive Committee Membership

The composition of the Academic Council Executive Committee is:

1. The President (ex-officio)
2. The Registrar & Vice President for Academic Affairs (ex-officio)
3. The Chairpersons of the Academic Council Committees
4. Seven nominated members of the Academic Council, one of whom is a student representative

The functions of the Executive Committee are:

- To order the business of the Academic Council, including the channelling of all business items to and from the Academic Council and its Committees;
- To refer relevant matters to Committees of the Academic Council;
- To coordinate the work of the Committees of the Academic Council;
- To assist in the implementation of Academic Council decisions.

Meetings of the Academic Council Executive Committee

- Normally are held two weeks prior to and two weeks after the Academic Council meeting and at such other times deemed to be necessary;
- Quorate of at least half of the membership of the Executive Committee are present;
- Chaired by the President or by the President’s nominee from within the Executive Committee. In the absence of the President or President’s nominee, an acting Chairperson shall be appointed from within the Executive Committee by the members present;
- Recorded by the Registrar & Vice President for Academic Affairs who shall act as Secretary of the Executive Committee. In the absence of the Registrar & Vice President for Academic Affairs, an acting Secretary shall be nominated from within the Executive Committee by the members present.
3.3 Academic Council Committees

The Academic Council approved the formation of the following committees:

**Academic Planning & Review Committee**
Dr Mary Moloney (Chairperson)

**Admissions Committee**
Mr Don Crowley (Chairperson)

**Learning Resources Committee**
Ms Marése Bermingham (Chairperson)

**Regulations Committee**
Dr Maretta Brennan (Acting Chairperson)

**Research & Innovation Committee**
Dr Seán Lacey (Chairperson)

**Standing Orders Committee**
Mr Jim Walsh (Chairperson)
3.4 Academic Development

External Reviews
During the 2017/2018 academic year, the programmatic reviews for the Schools of Science and Humanities were completed. As part of this process, programmes within the Schools were categorised into coherent streams with each stream being reviewed by a panel of national and international experts drawn from academia and industry. Panel recommendations were considered and implemented over the course of the academic year.

New Programme Development
The Institute continued to develop and diversify its programme portfolio during the academic year. An honours degree in Agri-Biosciences was developed to support the Agri-Biosciences sector. This new programme shares a number of modules with existing programmes in Applied Biotechnology and Nutrition and Health Science in the Department of Biological Sciences. In response to a Government initiative in respect of cognitive apprenticeship programmes, the Institute validated a number of programmes in the area of Culinary Arts developed by a national consortia led by Letterkenny Institute of Technology (LKIT) and IT Tralee. Aligned with the Institute’s strategic vision, the Department of Marketing and International Business developed a Bachelor of Arts (Honours) in International Business with Aviation. This programme, developed in partnership with the Atlantic Flight Training Academy, allows commercial pilots, on successful attainment of their pilot’s license, to complete two further years of academic study to achieve this award. The programme is delivered online thus allowing pilots operating around the world to access this degree.

It is notable that the academic portfolio at Level 9 on the National Framework of Qualifications continues to grow with postgraduate programmes in computer science and business being validated. In line with Institute policy, a number of embedded postgraduate diploma awards were also validated as primarily exit awards for existing Masters programmes. Finally, the Institute validated a large number of special purpose awards aimed at supporting the continuous professional development of people in the region.

Undergraduate Awards
Bachelor of Arts (Honours) in Contemporary Applied Art (Ceramics, Glass, Textiles), Bachelor of Science (Honours) in Agri-Biosciences, Bachelor of Arts (Honours) in International Business with Aviation; Higher Certificate in Arts in Culinary Studies; Bachelor of Arts in Culinary Arts; and the Bachelor of Arts (Honours) in Culinary Arts

Postgraduate Awards
Postgraduate Diploma in Science in Artificial Intelligence; Master of Science in Artificial Intelligence; and the Master of Business Administration (Strategy)

Special Purpose Awards
Certificate in Enterprise Development, Certificate in Lean Six Sigma Belt for Operations & Service; Certificate in Master Black Belt in Lean Sigma, Certificate in Sales Strategy & Techniques; Certificate in Validation Science; and the Certificate in Culinary Skills

Academic Policies
During the year, the Institute developed a range of academic policies and codes. These included developing policies in relation to Mental Health, Child Protection Policy, Revocation of Awards, and Integrated Masters programmes.
3.5 Approved Courses – Full-Time that operated in 2017/18

FACULTY OF ENGINEERING & SCIENCE

SCHOOL OF BUILDING & CIVIL ENGINEERING

Department of Architecture
Level 7
Bachelor of Science in Architectural Technology – Years 1, 2 and 3
Bachelor of Science in Interior Architecture – Years 1, 2 and 3

Level 8
Bachelor of Science (Hons) in Architecture – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Architectural Technology – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Interior Architecture – Years 1, 2, 3 and 4

Level 9
Master of Architecture (Taught) – Year 5

Department of Civil, Structural & Environmental Engineering
Level 7
Bachelor of Engineering in Civil Engineering – Years 1, 2 and 3
Bachelor of Engineering in Environmental Engineering – Years 1, 2 and 3

Level 8
Bachelor of Engineering (Hons) in Structural Engineering – Years 1, 2, 3 and 4
Bachelor of Engineering (Hons) in Engineering (Common Entry) – Year 1

Level 9
Master of Engineering (Research) – Year 5
Master of Engineering in Civil Engineering (Environment and Energy) (Taught) – Year 5

Department of Construction
Level 7
Bachelor of Science in Construction – Years 1 and 2
Bachelor of Science in Construction Management – Year 3
Bachelor of Science in Quantity Surveying – Year 3

Level 8
Bachelor of Science (Hons) in Construction Management – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Quantity Surveying – Years 1, 2, 3 and 4

SCHOOL OF MECHANICAL, ELECTRICAL & PROCESS ENGINEERING

Department of Mechanical, Biomedical & Manufacturing Engineering
Level 7
Bachelor of Engineering in Biomedical Engineering – Years 1, 2 and 3
Bachelor of Engineering in Mechanical Engineering – Years 1, 2 and 3

Level 8
Bachelor of Science (Hons) in Advanced Manufacturing Technology – Year 4
Bachelor of Engineering (Hons) in Biomedical Engineering – Years 1, 2, 3 and 4
Bachelor of Engineering (Hons) in Mechanical Engineering – Years 1, 2, 3 and 4

Level 9
Master of Engineering (Research) – Year 5
Master of Engineering in Mechanical Engineering – Year 5

Level 10
Doctor of Philosophy – Year 6
Department of Process, Energy & Transport Engineering

Level 6
Higher Certificate in Science in Good Manufacturing Practice & Technology – Years 1 and 2

Level 7
Bachelor of Science in Transport Management & Technology – Years 1, 2 and 3

Level 8
Bachelor of Engineering (Hons) in Chemical & Biopharmaceutical Engineering – Years 1, 2, 3 and 4
Bachelor of Engineering (Hons) in Sustainable Energy Engineering – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Transport Management – Year 4
Certificate (Special Purpose Award) in Chemical & Biopharmaceutical Engineering

Level 10
Doctor of Philosophy – Year 6

Department of Electrical & Electronic Engineering

Level 7
Bachelor of Engineering in Electrical Engineering – Years 1, 2 and 3
Bachelor of Engineering in Electronic Engineering – Years 1, 2 and 3

Level 8
Bachelor of Engineering (Hons) in Electrical Engineering – Years 1, 2, 3 and 4
Bachelor of Engineering (Hons) in Electronic Engineering – Years 1, 2, 3 and 4

Level 9
Master of Engineering (Research) – Year 5

Level 10
Doctor of Philosophy – Year 6

Centre of Craft Studies

Level 7
Bachelor of Science in Craft Technology (Mechanical Services) – Years 2 and 3
Bachelor of Science in Craft Technology (Wood) with Business – Years 2 and 3

SCHOOL OF SCIENCE & INFORMATICS

Department of Biological Sciences

Level 7
Bachelor of Science in Applied Biosciences with Biotechnology – Year 3
Bachelor of Science in Applied Biosciences – Years 1 and 2
Bachelor of Science in Food & Health Science – Year 3

Level 8
Bachelor of Science (Hons) in Biomedical Science – Years 1, 2, 3 and 4
Bachelor of Science (Hons) Common Entry – Years 1 and 2
Diploma (Special Purpose Award) in Clinical Laboratory Practice
Bachelor of Science (Hons) in Herbal Science – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Nutrition & Health Science – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Pharmaceutical Biotechnology – Years 1, 2, 3 and 4

Level 9
Master of Science (Research) – Year 5
Master of Science in Computational Biology (Taught) – Year 5

Level 10
Doctor of Philosophy – Year 6

Department of Computer Science

Level 7
Bachelor of Science in Computing – Years 1, 2 and 3
Bachelor of Science in Information Technology – Years 1, 2 and 3
Level 8
Bachelor of Science (Hons) in IT Management – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Software Development – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Software Development & Computer Networking – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Web Development – Years 1, 2, 3 and 4
Higher Diploma in Science in Cloud & Mobile Software Development – Year 5

Level 9
Master of Science (Research) – Year 5
Master of Science in Information Security (Taught) – Year 5

Level 10
Doctor of Philosophy – Year 6

Department of Mathematics
Level 8
Higher Diploma in Science in Data Science & Analytics – Year 5

Level 9
Master of Science in Data Science and Analytics (Taught) – Year 5

Department of Physical Sciences
Level 7
Bachelor of Science in Analytical & Pharmaceutical Chemistry – Years 1, 2 and 3
Bachelor of Science in Applied Physics & Instrumentation – Years 1, 2 and 3

Level 8
Bachelor of Science (Hons) in Analytical Chemistry with Quality Assurance – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Applied Physics & Instrumentation – Year 4
Bachelor of Science (Hons) in Environmental Science & Sustainable Technology – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Instrument Engineering – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Industrial Physics – Year 1

Level 9
Master of Science (Research) – Year 5

Level 10
Doctor of Philosophy – Year 6

FACULTY OF BUSINESS & HUMANITIES

SCHOOL OF BUSINESS

Department of Accounting and Information Systems
Level 7
Bachelor of Business in Accounting – Years 1 and 3
Bachelor of Science in Agriculture – Years 1, 2 and 3
Bachelor of Science in Horticulture – Years 1, 2 and 3

Level 8
Bachelor of Business (Hons) in Accounting – Years 1, 2, 3 and 4
Bachelor of Science (Hons) in Agriculture – Year 4
Bachelor of Science (Hons) in Horticulture – Year 4
Bachelor of Business (Hons) in Information Systems – Years 1, 2, 3 and 4

Level 9
Master of Business (Research)

Department of Management & Enterprise
Level 6
Higher Certificate in Business – Years 1 and 2
Level 7
Bachelor of Business – Years 1 and 2
Bachelor of Business in Business & Management – Year 3

Level 8
Bachelor of Business (Hons) – Year 4

Level 9
Master of Business (Research) – Year 5

Level 10
Doctor of Philosophy – Year 6

Department of Marketing & International Business
Level 7
Bachelor of Business in Marketing – Year 3

Level 8
Bachelor of Business (Hons) in International Business with Language – Years 1, 2, 3 and 4
Bachelor of Business (Hons) in Marketing – Years 1, 2, 3 and 4
Bachelor of Arts (Hons) in International Business with Aviation Studies – Years 1 and 2

Level 9
Master of Science in International Business (Taught) – Year 5
Master of Science in Marketing Practice – Year 5
Master of Arts in Global Business Practice – Year 5

Level 10
Doctor of Philosophy – Year 6

Department of Organisation & Professional Development
Level 7
Bachelor of Business in Business Administration – Years 1, 2 and 3

Level 8
Bachelor of Business (Hons) in Business Administration – Year 4

Level 9
ACCA Qualification – Year 5
Master of Arts in Human Resource Management – Year 5

SCHOOL OF HUMANITIES

Department of Applied Social Studies
Level 7
Bachelor of Arts in Community Development – Years 1, 2 and 3
Bachelor of Arts in Social Care – Years 1, 2 and 3

Level 8
Bachelor of Arts (Hons) in Social Care – Year 4

Department of Sport, Leisure & Childhood Studies
Level 7
Bachelor of Arts in Early Years Education – Years 1, 2 and 3
Bachelor of Business in Recreation & Leisure Management – Years 1, 2 and 3

Level 8
Bachelor of Arts (Hons) in Early Years Education – Year 4
Bachelor of Arts (Hons) in Montessori Education – Years 3 and 4
Bachelor of Business (Hons) in Sport & Exercise – Year 4
Level 9
Master of Arts (Research) – Year 5
Master of Science (Research) – Year 5

Department of Tourism and Hospitality
Level 6
Higher Certificate in Arts in Culinary Studies – Years 1 and 2
Higher Certificate in Arts in Hospitality Studies – Years 1 and 2

Level 7
Bachelor of Business in Bar Management – Years 1, 2 and 3
Bachelor of Business in Culinary Arts – Years 1, 2 and 3
Bachelor of Business in Hospitality Management – Years 1, 2 and 3
Bachelor of Business in Tourism – Years 1, 2 and 3

Level 8
Bachelor of Business (Hons) in Hospitality Management – Year 4
Bachelor of Business (Hons) in Tourism – Years 1, 2, 3 and 4
Bachelor of Business (Hons) in Culinary - Food Entrepreneurship – Year 4

Level 9
Master of Business (Research) – Year 5

NMCI
Level 7
Bachelor of Engineering in Marine Electrotechnology – Years 1, 2 and 3
Bachelor of Engineering in Marine Engineering – Years 1, 2 and 3
Bachelor of Science in Nautical Science – Years 1, 2 and 3

Level 8
Bachelor of Science (Hons) in Nautical Science – Year 4
Certificate (Special Purpose Award) in Nautical Science

CIT CSM
Level 8
Bachelor of Arts (Hons) in Popular Music – Years 1, 2, 3 and 4
Bachelor of Arts (Hons) in Theatre and Drama Studies – Years 1, 2, 3 and 4
Bachelor of Music (Hons) – Years 1, 2, 3 and 4

Level 9
Master of Arts (Research) – Year 5
Master of Arts Music (Taught) – Year 5
Master of Arts in Music & Technology – Year 5
Master of Science in Music & Technology – Year 5

CIT CCAD
Department of Fine Art and Applied Art
Level 8
Bachelor of Arts (Hons) in Contemporary Applied Art (Ceramics, Glass, Textiles) – Years 1, 2, 3 and 4
Bachelor of Arts (Hons) in Fine Art – Years 1, 2, 3 and 4

Level 9
Master of Arts in Art & Process – Year 5
Master of Arts (Research) – Year 5

Department of Arts in Health & Education
Level 9
Professional Master of Education in Art & Design - Years 5 and 6
Master of Arts in Art Therapy - Year 5
Department of Media Communications

Level 8
Bachelor of Arts (Hons) in Multimedia – Years 1, 2, 3 and 4
Bachelor of Arts (Hons) in Visual Communications – Years 1, 2, 3 and 4

Level 9
Master of Arts (Taught) – Year 5
Master of Arts (Research) – Year 5
Master of Arts in Public Relations with New Media – Year 5
Master of Arts in Journalism & Digital Content Creation (Taught) – Year 5

Teaching & Learning Unit

Level 9
Master of Arts in Teaching & Learning in Higher Education – Year 5
3.6 Fáilte Ireland and Craft Approved Courses that operated in 2017/18

FACULTY OF BUSINESS & HUMANITIES

SCHOOL OF HUMANITIES

Department of Tourism & Hospitality
Level 6
FETAC Advanced Certificate in Professional Cookery
Fáilte Ireland FETAC Certificate in Professional Cookery

FACULTY OF ENGINEERING & SCIENCE

Centre of Craft Studies
National Craft Certificate – Construction Plant Fitting
National Craft Certificate – Electrical
National Craft Certificate – Fitting & Turning
National Craft Certificate – Motor Mechanics
National Craft Certificate – Pipefitting
National Craft Certificate – Plastering
National Craft Certificate – Plumbing
National Craft Certificate – Refrigeration
National Craft Certificate – Welding & Fabrication
3.7 Approved Courses – Part-Time that operated in 2017/18

FACULTY OF ENGINEERING & SCIENCE

SCHOOL OF BUILDING & CIVIL ENGINEERING

Department of Architecture
Level 7
Bachelor of Science in Interior Architecture – Years 2 & 3

Department of Civil, Structural & Environmental Engineering
Level 7
Bachelor of Engineering in Civil Engineering – Year 2
Certificate (Special Purpose Award) in Building Information Modelling – Year 1

Level 8
Bachelor of Engineering (Hons) in Structural Engineering – Year 4
Single Subject Certificate (Special Purpose Award) in Building Regulatory Engineering – Year 1
Single Subject Certification (Special Purpose Award) in Civil Engineering Modules – Year 1

Level 9
Master of Engineering in Civil Engineering (Environment & Energy) – Year 5
Master of Engineering in Structural Engineering – Year 5

Department of Construction
Level 7
Bachelor of Science in Construction – Year 1
Bachelor of Science in Quantity Surveying – Year 3
Bachelor of Science in Construction Management – Year 3

SCHOOL OF MECHANICAL, ELECTRICAL & PROCESS ENGINEERING

Department of Mechanical, Biomedical & Manufacturing Engineering
Level 6
Certificate (Special Purpose Award) in 3D CAD and Solid Modelling
Certificate (Special Purpose Award) in Mechanical Science – Year 1
Single Subject Certificate (Special Purpose Award) Lean Practitioner – Year 1
Society of Manufacturing Engineers Certificate Certified Manufacturing Engineer

Level 7
Bachelor of Engineering (Apprenticeship) in Manufacturing Engineering – Year 1
Bachelor of Engineering in Mechanical Engineering – Year 3
Certificate (Special Purpose Award) in Automation and Control Systems – Year 1
Certificate (Special Purpose Award) in Biomedical Device Manufacture – Year 1
Certificate (Special Purpose Award) Lean Sigma Green Belt – Year 1
Single Subject Certificate (Special Purpose Award) – Year 1

Level 8
Bachelor of Engineering (Hons) in Mechanical Engineering – Year 2
Bachelor of Science (Hons) in Advanced Manufacturing Technology – Year 4
Bachelor of Science (Hons) in Process Plant Technology – Year 4
Certificate (Special Purpose Award) in ICT Project Management
Certificate (Special Purpose Award) in Project Management – Year 1
Certificate (Special Purpose Award) Lean Sigma Black Belt – Year 1

Level 9
Master of Engineering in Mechanical Engineering (Taught) – Year 5
Department of Process, Energy & Transport Engineering

Level 6
Certificate (Special Purpose Award) in Biotechnological Manufacturing Operations
Certificate (Special Purpose Award) in Cleanroom Manufacturing Practices
Higher Certificate in Science in Good Manufacturing Practice & Technology
Single Subject Certification (Special Purpose Award) in Process, Energy Transport Modules

Level 7
Bachelor of Science in Good Manufacturing Practice & Technology – Year 3
Bachelor of Science in Transport Management & Technology – Year 3
Certificate (Special Purpose Award) in Biopharmaceutical Processing – Year 1
Certificate (Special Purpose Award) in Brewing and Distilling Operations
Diploma (Special Purpose Award) in Biopharmaceutical Manufacturing Operations – Year 1

Level 8
Bachelor of Engineering (Hons) in Chemical and Biopharmaceutical Engineering – Year 4
Certificate (Special Purpose Award) in Biopharmaceutical Supply Chain Management
Certificate (Special Purpose Award) in Chemical Process Safety

Department of Electrical & Electronic Engineering

Level 7
Bachelor of Engineering in Electrical Engineering – Years 2 and 3
Bachelor of Engineering in Electronic Engineering – Year 1

Level 8
Bachelor of Engineering (Hons) in Electrical Engineering – Year 4
Bachelor of Engineering (Hons) in Electronic Engineering – Year 4

Level 9
Master of Engineering (Research) – Year 5

Level 10
Doctor of Philosophy – Year 6

Centre of Craft Studies

Level 6
Certificate (Special Purpose Award) in Automotive Technology

Level 7
Single Subject Certificate (Special Purpose Award) in Craft Studies Modules

SCHOOL OF SCIENCE & INFORMATICS

Department of Biological Sciences

Level 7
Bachelor of Science in Applied Biosciences – Year 1

Level 9
Master of Science (Research) – Year 5

Level 10
Doctor of Philosophy – Year 6

Department of Computer Science

Level 6
Higher Certificate in Science in Computing – Years 1 and 2

Level 7
Bachelor of Science in Computing – Year 3
Bachelor of Science in Information Technology – Years 1 and 3
Level 8
Bachelor of Science (Hons) in IT Management – Years 2 and 4
Higher Diploma in Science in Cloud Computing

Level 9
Master of Science in Cloud Computing (Taught) – Year 5
Master of Science in Networking and Security (Taught) – Year 5
Master of Science in Software Development (Taught) – Year 5
Master of Science in Information Design & Development (Taught) – Year 5
Master of Science in Information Security (Taught) – Year 5
Postgraduate Diploma in Science in Information Design & Development
Single Subject Certificate (Special Purpose Award) in Computing Modules

Level 10
Doctor of Philosophy - Year 6

Department of Mathematics
Level 8
Higher Diploma in Science in Data Science & Analytics

Department of Physical Sciences
Level 6
Certificate (Special Purpose Award) in Quality Assurance
Higher Certificate in Science in Industrial Measurement & Control

Level 7
Bachelor of Science in Applied Physics & Instrumentation – Year 3
Excellence Ireland Quality Association (EIQA) Diploma in Quality Management – Part 1 and 2

Level 8
Bachelor of Science (Hons) in Applied Physics and Instrumentation – Year 4
Bachelor of Science (Hons) in Environmental Science & Sustainable Technology – Year 1
Bachelor of Science (Hons) in Instrument Engineering – Year 4
Certificate (Special Purpose Award) in Advanced Industrial Automation

Level 10
Doctor of Philosophy - Year 6

NMCI
Department of Maritime Studies
Level 6
Nautical Science (Bridging Studies)

Level 7
Bachelor of Business in Supply Chain & Transport Management – Years 1 and 3

Level 8
Bachelor of Science (Hons) in Nautical Science – Year 4

Professional Training
Certificate of Competency in Marine Engineering - Second Engineer Officer/Chief Engineer Officer
Master Deck Refresher Course (Special Purpose Award) Deck Refresher Course

FACULTY OF BUSINESS & HUMANITIES

SCHOOL OF BUSINESS

Department of Accounting & Information Systems
Level 7
Bachelor of Business in Accounting – Year 3
Bachelor of Science in Horticulture – Year 1
**Level 8**
Bachelor of Business (Hons) in Accounting – Years 3 and 4
Certificate (Special Purpose Award) in Designing Innovative Services

**Department of Management & Enterprise**

**Level 6**
Higher Certificate in Business – Years 1 and 2

**Level 7**
Bachelor of Business in Management – Years 2 and 3

**Level 8**
Bachelor of Business (Hons) in Business – Year 4

**Level 9**
Master of Business (Research) – Year 5

**Level 10**
Doctor of Philosophy – Year 6

**Department of Marketing & International Business**

**Level 8**
Certificate (Special Purpose Award) in Digital Marketing
Higher Diploma in Business Sales Management

**Level 9**
Master of Science in Digital Marketing Strategy (Taught) – Year 5
Master of Science in International Business (Taught) – Year 5

**Department of Organisation & Professional Development**

**Level 6**
Certificate (Special Purpose Award) in Introductory Book-Keeping and Accounting
CIMA Certificate in Business Accounting – Year 1
ACCA Diploma in Accounting & Business – Year 1
Accounting Technician Ireland - Accounting and Information Skills – Years 1 and 2

**Level 7**
Bachelor of Arts in Human Resource Management – Years 1, 2 and 3

**Level 8**
Bachelor of Arts (Hons) in Human Resource Management – Year 4
Bachelor of Business (Hons) in Business Administration – Year 4
Certificate (Special Purpose Award) in Leadership Development
Institute of Certified Public Accountants – Years 2 and 4

**Level 9**
Master of Arts in Human Resource Management (Taught) – Year 5
Master of Business in Business (Taught) – Year 5

**SCHOOL OF HUMANITIES**

**Department of Applied Social Studies**

**Level 6**
Certificate (Special Purpose Award) in Counselling Skills – Year 1
Higher Certificate in Arts in Counselling Skills – Year 2

**Level 7**
Bachelor of Arts in Social Care – Years 1 and 2

**Level 8**
Bachelor of Arts (Hons) in Counselling & Psychotherapy – Years 3 and 4
Bachelor of Arts (Hons) in Social Care – Year 4
Level 9
Master of Arts in Integrative Psychotherapy (Taught) – Year 5
Master of Arts in Play Therapy (Taught) – Year 5

Level 10
Doctor of Philosophy - Year 6

Department of Sport, Leisure & Childhood Studies
Level 7
Bachelor of Business in Recreation & Leisure Management – Year 1

Department of Tourism & Hospitality Studies
Level 6
Certificate (Special Purpose Award) in Retail Food Operations
Single Subject Certification (Special Purpose Award) in Tourism Modules

Level 7
Bachelor of Arts in Culinary Arts – Year 3
Bachelor of Business in Hospitality Management – Year 2

CIT CCAD
Part-Time Courses
Advanced Ceramics
Drawing & Painting
Portfolio Preparation

Department of Fine Art and Applied Art
Level 6
Single Subject Certification (Special Purpose Award) in Arts Modules

Level 7
Single Subject Certification (Special Purpose Award) in Arts Modules

Level 8
Bachelor of Arts (Hons) in Contemporary Applied Art (Ceramics, Glass, Textiles) – Years 2 and 3
Certificate (Special Purpose Award) in Fine Art Textiles
Single Subject Certification (Special Purpose Award) in Arts Modules

Level 9
Master of Arts in Art & Process (Taught) – Year 5

Department of Arts in Health and Education
Level 8
Certificate (Special Purpose Award) in Principles & Theory of Art Therapy – Year 1

Level 9
Certificate (Special Purpose Award) in Creativity and Change
Master of Arts in Art Therapy (Taught) – Year 5

Department of Media Communications
Level 6
Certificate (Special Purpose Award) in Media Production
Certificate (Special Purpose Award) in Radio Broadcast Media

Level 8
Bachelor of Arts (Hons) in Visual Communications – Year 3
Certificate (Special Purpose Award) in Digital Media Design & Development – Year 1
Certificate (Special Purpose Award) in TV Production

Level 9
Master of Arts (Research) – Year 5
Master of Arts (Taught) – Year 5
Master of Arts Public Relations with New Media (Taught) – Year 5
CIT CSM
Part-Time

Piano
Organ
Harp/Harpsichord
Piano Ensemble
Organ Keyboard Skills
Violin
Suzuki Violin
Viola
Cello
Suzuki Cello
Double Bass
Chamber Music
Orchestra
Guitar
Junior Guitar Ensemble
Cello Group
Harp
Recorder
Flute
Oboe
Clarinet
Bassoon
Saxophone
Horn
Trumpet
Trombone
Euphonium/Tuba
Percussion
Flute/Band Ensemble
Youth Music Project
Singing
Opera Studio
Speech (Class)
Speech (Individual)
Speech Therapy
Drama
Wind Ensemble
Concert Band
Jazz Big Band
Junior Bands
Percussion Ensemble
Brass Ensemble
Technique C
Woodwind Ensemble
Horn Ensemble
Vocal Support Studies
Saxophone Quartet
Musicianship
Theory (Individual)
Choir

Level 8
Bachelor of Arts (Hons) in Popular Music – Year 2

Level 9
Master of Arts in Music & Technology (Taught) – Year 5

TEACHING & LEARNING UNIT
Certificate (Special Purpose Award) in Effective Teaching in Higher Education
Master of Arts in Teaching & Learning in Higher Education (Taught) – Year 5
3.8 Validating Authorities

Quality & Qualifications Ireland
On 6 November 2012, Quality and Qualifications Ireland (QQI) was established as a new integrated agency (replacing the Further Education and Training Awards Council, the Higher Education and Training Awards Council and the National Qualifications Authority of Ireland and incorporating the functions of the Irish Universities Quality Board).

QQI is responsible for the external quality assurance of further and higher education and training (including English language provision) and validates programmes and makes awards for certain providers in these sectors.

Professional Bodies
Many professional bodies in engineering, business and science offer their own examinations leading to professional membership and the standard of their final examinations is usually that of honours degree. In addition, holders of Higher Certificates, Ordinary Bachelor Degrees, and Honours Degrees may be exempt from appropriate levels of examination of relevant professional bodies following accreditation of the relevant courses by the professional bodies.

The following is a list of professional bodies who accredit or recognise programmes of study in CIT

1. Academy of Clinical Science and Laboratory Medicine (ACSLM)
2. Accounting Technicians of Ireland (ATI)
3. Association of Chartered Certified Accountants (ACCA)
4. Chartered Accountants Ireland
5. Chartered Institute of Building (CIOB)
6. Chartered Institute of Logistics and Transport
7. Chartered Institute of Management Accountants (CIMA)
8. Chartered Institute of Personnel and Development (CIPD)
9. Chartered Institution of Building Services Engineers
10. City & Guilds of London Institute
11. Crafts Council of Ireland
12. Energy Institute
13. Engineers Ireland
14. European Council of Interior Architects
15. Institute of Biomedical Sciences (UK)
16. Institute of Certified Public Accountants in Ireland (ICPAI)
17. Institute of Chemistry of Ireland
18. Institute of Designers of Ireland (IDI)
19. Institute of Physics
20. Institution of Chemical Engineers (IChemE)
21. Institution of Structural Engineers
22. Irish Association of Creative Arts Therapists (IACAT)
23. Irish Hospitality Institute
24. Marine Survey Office (MSO) of the Irish Department of Transport, Tourism and Sport
25. Marketing Institute
26. Public Relations Institute of Ireland (PRII)
27. Royal Institute of the Architects of Ireland (RIAI)
28. Royal Society of Chemistry
29. Society of Chartered Surveyors Ireland (SCSI)
30. Teaching Council
31. Visual Artists Ireland
Government of Ireland - Department of Education & Skills

Apprentices
The Institute offers courses at Phase 4 and Phase 6 levels during apprenticeship. Success at the examinations leads to the award of the Advanced Certificate awarded by QQI.

These courses are provided in the areas of Welding & Metal Fabrication, Building, Automobile Engineering, Mechanical Engineering, Electrical Engineering, and Refrigeration.

Further Education
The Institute through the Department of Tourism and Hospitality provides programmes in Professional Cookery on a full time and day-release basis. The programmes are awarded the Advanced Certificate in Professional Cookery at Level 6 on the National Framework of Qualifications.
3.9 External Examiners

FACULTY OF BUSINESS & HUMANITIES

SCHOOL OF BUSINESS

Department of Accounting & Information Systems

Dr Ali Nazarpour
• Bachelor of Business (Hons) in Accounting

Ms Angela Hamouda
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business (Hons) in Information Systems

Dr Amr Arisha
• Bachelor of Business in Information Systems

Ms Anne Tynan
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business (Hons) in Information Systems
• Bachelor of Business in Accounting

Dr Denis Dennehy
• Certificate in Designing Innovative Services

Ms Emma Dillane
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business in Accounting
• Bachelor of Business in Business Administration

Dr Gerard Corkery
• Bachelor of Science (Hons) in Agriculture
• Bachelor of Science (Hons) in Horticulture
• Bachelor of Science in Agriculture
• Bachelor of Science in Horticulture

Mr John Casey
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business (Hons) in Information Systems
• Bachelor of Business in Accounting
• Bachelor of Business in Business Administration

Ms Patricia Martyn
• Bachelor of Business (Hons) in Information Systems

Mr Patrick Ryan
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business (Hons) in Information Systems

Mr Peter Weadack
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business in Accounting
• Bachelor of Business in Business Administration
• Master of Business

Dr Philip Dix
• Bachelor of Science (Hons) in Horticulture
• Bachelor of Science in Horticulture

Dr Rachel Hillard
• Bachelor of Business (Hons) in Accounting
• Bachelor of Business (Hons) in Information Systems

Dr TJ McDonald
• Bachelor of Business (Hons) in Business Administration
• Bachelor of Business (Hons) in Information Systems
• Bachelor of Business in Business Administration

Department of Management & Enterprise

Dr Ali Nazarpour
• Bachelor of Business
• Bachelor of Business (Hons) in Business Administration
• Bachelor of Business in Business Administration
• Bachelor of Business in Management
• Higher Certificate in Business

Dr Amr Arisha
• Bachelor of Business in Management
• Bachelor of Science in Agriculture

Ms Angela Hamouda
• Bachelor of Business
• Bachelor of Business (Hons)
• Bachelor of Business (Hons) in Business Administration
• Bachelor of Business in Business Administration
• Higher Certificate in Business
• Master of Business

Dr Daire Hooper
• Bachelor of Business in Management

Dr Deirdre Fleming
• Bachelor of Business in Management

Ms Emma Dillane
• Bachelor of Business in Business & Management
• Bachelor of Business in Management

Dr Olga Ryazonova
• Bachelor of Business
• Bachelor of Business in Management
• Higher Certificate in Business
• Master of Business

Mr Patrick Ryan
• Bachelor of Business
• Bachelor of Business (Hons)
• Bachelor of Business in Business Administration
• Bachelor of Business in Management
• Higher Certificate in Business

Mr Peter Weadack
• Bachelor of Business in Business & Management
• Bachelor of Business in Management
Dr Rachel Hillard  
• Bachelor of Business  
• Bachelor of Business (Hons)  
• Bachelor of Business (Hons) in Business Administration  
• Bachelor of Business in Business Administration  
• Bachelor of Business in Management  
• Higher Certificate in Business

**Department of Marketing & International Business**

Dr Ali Nazarpour  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business (Hons) in Marketing  
• Bachelor of Business in Marketing

Dr Amr Arisha  
• Bachelor of Business (Hons) in Business  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business (Hons) in Marketing  
• Bachelor of Business in Marketing  
• Master of Science in International Business  
• Master of Science in Marketing Practice

Ms Angela Hamouda  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business in Marketing  
• Master of Arts in Global Business Practice

Dr Angela Ryan  
• All French Modules

Ms Ann Masterson  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business (Hons) in Marketing

Dr Daire Hooper  
• Bachelor of Business (Hons) in Business  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business (Hons) in Marketing  
• Bachelor of Business in Marketing  
• Master of Science in International Business  
• Master of Science in Marketing Practice

Mr Darrin Taylor  
• Bachelor of Business  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business (Hons) in Marketing  
• Certificate in Leadership Development  
• Higher Diploma in Business in Sales & Management  
• Master of Arts in Global Business Practice  
• Master of Science in International Business

Dr Deirdre Fleming  
• Bachelor of Business (Hons) in Business

• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business (Hons) in Marketing  
• Bachelor of Business in Marketing  
• Master of Science in International Business  
• Master of Science in Marketing Practice

Ms Eimear Kelly  
• German Modules

Ms Erin McNamara Cullen  
• Bachelor of Business (Hons) in Marketing  
• Bachelor of Business in International Business with Language

Dr Liam Thornton  
• Law Modules

Dr Olga Ryazonova  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business in Marketing  
• Bachelor of Business in Marketing

Mr Patrick Ryan  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business in Marketing  
• Master of Science in International Business

Mr Peter Weadack  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business in Marketing

Dr Rachel Hillard  
• Bachelor of Business (Hons) in International Business with Language  
• Bachelor of Business in Marketing

Mr Robert Farrell  
• Bachelor of Business  
• Bachelor of Business (Hons) in Marketing  
• Certificate in Digital Marketing  
• Higher Diploma in Business in Sales & Management  
• Master of Science in International Business  
• Master of Science in Marketing Practice

**Department of Organisation & Professional Development**

Dr Ali Nazarpour  
• Bachelor of Arts in Human Resource Management

Ms Caroline Murphy  
• Bachelor of Business in Business Administration

Ms Clodagh Geraghty  
• Bachelor of Arts in Human Resource Management  
• Master of Arts in Human Resource Management
Dr Felicity Kelliher
- Master of Business

Dr Juliet MacMahon
- Master of Arts in Human Resource Management

Dr Marian Crowley - Henry
- Bachelor of Arts (Hons) in Human Resource Management
- Bachelor of Arts in Human Resource Management
- Master of Arts in Human Resource Management

Dr Mary Kinahan
- Bachelor of Arts (Hons) in Human Resource Management
- Bachelor of Business
- Bachelor of Business in Accounting
- Bachelor of Business in Management

Dr Noel Harvey
- Master of Arts in Human Resource Management

Ms Norita O'Donoghue
- Bachelor of Arts (Hons) in Human Resource Management
- Bachelor of Arts in Human Resource Management
- Master of Arts in Human Resource Management

Dr Olga Ryazonova
- Master of Arts in Human Resource Management

Mr Owen Ross
- Bachelor of Arts (Hons) in Human Resource Management
- Bachelor of Arts in Human Resource Management
- Master of Arts in Human Resource Management

Mr Robert Farrell
- Bachelor of Business (Hons) in Business Administration

**SCHOOL OF HUMANITIES**

**Department of Applied Social Studies**

Ms Cathy Daly
- Diploma in Play Therapy
- Master of Arts in Play Therapy

Ms Donna McNameara
- Bachelor of Arts (Hons) in Social Care
- Bachelor of Arts in Social Care

Dr Elizabeth Kiely
- Bachelor of Arts (Hons) in Social Care
- Bachelor of Arts in Social Care

Ms Gillian Larkin
- Bachelor of Arts in Social Care

Dr Jacqui O'Riordan
- Bachelor of Arts (Hons) in Social Care
- Bachelor of Arts in Social Care

Dr John McNamara
- Bachelor of Arts (Hons) in Social Care
- Bachelor of Arts in Social Care

Ms Lisa O'Rourke Scott
- Bachelor of Arts (Hons) in Social Care
- Bachelor of Arts in Social Care

Dr Lisha O'Sullivan
- Master of Arts in Play Therapy

Dr Margaret Curtin
- Bachelor of Arts (Hons) in Community Development
- Bachelor of Arts in Community Development

Dr Maria Dempsey
- Bachelor of Arts (Hons) in Social Care
- Bachelor of Arts in Social Care

Mr Martin F. Kenneally
- Bachelor of Arts (Hons) in Social Care

Ms Oonagh Roantree
- Higher Certificate in Counselling Skills
- One Year Certificate in Counselling Skills

Ms Patricia McCaffrey
- Bachelor of Arts in Social Care

Ms Rebecca Loughry
- Bachelor of Arts (Hons) in Community Education
- Bachelor of Arts in Community Education

Mr Tom Geary
- Bachelor of Arts (Hons) in Counselling & Psychotherapy
- Master of Arts in Integrative Psychotherapy

**Department of Sport, Leisure & Childhood Studies**

Mr Denis Cullinane
- Bachelor of Business in Recreation & Leisure Management

Dr Jennifer Pope
- Bachelor of Arts (Hons) Montessori Education

Dr Mark Lyons
- Bachelor of Business (Hons) in Sport & Exercise
- Bachelor of Business in Recreation & Leisure Management

Dr Maura Cunneen
- Bachelor of Arts (Hons) in Early Years Education
- Bachelor of Arts (Hons) in Montessori Education
- Bachelor of Arts in Early Years Education

Dr Meera Oke
- Bachelor of Arts (Hons) in Montessori Education
Mr Patrick Ryan  
- Bachelor of Business in Recreation & Leisure Management

Ms Patricia Martyn  
- Bachelor of Business in Recreation & Leisure Management

Ms Patricia McCaffrey  
- Bachelor of Arts (Hons) in Early Years Education  
- Bachelor of Arts (Hons) in Montessori Education  
- Bachelor of Arts in Early Years Education

Mr Peter Weadack  
- Bachelor of Business in Recreation & Leisure Management  
- Module - Financial Accounting in the Leisure Industry

Dr Rachel Hillard  
- Bachelor of Business (Hons) in Sport & Exercise

Mr Roddy Gaynor  
- Bachelor of Business (Hons) in Sport & Exercise  
- Bachelor of Business in Recreation & Leisure Management

Dr Sharon McLaughlin  
- Bachelor of Arts (Hons) in Early Years Education  
- Bachelor of Arts in Early Years Education  
- Bachelor of Business in Recreation & Leisure Management  
- Module - Recreation & Leisure Law

Department of Tourism & Hospitality

Mr Diarmuid Cawley  
- Advanced Certificate in Professional Cookery (FETAC)  
- Higher Certificate in Arts in Culinary Studies

Ms Finola Twomey  
- Bachelor of Business (Hons) in Tourism  
- Bachelor of Business in Tourism

Mr James O’Meara  
- Bachelor of Business (Hons) in Culinary Entrepreneurship  
- Bachelor of Business in Culinary Arts

Mr Martin Neville  
- Bachelor of Business (Hons) in Hospitality Management  
- Bachelor of Business in Culinary Arts  
- Bachelor of Business in Hospitality Management  
- Bachelor of Business in Tourism  
- Higher Certificate in Arts in Culinary Studies  
- Higher Certificate in Arts in Hospitality Studies

Dr Rachel Hillard  
- Higher Certificate in Arts in Hospitality Studies

Mr Ray Cullen  
- Higher Certificate in Arts in Hospitality Studies

Ms Róisín O’Sullivan  
- Bachelor of Business in Beverage Industry Management

Mr Ronan Doyle  
- Bachelor of Business in Beverage Industry Management

Mr Séamus Crotty  
- Bachelor of Business (Hons) in Hospitality Management  
- Bachelor of Business in Hospitality Management

Dr Sophie Price  
- Bachelor of Business in Tourism  
- Bachelor of Business (Hons) in Tourism

CIT CCAD

Department of Arts in Health & Education

Prof. Dervil Jordan  
- Master of Arts in Art & Design Education  
- Master of Arts in Teaching Visual Arts in Primary & Early Years Education

Dr Glenn Loughran  
- Creativity & Change - Arts in Group Facilitation

Dr Janek Dubowski  
- Master of Arts in Art Therapy/Principles of Art Therapy

Dr Zoe Pool  
- Certificate in Principles of Sesame Approach

Department of Fine Art & Applied Art

Ms Breda Lynch  
- Master of Arts in Art & Process

Mr Clive Fiddis  
- Bachelor of Arts (Hons) in Contemporary Applied Art (Ceramics, Glass, Textiles)

Dr Brian Fay  
- Bachelor of Arts (Hons) in Fine Art

Dr Sarah Smith  
- Master of Arts in Art & Process

Dr Tim Stott  
- Bachelor of Arts (Hons) in Ceramic Design  
- Bachelor of Arts (Hons) in Fine Art  
- Bachelor of Arts in Ceramic Design  
- Bachelor of Arts in Fine Art

Dr Tina Kinsella  
- Bachelor of Arts (Hons) in Contemporary Applied Art  
- Bachelor of Arts (Hons) in Fine Art

Department of Media Communications

Dr Anna Moran  
- Bachelor of Arts (Hons) in Visual Communications

Dr Con Kennedy  
- Bachelor of Arts (Hons) in Visual Communications
Ms Eimear O’Brien
- Master of Arts in Public Relations with New Media

Mr Hugh McCabe
- Bachelor of Arts (Hons) in Creative Digital Media

Mr Juan Miguel Mariano Camarasa
- Bachelor of Arts (Hons) in Multimedia

Mr Ralph Riegel
- Master of Arts in Journalism with New Media

Ms Renate Murphy
- Master of Arts in Public Relations with New Media

Mr Ritchie Ryan
- Bachelor of Arts (Hons) in Visual Communications

Mr Robert Farrell
- Master of Arts in Public Relations with New Media

Mr Tom O’Mara
- Certificate in Digital Media Design & Development
- Master of Arts in E-Learning Design & Development

FACULTY OF ENGINEERING & SCIENCE

SCHOOL OF BUILDING & CIVIL ENGINEERING

Department of Architecture

Ms Catherine M. O’Keeffe Prunty
- Bachelor of Science (Hons) in Architectural Technology
- Bachelor of Science in Architectural Technology

Mr Eoghan McCarthy
- Bachelor of Science (Hons) in Architectural Technology
- Bachelor of Science in Architectural Technology

Mr James Bourke
- Bachelor of Science (Hons) in Architectural Technology
- Bachelor of Science in Architectural Technology

Mr John McDonald
- Bachelor of Science (Hons) in Interior Architecture
- Bachelor of Science in Interior Architecture

Ms Maria McVeigh
- Bachelor of Science (Hons) in Interior Architecture
- Bachelor of Science in Interior Architecture

Department of Civil, Structural & Environmental Engineering

Mr Brendan Brice
- Bachelor of Engineering in Civil Engineering
- Bachelor of Engineering in Environmental Engineering
- Higher Certificate in Engineering in Civil Engineering

Dr Bryan McCabe
- Bachelor of Engineering (Hons) in Structural Engineering
- Engineering (Common Entry)

Ms Clodagh O’Donovan
- Bachelor of Engineering (Hons) in Structural Engineering
- Engineering (Common Entry)

Mr James G. Mansfield
- Master of Engineering in Structural Engineering
- Postgraduate Diploma in Structural Engineering

Mr Kieran Thornton
- Master of Engineering in Civil Engineering (Environment & Energy)
- Postgraduate Diploma in Civil Engineering (Environment & Energy)

Dr Patrick J. Purcell
- Master of Engineering in Civil Engineering (Environment & Energy)
- Master of Engineering in Structural Engineering
- Postgraduate Diploma in Civil Engineering (Environment & Energy)
• Postgraduate Diploma in Structural Engineering

Ms Úna Beagon
• Bachelor of Engineering in Civil Engineering
• Bachelor of Engineering in Environmental Engineering
• Higher Certificate in Engineering in Civil Engineering

Department of Construction

Mr Declan O’Gorman
• Bachelor of Science (Hons) in Construction Management
• Bachelor of Science in Construction Management

Dr Dermot Kehily
• Bachelor of Science (Hons) in Quantity Surveying
• Bachelor of Science in Quantity Surveying

Mr Ger Harrington
• Bachelor of Science (Hons) in Quantity Surveying
• Bachelor of Science in Quantity Surveying

Mr Lawrence Buckley
• Postgraduate Diploma/Master of Science in Construction Project Management

Mr Lawrence Slade
• Bachelor of Science (Hons) in Construction Management
• Bachelor of Science in Construction Management

Dr Martin Taggart
• Bachelor of Science (Hons) in Construction Management
• Bachelor of Science in Construction Management

SCHOOL OF MECHANICAL, ELECTRICAL & PROCESS ENGINEERING

Department of Electrical & Electronic Engineering

Mr Eric Bergin
• Bachelor of Engineering (Hons) in Electrical Engineering
• Bachelor of Engineering in Electrical Engineering

Mr Ian Foley
• Bachelor of Engineering (Hons) in Electrical Engineering
• Bachelor of Engineering in Electrical Engineering

Mr James Wright
• Bachelor of Engineering (Hons) in Electronic Engineering
• Bachelor of Engineering in Electronic Engineering

Mr Shane Callanan
• Bachelor of Engineering (Hons) in Electronic Engineering
• Bachelor of Engineering in Electronic Engineering

Department of Mechanical, Biomedical & Manufacturing Engineering

Mr Andrew Hickey
• Bachelor of Engineering in Mechanical Engineering
• Certificate in 3D CAD and Solid Modelling
• Certificate in Mechanical Engineering Science

Mr Cathal O’Connor
• Bachelor of Engineering (Hons) in Advanced Manufacturing Technology
• Bachelor of Engineering (Hons) in Process Plant Technology

Mr Cian Long
• Lean Sigma Green Belt
• Lean Sigma Black Belt

Prof. David A. Hoey
• Bachelor of Engineering (Hons) in Biomedical Engineering
• Bachelor of Engineering in Biomedical Engineering

Mr Declan Sheridan
• Bachelor of Engineering (Hons) in Advanced Manufacturing Technology
• Bachelor of Engineering (Hons) in Process Plant Technology

Mr John Kelly
• Bachelor of Engineering (Hons) in Mechanical Engineering

Prof. Nicholas J. Dunne
• Bachelor of Engineering (Hons) in Mechanical Engineering
• Master of Engineering in Mechanical Engineering (Taught)

Mr Paul Mitchell
• Bachelor of Engineering (Hons) in Biomedical Engineering
• Bachelor of Engineering in Biomedical Engineering

Dr Tom Roche
• Bachelor of Engineering in Mechanical Engineering

Department of Process, Energy & Transport Engineering

Mr David Halloran
• Bachelor of Engineering (Hons) in Sustainable Energy Engineering
• Certificate in Introduction to Sustainable Energy
• Certificate in Sustainable Energy

Mr Declan Allen
• Certificate in Biopharmaceutical Supply Chain Management

Mr Eamon Judge
• Bachelor of Engineering (Hons) in Chemical & Biopharmaceutical Engineering
• Certificate in Chemical Process Operations (Level 6)
• Certificate in Chemical Process Safety
• Certificate in Process Industries Advancements & Innovation
• Master of Engineering in Chemical & Biopharmaceutical Engineering
Prof. Harald Gollinger
- Bachelor of Science (Hons) in Transport Management
- Bachelor of Science in Transport Management & Technology

Mr Liam Cotter
- Bachelor of Science in Good Manufacturing Practice & Technology
- Bachelor of Science in Good Manufacturing Practice & Technology (Part-time)
- Diploma in Biopharmaceutical Operations
- Higher Certificate in Science in Good Manufacturing Practice & Technology

Dr Martin Pitt
- Bachelor of Engineering (Hons) in Chemical & Biopharmaceutical Engineering
- Certificate in Brewing & Distilling Operations
- Certificate in Chemical Process Operations
- Certificate in Chemical Process Safety
- Certificate in Process Industries Advancements & Innovation
- Master of Engineering in Chemical & Biopharmaceutical Engineering

Dr Nicolas Kelly
- Bachelor of Engineering (Hons) in Sustainable Energy Engineering

Dr Noel Mulligan
- Bachelor of Science in Good Manufacturing Practice & Technology
- Bachelor of Science in Good Manufacturing Practice & Technology (Part-Time)
- Certificate in Cleanroom Manufacturing Practices
- Certificate in the Science of Biotechnological Manufacturing Operations
- Diploma in Biopharmaceutical Manufacturing Operations
- Higher Certificate in Science in Good Manufacturing Practice & Technology

Mr Pat Donnelly
- Bachelor of Science (Hons) in Transport Management
- Bachelor of Science in Transport Management & Technology

Centre of Craft Studies

Dr Ali Nazarpour
- Bachelor of Science in Craft Technology - Mechanical Services
- Bachelor of Science in Craft Technology (Wood) with Business

Mr Albert Byrne
- Bachelor of Science in Craft Technology - Mechanical Services
- Certificate in Equipment Maintenance Fundamentals
- Certificate in Maintenance Technology Fundamentals

Mr David Tracey
- Bachelor of Science in Craft Technology (Wood) with Business

Ms Emma Dillane
- Bachelor of Science in Craft Technology (Wood) with Business

Mr Ger O’Leary
- Bachelor of Science in Craft Technology - Mechanical Services
- Certificate in Equipment Maintenance Fundamentals
- Certificate in Maintenance Technology Fundamentals

Mr Michael Beasley
- Bachelor of Science in Craft Technology (Wood) with Business

Dr Olga Ryazonova

Mr Peter Weadack
- Bachelor of Science in Craft Technology (Wood) with Business

SCHOOL OF SCIENCE & INFORMATICS

Department of Biological Sciences

Prof. Áine McKillop
- Bachelor of Science (Hons) in Biomedical Science

Dr Brendan O’Donnell
- Bachelor of Science in Applied Biosciences & Biotechnology

Dr Eibhlís O’Connor
- Bachelor of Science (Hons) in Nutrition & Health Science

Prof. Nora O’Brien
- Bachelor of Science in Food & Healthcare

Dr Patrick Kiely
- Bachelor of Science (Hons) in Pharmaceutical Biotechnology

Dr Philip Dix
- Bachelor of Science (Hons) in Herbal Science

Ms Sinéad Carey
- Diploma in Clinical Lab Practice

Department of Computer Science

Dr Daniel Kelly
- Master of Science in Software Development

Prof. Gregory O’Hare
- Bachelor of Science (Hons) in Computer Science
Dr Jim Buckley
- Bachelor of Science (Hons) in Software Development
- Bachelor of Science (Hons) in Web Development

Prof. John Murphy
- Bachelor of Science (Hons) in Software Development & Computer Networking

Dr Keara Barrett
- Master of Science in Cloud Computing

Dr Luca Longo
- Bachelor of Science in Computing

Prof. Michael Brady
- Bachelor of Science (Hons) in Software Development

Dr Nhien-An Le-Khac
- Master of Science in Information Security

Dr Owen Foley
- Bachelor of Science (Hons) in IT Management
- Bachelor of Science in Information Technology

Department of Mathematics

Dr Ann O'Shea
- Module Extern for Mathematics

Dr James Cruickshank
- Module Extern for Mathematics

Prof Michael J. Wallace
- Higher Diploma in Science in Data Science & Analytics
- Master of Science in Data Science & Analytics
- Module Extern for Statistics

Dr Niall Fitzgerald
- Higher Diploma in Science in Data Science & Analytics
- Master of Science in Data Science & Analytics

Department of Physical Sciences

Dr Adrienne Fleming
- Bachelor of Science (Hons) in Analytical Chemistry with Quality Assurance
- Bachelor of Science in Analytical & Pharmaceutical Chemistry

Mr Joe Haugh
- Bachelor of Science (Hons) Applied Physics & Instrumentation
- Bachelor of Science in Applied Physics & Instrumentation
- Bachelor of Science in Instrument Engineering
- Higher Certificate in Industrial Measurement & Control
- Special Purpose Award in Advanced Industrial Automation

Dr John Houlihan
- Bachelor of Science (Hons) in Applied Physics & Instrumentation
- Bachelor of Science in Applied Physics & Instrumentation
- Bachelor of Science in Environmental Science & Sustainable Technology
- Bachelor of Science in Instrument Engineering
- Higher Certificate in Industrial Measurement & Control
- Special Purpose Award in Advanced Industrial Automation

Dr Merissa Moriarty
- Bachelor of Science in Analytical Chemistry with Quality Assurance

Dr Michael Geary
- Bachelor of Science in Analytical & Pharmaceutical Chemistry

NMCI

Mr Bernard O'Sullivan
- Bachelor of Arts in Leadership, Management & Naval Studies

Mr Declan Allen
- Bachelor of Business in Supply Chain & Transport Management

Mr Denis Burns
- Higher Certificate in Arts in Leadership, Management & Naval Studies

Mr Emmet Ryan
- Bachelor of Engineering in Marine Electrotechnology

Prof. Graham Heaslip
- Bachelor of Business in Supply Chain & Transport Management

Capt. Harvey Menezes
- Bachelor of Science (Hons) in Nautical Science
- Bachelor of Science in Nautical Science
- Certificate (SPA) in Nautical Science
- Certificate (SPA) in Nautical Studies

Mr John Meskell
- Bachelor of Engineering in Marine Electrotechnology

Capt. Kevin O'Callaghan
- Bachelor of Science in Nautical Science
- Certificate (SPA) in Nautical Science
- Higher Certificate in Nautical Science

Mr Martin Lilley
- Bachelor of Engineering in Marine Engineering

Capt. Raja Maitra
- Bachelor of Science (Hons) in Nautical Science
- Certificate (SPA) in Nautical Science

Mr Ronan Boyle
- Certificate in Senior Command Operations

Mr Thomas David Taylor
- Bachelor of Engineering in Marine Engineering
School of Graduate Studies

Dr Liam Marnane
• Structured PhD Modules

Teaching & Learning Unit

Prof. Brian Bowe
• Master of Arts in Teaching & Learning in Higher Education
• Special Purpose Award in Effective Teaching in Higher Education

Ms Sinéad O'Sullivan
• Certificate in Teaching Practice for Higher Education
• Master of Arts in Teaching & Learning in Higher Education
3.10 Student Statistics

Enrolment Statistics for 2017/2018 and the two previous years

<table>
<thead>
<tr>
<th></th>
<th>2015/16</th>
<th>2016/17</th>
<th>2017/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Full-time</td>
<td>7,927</td>
<td>8,247</td>
<td>8,380</td>
</tr>
<tr>
<td>Total Part-time</td>
<td>6,664</td>
<td>7,041</td>
<td>7,392</td>
</tr>
<tr>
<td>Overall Total</td>
<td>14,591</td>
<td>15,288</td>
<td>15,772</td>
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</tbody>
</table>

Enrolments by Gender and Attendance Mode for 2017/18

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-mature</td>
<td>4,510</td>
<td>3,124</td>
<td>7,634</td>
</tr>
<tr>
<td>Mature</td>
<td>454</td>
<td>292</td>
<td>746</td>
</tr>
<tr>
<td>Total</td>
<td>4,964</td>
<td>3,416</td>
<td>8,380</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part-time</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fáilte Ireland</td>
<td>23</td>
<td>23</td>
<td>46</td>
</tr>
<tr>
<td>Craft Apprentices</td>
<td>880</td>
<td>0</td>
<td>880</td>
</tr>
<tr>
<td>Evening Courses</td>
<td>2,971</td>
<td>3,495</td>
<td>6,466</td>
</tr>
<tr>
<td>Total</td>
<td>3,874</td>
<td>3,518</td>
<td>7,392</td>
</tr>
</tbody>
</table>

Overall Total         | 8,838   | 6,934   | 15,772  |
### Enrolment Statistics by Gender for three academic years

<table>
<thead>
<tr>
<th></th>
<th>2015/16</th>
<th>2016/17</th>
<th>2017/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>8,044</td>
<td>8,592</td>
<td>8,838</td>
</tr>
<tr>
<td>Female</td>
<td>6,547</td>
<td>6,696</td>
<td>6,934</td>
</tr>
<tr>
<td>Total</td>
<td>14,591</td>
<td>15,288</td>
<td>15,772</td>
</tr>
</tbody>
</table>

### Breakdown of Whole-Time Equivalent Student Numbers - Higher Certificate, Ordinary Degree, Honours Degree and Postgraduate by Discipline for 2017/18

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Higher Certificate (L6)</th>
<th>Ordinary Degree (L7)</th>
<th>Honours Degree (L8)</th>
<th>Post Graduate (L9 &amp; L10)</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture and Veterinary</td>
<td>0</td>
<td>149</td>
<td>36</td>
<td>0</td>
<td>185</td>
</tr>
<tr>
<td>Arts &amp; Humanities</td>
<td>0</td>
<td>26</td>
<td>757</td>
<td>139</td>
<td>922</td>
</tr>
<tr>
<td>Business Administration and Law</td>
<td>25</td>
<td>782</td>
<td>1,146</td>
<td>122</td>
<td>2,075</td>
</tr>
<tr>
<td>Education</td>
<td>0</td>
<td>30</td>
<td>32</td>
<td>40</td>
<td>102</td>
</tr>
<tr>
<td>Engineering, Manufacturing and Construction</td>
<td>4</td>
<td>621</td>
<td>871</td>
<td>47</td>
<td>1,543</td>
</tr>
<tr>
<td>Health and Welfare</td>
<td>0</td>
<td>455</td>
<td>441</td>
<td>0</td>
<td>896</td>
</tr>
<tr>
<td>Information and Communication Technologies</td>
<td>0</td>
<td>156</td>
<td>372</td>
<td>27</td>
<td>555</td>
</tr>
<tr>
<td>Natural Sciences, Mathematics and Statistics</td>
<td>0</td>
<td>146</td>
<td>605</td>
<td>85</td>
<td>836</td>
</tr>
<tr>
<td>Sciences, Mathematics and Computing</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Services</td>
<td>91</td>
<td>630</td>
<td>160</td>
<td>6</td>
<td>887</td>
</tr>
<tr>
<td>Social Sciences, Business and Law</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Social Sciences, Journalism and Information</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>120</strong></td>
<td><strong>2,995</strong></td>
<td><strong>4,420</strong></td>
<td><strong>466</strong></td>
<td><strong>8,001</strong></td>
</tr>
</tbody>
</table>

CIT Annual Report 2017/18
Student Whole-Time Equivalent Percentage Distribution – Cork Institute of Technology for 2017/18

<table>
<thead>
<tr>
<th></th>
<th>Actual</th>
<th>WTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WT Higher Cert &amp; Degree (Levels 6,7,8,9,10)</td>
<td>8,380</td>
<td>8,005</td>
</tr>
<tr>
<td>Fáilte Ireland Apprentice</td>
<td>46</td>
<td>53</td>
</tr>
<tr>
<td>Other Apprentice</td>
<td>880</td>
<td>440</td>
</tr>
<tr>
<td>Part-time &amp; Evening</td>
<td>6,466</td>
<td>1,744</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15,772</strong></td>
<td><strong>10,242</strong></td>
</tr>
</tbody>
</table>
Student WTE Percentage Distribution - Cork Institute of Technology for 2017/18

- WT Higher Cert & Degree (Levels 6,7,8,9,10), 78%
- Part-time & Evening, 17%
- Fáilte Ireland Apprentice, 1%
- Other Apprentice, 4%
3.11 Student and Graduate Prizes & Achievements

1. **Billy Lyons** BSc in Information Technology and **John Buckley** BBus (Hons) in Accounting were part of the successful Kerry Hurling team who captured the All Ireland U21 B Championship on 9 September 2017. **Robbie Hanley** 4th year BBus (Hons) in Business student and his team-mate **Darragh Fanning** 3rd year BBus in Business were part of the Limerick team that captured the All Ireland U21 A Hurling trophy with a win over Kilkenny at the same weekend.

2. Following an extensive month-long adjudication process undertaken by a distinguished panel of international judges, CIT’s Gasgon Medical Student team of **Vincent Forde** and **Conor O’Brien** won the University Start Up World Cup HealthTech Leadership Award on 19 October 2017.

3. Conferring of Degrees and Other Awards for the Faculty of Engineering & Science took place on 19 October 2017. There were three conferring sessions and 809 graduands obtained their parchments.

4. The Faculty of Business & Humanities Awards also took place on 19 October 2017. This event celebrated the achievements of the best graduates from the Schools of Business and Humanities. 46 Awards were presented.

5. Conferring of Degrees and Other Awards for the School of Humanities, CIT CCAD and CIT/UCC Joint Awards took place on 20 October 2017. There were three conferring sessions. 566 graduands from the School of Humanities, 163 graduands from CIT CCAD and 91 joint CIT/UCC graduands obtained their parchments.

6. The CIT CSM Award Ceremonies took place on 20 October 2017. 29 full-time and 187 part-time awards were presented. The following awards were presented to students who completed the Junior Musicianship and Senior Musicianship cycles last June:

<table>
<thead>
<tr>
<th>Award</th>
<th>Name</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>The most distinguished student in the Junior Cycle</td>
<td>Sarah Jane Kennedy</td>
<td>The Department of Keyboard Studies</td>
</tr>
<tr>
<td></td>
<td>Oscar Casey &amp; Alexander O’Rourke</td>
<td>The Department of String Studies</td>
</tr>
<tr>
<td></td>
<td>Ella McCarthy &amp; Clodagh Sweeney</td>
<td>The Department of Wind, Percussion, Voice &amp; Drama Studies</td>
</tr>
<tr>
<td>The most distinguished student in the Intermediate Cycle</td>
<td>Loraine O’Donovan (The Maud O’Hanlon Perpetual Trophy)</td>
<td>The Department of Keyboard Studies</td>
</tr>
<tr>
<td></td>
<td>Kate O’Shea (The Bernard B. Curtis Memorial Trophy)</td>
<td>The Department of String Studies</td>
</tr>
<tr>
<td></td>
<td>Instrumental: Karl Sullivan &amp; Eimear Corby</td>
<td>The Department of Wind, Percussion, Voice &amp; Drama Studies</td>
</tr>
<tr>
<td></td>
<td>Drama: Amaya Gillespie</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vocal: Marnina Winkler</td>
<td></td>
</tr>
<tr>
<td>The most distinguished student in the Senior Cycle</td>
<td>Kevin Jansson (The Bridget Doolan Perpetual Trophy)</td>
<td>The Department of Keyboard Studies</td>
</tr>
<tr>
<td></td>
<td>Callum Owens &amp; Stéphane Petiet</td>
<td>The Department of String Studies</td>
</tr>
<tr>
<td></td>
<td>Instrumental: Eoin Allen</td>
<td>The Department of Wind, Percussion, Voice &amp; Drama Studies</td>
</tr>
<tr>
<td></td>
<td>Drama: Abigail Owens</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vocal: Fiona Falvey</td>
<td></td>
</tr>
<tr>
<td>The most distinguished students in the Department of Musicianship &amp; Academic Studies</td>
<td>Laoise Deasy</td>
<td>Windwise Programme</td>
</tr>
<tr>
<td></td>
<td>Aisling Martin</td>
<td>Junior Musicianship</td>
</tr>
<tr>
<td></td>
<td>Cian Deasy</td>
<td>Senior Musicianship</td>
</tr>
</tbody>
</table>
On 20 October 2017 awards were presented to full-time students as follows:

<table>
<thead>
<tr>
<th>Award</th>
<th>Name</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>The highest-placed Bachelor of Music (Hons) Degree Students</td>
<td>Serena Sheane</td>
<td>Year 1</td>
</tr>
<tr>
<td></td>
<td>Gráinne Ní Luasa</td>
<td>Year 2</td>
</tr>
<tr>
<td></td>
<td>Rebecca Archer</td>
<td>Year 3</td>
</tr>
<tr>
<td></td>
<td>David McElroy</td>
<td>Year 4 (BMus Student of the Year)</td>
</tr>
<tr>
<td></td>
<td>Aoife Chawke</td>
<td>The best dissertation</td>
</tr>
<tr>
<td></td>
<td>Anthony Mulholland</td>
<td>John Vallery Memorial Travelling Scholarship</td>
</tr>
<tr>
<td></td>
<td>Murrough Connolly</td>
<td>Barbara Harris Memorial Travelling Scholarship</td>
</tr>
<tr>
<td></td>
<td>Gráinne Ní Luasa</td>
<td>The Douglas Gunn Cup</td>
</tr>
<tr>
<td>The highest-placed Bachelor of Arts (Hons) in Popular Music Degree students</td>
<td>Conor O’Brien</td>
<td>Year 1</td>
</tr>
<tr>
<td></td>
<td>Alison Ronayne</td>
<td>Year 2</td>
</tr>
<tr>
<td></td>
<td>Louis Cormack</td>
<td>Year 3</td>
</tr>
<tr>
<td></td>
<td>Dearbhaile Maclean</td>
<td>Year 4 (BAPM Student of the Year)</td>
</tr>
<tr>
<td>The highest-placed Bachelor of Arts (Hons) in Theatre &amp; Drama Studies Degree students</td>
<td>Dearbhaile Skehan</td>
<td>Year 1</td>
</tr>
<tr>
<td></td>
<td>Amber Deasy</td>
<td>Year 2</td>
</tr>
<tr>
<td></td>
<td>Sinéad Pollard</td>
<td>Year 3</td>
</tr>
<tr>
<td></td>
<td>Aisling McCarthy</td>
<td>Year 4 (BATDS Student of the Year)</td>
</tr>
<tr>
<td>The highest-placed Masters students</td>
<td>Miriam Roycroft</td>
<td>Taught Masters in Music (Performance, Conducting, Composition)</td>
</tr>
<tr>
<td></td>
<td>Luke Daly</td>
<td>Taught Masters in Music &amp; Technology</td>
</tr>
</tbody>
</table>

7. Conferring of Degrees and Other Awards for the Faculty of Business took place on 23 October 2017. There were three conferring sessions and 810 graduands obtained their parchments.

8. The CIT CSM Full-Time and Part-Time Student Awards took place on 23 October 2017. 29 full-time and 187 part-time awards were presented.

9. Conferring of Degrees on students of CIT CSM took place on 26 October 2017. 102 graduands obtained their parchments.

10. CIT CSM’s Capella Lyrica (a 35 strong choir of full-time students) won first prize in the Female-voice competition, and also top prize at the Derry International Choral Festival on Sunday 29 October 2017.

CIT Annual Report 2017/18
11. The Men’s and Women’s FAI Cup Finals took place at the Aviva Stadium on Sunday 4 November 2017.

- Cork City FC women’s team earned a 1-0 victory over UCD Waves. Current students, former students and staff members played instrumental roles in helping both teams of Cup Final Success. Representing the women’s team were Amanda Budden (Recreation & Leisure Management 2016, BBus (Hons) 2017), Nathalie O’Brien (Recreation & Leisure Management 2016, BBus (Hons) 2017, CIT Gym Staff member) and Courtney O’Keeffe (Recreation & Leisure Management 2016, BBus (Hons) 2017) and Kate O’Donovan (Biological Sciences Year 1).

- Representing the men’s team were Alan Bennett, Team Captain (Recreation & Leisure Management 2004, BBus (Hons) 2005).

12. From 9 – 23 November 2017, the Arts Office presented the STEAM Award Exhibition at the James Barry Exhibition Centre. The award is presented to artists at the CIT CCAD Fine Art Degree Show whose work responds to or investigates scientific themes, processes, or methodologies, in new and innovative format. 2017 recipients were Liudmila Kalinka and Shane Power.

13. The Faculty of Business and Humanities honoured three of its most prestigious graduates at the inaugural Faculty Alumni Awards Dinner on 23 November 2017 in CIT. Peter Kelly, John Cleary and Will Sliney were each presented with an award made by CIT CCAD student Barbara Kenneally.

14. The Annual Presentation of Institute Prizes honouring our outstanding graduates of 2017 took place on 27 November 2017 in the Council Room. Seventeen graduates were presented with the following awards:

<table>
<thead>
<tr>
<th>Name</th>
<th>Course</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anne O’Toole</td>
<td>Bachelor of Business in Accounting</td>
<td>Best Bachelor Degree Student</td>
</tr>
<tr>
<td>Amy Kate Fala</td>
<td>Bachelor of Science in Food and Health Science</td>
<td>Best Bachelor Degree Student</td>
</tr>
<tr>
<td>Caomha Conlon</td>
<td>Bachelor of Engineering in Electronic Engineering</td>
<td>Best Bachelor Degree Student</td>
</tr>
<tr>
<td>Shane Daniel Wright</td>
<td>Bachelor of Science in Nautical Science</td>
<td>Best Bachelor Degree Student</td>
</tr>
<tr>
<td>Dexter O’Regan</td>
<td>Bachelor of Business (Hons) in Information Systems</td>
<td>Best Honours Degree Student</td>
</tr>
<tr>
<td>David William Jermyn</td>
<td>Bachelor of Engineering (Hons) in Electrical Engineering</td>
<td>Best Honours Degree Student (Joint Award)</td>
</tr>
<tr>
<td>Paul Richard Kingston</td>
<td>Bachelor of Engineering (Hons) in Electrical Engineering</td>
<td>Best Honours Degree Student (Joint Award)</td>
</tr>
<tr>
<td>Helen O’Shea</td>
<td>Bachelor of Arts (Hons) in Contemporary Applied Art (Ceramics, Glass, Textiles)</td>
<td>Best Honours Degree Student</td>
</tr>
<tr>
<td>Jane Delaney</td>
<td>Higher Diploma in Data Science &amp; Analytics</td>
<td>Best Honours Degree Student</td>
</tr>
<tr>
<td>Mary Hegarty</td>
<td>Bachelor of Music (Hons)</td>
<td>Best Honours Degree Student</td>
</tr>
<tr>
<td>Colin Gerard McGrath</td>
<td>Bachelor of Science (Hons) in Nautical Science</td>
<td>Best Honours Degree Student</td>
</tr>
<tr>
<td>Roisin O’Brien</td>
<td>Master of Arts in Art Therapy</td>
<td>Best Taught Masters Degree Student</td>
</tr>
<tr>
<td>Elliot Lawler</td>
<td>Master of Science in Information Security</td>
<td>Best Taught Masters Degree Student</td>
</tr>
<tr>
<td>Claire O’Donoghue</td>
<td>Master of Science in Marketing Practice</td>
<td>Best Taught Masters Degree Student</td>
</tr>
<tr>
<td>Richard John Paul Gough</td>
<td>Master of Engineering in Mechanical Engineering</td>
<td>Best Taught Masters Degree Student</td>
</tr>
<tr>
<td>Siun Milne</td>
<td>Master of Arts in Music Performance</td>
<td>Best Taught Masters Degree Student</td>
</tr>
<tr>
<td>Siun Milne</td>
<td>Master of Arts in Music Performance</td>
<td>Best Overall Student</td>
</tr>
<tr>
<td>Jodie Kerins</td>
<td>Professional Master of Education in Art &amp; Design</td>
<td>Marshall Hutson Award – Best Art Education Student</td>
</tr>
</tbody>
</table>

15. The annual Faculty of Engineering & Science Awards Ceremony was held on 28 November 2017. This event celebrated the achievements of the best graduates from the Faculty. 60 awards were presented.

16. The Institute of Designers Ireland Graduate Design Awards 2017 took place in Dún Laoghaire Institute of Art, Design and Technology on 30 November 2017 with entries from 484 graduates. A number of CIT graduates had been shortlisted. The following are the CIT winners and their categories:
17. CIT CSM student **Kevin Janssen** was awarded the ‘Cork Person of the Month Award’ for January 2018.

18. CIT hosted Debate Science: European Student Parliament from 24 – 26 January 2018. Six students were selected to attend the 2018 Final European Student Parliament Opening Ceremony and some of the key ESOF public engagement events held in Toulouse, France in July.

19. CIT/CAPPA PhD student **Simone Ladanza** gained first place in the Famelab Cork competition, which promotes communication of advanced scientific research concepts to the general public.

20. Conferring of Degrees and Other Awards took place in the NMCI on 15 February 2018. 95 graduands obtained their parchments.

21. On the 16th February 2018, **Nick Bailey** who completed the BEng (Hons) in Structural Engineering programme as an online student, was presented with the Level 8 Student Award at the Republic of Ireland branch of the Institution of Structural Engineers Annual Dinner and Student Awards.

22. The Irish Athletic Third Level Boxing Association (IATBA) Intervarsity Championships took place in the National Boxing Stadium, Dublin from 4 – 17 March 2018 with the finals taking place on St Patrick’s Day. The CIT Boxing Club, led by Club Captain **Alex O’Keeffe** and coached by **John O’Donovan**, returned with 4 Gold medals and 2 Silver medals. The list of medal winners are as follows:

   - Daniel Glavin: Gold Medallist
   - Patricia O’Sullivan: Gold Medallist
   - Paul Barathay: Gold Medallist
   - Ahmed Kone: Gold Medallist
   - Chloe Healy: Silver Medallist
   - Ian Kelleher: Silver Medallist

24. The President and Chairman of Governing Body presented the CIT Rísam Scholarships 2017 at a ceremony on 12 March 2018 in the Council Room. The Rísam initiative was developed by the School of Graduate Studies as part of an ongoing commitment to Doctor of Philosophy Education and Research. The scholarships are a full scholarship covering fees, a monthly stipend and some other relevant expenses. The Institute received over 50 Rísam PhD applications which involves a full research proposal by potential academic supervisors and prospective PhD students. Each of these full proposals was reviewed by an experienced external Higher Education panel and from these, 5 proposals were recommended for funding. The recipients are engaged in multifaceted research in the general public health field. The following is a list of the awarded PhD Scholarships:
Recipient | Department | Title and Research Proposal
---|---|---
Sarah Davis | Management & Enterprise | Smart Ageing and Renewal through Entrepreneurial Skills Training
Madhumidha Murugan | Physical Sciences | On chip, compact and low cost optical sensors
Averil Kiely | Biological Sciences | Targeting the DNA Damage Response in Cancer: Functional characterisation of novel protein interactors
Garreth Lawrence | Biological Sciences | Battle of the bugs: development of a microbially-derived therapy against Fusobacteriul nucleatum, a bacterial pathogen linked with colorectal cancer
Susan Goulding | Biological Sciences | Defining the potential of gene therapy with Bone Morphogenetic Protein 2 (BMP2) as a novel therapeutic approach in Parkinson’s disease

25. The Presentation of the 22nd CIT Student Societies & Activities Awards 2018 took place on 21 March 2018 in the Nexus Hall, Bishopstown Campus. Fifteen Awards were presented. The Awards Ceremony provided an opportunity to recognise the voluntary contribution of the societies’ committees’ officers who co-ordinated activities in societies throughout the academic year.

| Society Awards |
|---|---|
| Society of the Year | Indian Society |
| Best Academic Society | Civil & Structural Engineering |
| Best New Society | Debate |
| Supreme Event | “Bad Girls” - Musical |
| Best Small Event | “Mean Girls” Prom - LGBT |
| Risam Ulile Award | “Cocoon” & “Trash 2 Cash” |
| Most Improved Society | Anime & Manga |

**Supreme Achievement in Society & College-wide Activities**

Kiran Shaju, Biomedical Engineering 4th Year | Team Leader, Enactus

| Individual Awards |
|---|---|---|
| Avinash Nagarajan, Computer Systems, 2nd Year | Indian, ISS |
| Ellen Twomey, Pharmaceutical Biotech, 4th Year | Anime & Manga, Biotechnology |
| Konrad Im, Community Development, 1st Year | LGBT |
| Oscar Ting, Chemical & Biopharmaceutical Engineering, 3rd Year | International Students |
| Alison Spiter, Nutrition & Health Science, 4th Year | Dance |
| Maggie Keating, Theatre & Drama Studies, 3rd Year | Musical |

**Best Fresher**

Nuttawud (Zach) Nutchanat, Business Administration, 1st Year | LGBT & Enactus

26. On 19 April 2018, the Students’ Union hosted the Union Council Awards at which Class Reps were presented with Certificates of Merit in recognition of their voluntary contribution to campus life by Dr Barry O’Connor, President, Dr Áine Ni Shé, Registrar & Vice President for Academic Affairs, and Dr Dan Collins, Academic Administration & Student Affairs Manager. Class Reps are at the core of the Students’ Union’s growth and development and play a key role in the communication process between students, staff and the Students’ Union. They contribute greatly to student engagement in CIT at both a local and national level. This year 84 nominations were received. The Award Recipients were:

- Jamie Cotter, Computer Systems, 2nd Year
- Konrad Im, Community Development, 1st Year
- Megan Kearney, IT Management, 4th Year
- Nuttawud (Zack) Nutchanat, Business Administration, 1st Year
- Owen Good, Marketing, 1st Year
- Ronan Burke, Creative Digital Media, 1st Year

Konrad Im was awarded the prestigious CIT’s “Presidential Citation” recognising his exceptional and outstanding service to the Students’ Union at CIT.
On 25 April 2018, the CIT Sports Awards 2018 took place in the Tourism & Hospitality building. A wonderful gathering of students, staff, retired staff, coaches, parents, representatives from various Governing Bodies and friends gathered to applaud the valued contribution of Sports Clubs and their members in supporting the student-centred experience.

This event provided the ideal opportunity for the Institute to recognise students who have excelled in their chosen sport throughout the past academic year. The awards are based on outstanding achievements in their sport and/or administration of clubs within the Institute. Awards were presented as follows:

### CIT Sports Award Recipients 2018

#### 11 Individual Award Winners

<table>
<thead>
<tr>
<th>Name</th>
<th>Club</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrick Bracken</td>
<td>Hurling</td>
<td>Accounting</td>
</tr>
<tr>
<td>Shane O’Leary</td>
<td>Karting</td>
<td>Advanced Manufacturing Technology</td>
</tr>
<tr>
<td>Rachel O’Mahony</td>
<td>Powerlifting</td>
<td>Applied Biosciences and Biotechnology</td>
</tr>
<tr>
<td>Paul Murphy</td>
<td>AFL</td>
<td>Business Studies</td>
</tr>
<tr>
<td>Zuzana Hustakova</td>
<td>Tennis</td>
<td>Chemical &amp; Process Engineering</td>
</tr>
<tr>
<td>David Mulcahy</td>
<td>Badminton</td>
<td>Construction Management</td>
</tr>
<tr>
<td>Conor Haughton</td>
<td>Sailing</td>
<td>Nautical Science</td>
</tr>
<tr>
<td>Andrew Jeffers</td>
<td>Canoe</td>
<td>Software Development &amp; Computer Networking</td>
</tr>
<tr>
<td>Raymond Walsh</td>
<td>Athletics</td>
<td>Sport and Exercise</td>
</tr>
<tr>
<td>Anthony Casey</td>
<td>Football</td>
<td>Sport and Exercise</td>
</tr>
<tr>
<td>Ross O’Connor</td>
<td>Powerlifting</td>
<td>Transport Management</td>
</tr>
</tbody>
</table>

#### Fresher of the Year Award

- **David Kenny**  
  - University Outdoor Track & Field Race-walk Championship Winner  
  - National Junior 10km Championships Gold Winner

#### Graduate Achievement Award

- **Derek Kavanagh**  
  - Bachelor of Science Graduate (2002)  
  - Department of Applied Physics & Instrumentation  
  - All Ireland Medal Winner  
  - Former Sigerson Player

#### Rísam Uile Awards x 2

1. Karting Club
2. Boxing Club

#### Club of the Year Award

- Powerlifting Club

The 32nd Cork Mechanical, Manufacturing & Biomedical Engineering Exhibition took place on 26 April 2018 in the Nexus Hall, Student Centre, Bishopstown Campus. The 2018 Exhibition theme was “Universal Design – Design for All regardless of their age, size or disability.” Now in its 32nd year, the Cork Mechanical, Manufacturing and Biomedical Engineering Exhibition with over 200 stands is Ireland and Europe’s largest educational engineering event. Combining entrepreneurship, multidisciplinary innovative product development and industrial participation, the student centric event has featured many major themed exhibits, including Formula 1 cars and reproductions of Leonardo da Vinci’s studio/inventions. The Cork exhibition is a seminal fixture in promoting engineering on a national/international level and engineering a highly successful campus educational innovation eco-system.

Prior to the launch of the Exhibition, the following outstanding achievement awards were presented:
Presentation of CIT Awards by the President:

<table>
<thead>
<tr>
<th>No.</th>
<th>Award Title</th>
<th>Recipient</th>
<th>In recognition of outstanding achievements including:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Richard Hale Memorial Award</td>
<td>Pendulife TM Medical Transport Device Design and Development CIT Multidiscipline Start-Up Student Innovation Team <strong>Ciara Doherty, Patrick Collins, Richard Moynahan, Keith Lawlor, Pádraig O’Callaghan, Yola Versteegh</strong></td>
<td>Enterprise Ireland Student Entrepreneur National Finals Intel ICT National Award Winner 2017 CIT Prize for Innovation Best Business Opportunity Institute Award Winner 2017</td>
</tr>
</tbody>
</table>

29. The Universal Design Grand Challenge Finals 2018 took place at the Radisson Blu Hotel in Golden Lane, Dublin on 24 May 2018. The Universal Design Grand Challenge promotes and awards excellence in student projects that feature solutions that work for everyone and is open to third-level students in their final two years of study, post grads and recent graduates to enter their best student project to compete for the Award. There were four shortlisted CIT projects:

<table>
<thead>
<tr>
<th>Individual/Team</th>
<th>Project</th>
<th>Category</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT Multidisciplinary Innovative Product Development Laboratories Team</td>
<td>Safety Snooze</td>
<td>Information and Communication Technology</td>
<td>First Place</td>
</tr>
<tr>
<td>CIT Multidisciplinary Innovative Product Development Laboratories Team</td>
<td>ZipIt!</td>
<td>National Disability Authority People’s Choice Award</td>
<td>First Place</td>
</tr>
<tr>
<td><strong>Frank Dowling, BSc (Hon) Architecture, CIT/UCC CCAE</strong></td>
<td>Bantry Town - Multi Generational Social Housing Project</td>
<td>Built environment</td>
<td>First Place</td>
</tr>
<tr>
<td>CIT Multidisciplinary Innovative Product Development Laboratories Team</td>
<td>Poschair</td>
<td>National Disability Authority Universal Design Grand Challenge</td>
<td>Finalist Award</td>
</tr>
</tbody>
</table>

30. The Global Citizens Award 2018 took place on 19 May 2018 at the President’s Hall, Blackhall Place, Smithfield, Dublin. This event honoured the hard work of returned international volunteers who received their Bronze, Silver and Gold Global Citizen Award. The Global Citizen Award is a programme that encourages international volunteers to use their overseas experience to take action and raise awareness of global justice on their return to Ireland. Social Care student **Caroline Wright** received the bronze Global Citizen Award following her volunteering with SERVE in Mozambique during the summer of 2017. Social Care graduate and current Societies Intern **Jackie Ní Fhogartaigh** also received a silver Global Citizen Award for her volunteer work with EIL Ireland in Guatemala.

31. The Summer Conferring of Degrees and Other Awards took place in the NMCI on 20 June 2018. 82 graduands received their parchments.
32. PhD student **Yvonne O’Byrne**, member of the Irish Women’s Hockey team won a Silver Medal at the Women’s Hockey World Cup which took place at the Lee Valley Hockey and Tennis Centre in London from 21 July to 5 August 2018.

33. Three documentaries by graduates of the Department of Media Communications’ MA in Journalism with New Media programme were showcased in the Rory Gallagher Theatre. The three films **Every Step I Take** by **Jennifer Regan**, **A Sea of Plastic** by **Manuela Dei Grandi** and **Re-Joyce - Poetry in Modern Ireland** by **Ryan Grace** were selected to take part in 2018’s CampusDoc International Student Film Festival in the Netherlands.

34. The Environmental Science Association of Ireland Postgraduate Researcher of the Year award was won by CIT postgraduate student and researcher **Philip Shine**. Philip was a doctoral research student under the supervision of Dr Michael D. Murphy and Dr Ted Scully in the MeSSO research group in the School of Mechanical, Electrical and Process Engineering in CIT.

35. The first Janssen/CIT Pharmaceutical Biotechnology Degree Scholarship has been awarded to **Tadhg McCarthy**, Bachelor of Science (Hons) in Pharmaceutical Biotechnology degree course. This annual bursary comprises of financial support for the duration of the course and an opportunity for work placement at Janssen Sciences Ireland UC’s Ringaskiddy campus.
3.12 Student Ombudsman

The Governing Body approved the Student Grievance Policy at its meeting of 1 July 2010. This policy required the establishment of a new role of “Student Ombudsman” in CIT and set out terms of reference for this role reporting to the President.

The Student Ombudsman advises and assists students with the resolution of difficulties, complaints or grievances involving staff or services of the Institute in an informal manner.

The services provided by the Student Ombudsman may refer relevant student issues for resolution by those services as appropriate.

All enquiries to the Student Ombudsman are confidential, except in cases of serious threat to life or property.

Appointment of Student Ombudsman

Nominations were sought from the academic staff. The appointment of the following was made by the President following a review which included the Registrar & Vice President for Academic Affairs, and the President of the Students’ Union.

- Mr Paul Sliney, retired member of the academic staff appointed from 24/9/2010 to 31/1/2012.
- Mr Kevin Kelly, retired member of the academic staff appointed from 1/2/2012 to 31 January 2013.
- Mr John P. Murphy, retired member of the academic staff appointed on 1/2/2013.
3.13  Access Service Report

CIT Access Service is committed to widening participation, increasing access and supporting positive educational outcomes for under-represented groups. The Access Service is strongly committed to providing a high quality, professional and student-centred service. This is achieved by a strong commitment to the principles of social inclusion and by working locally, regionally and nationally in partnership with key stakeholders.

The Access Service provides a range of supports for student groups who are under-represented at third-level. We support students with disabilities, mature students, Further Education award holders, students who experience socio-economic disadvantage, and members of minority ethnic groups.

The Access Service provides a wide range of pre-entry, entry, and post-entry supports that enhance the academic experience and learning outcomes of the students who engage with the Service. Supports include personal; academic; and financial supports.

Learning City

CIT was involved in the Growing Lifelong Learning initiative with colleagues in Cork City Council, Cork Education & Training Board (Cork ETB) and UCC in a bid to host the 3rd UNESCO international conference on Learning Cities in Cork. In September 2017, Cork hosted this three-day conference which brought together over 500 representatives of the UNESCO Global Network of Learning Cities. The aim of the conference was to guide cities in implementing lifelong learning to support the achievement of the UN Sustainable Development Goals (SDGs) at the local level.

More specifically, the objectives of the conference were to develop an understanding of the role of lifelong learning in achieving the SDGs and propose actions for implementing lifelong learning in cities for the achievement of the SDGs. Speakers at the Opening Ceremony included Cllr. Tony Fitzgerald, Lord Mayor of Cork, Minister Mary Mitchell O’Connor and Mr Ed Lee, Mayor of San Francisco, USA, one of Cork’s twin cities.

Keynote speeches were by the Cork partners involved in implementing UNESCO’S key features of Learning Cities: Ms Ann Doherty, CE Cork City Council, Mr Ted Owens, CE, Cork Education & Training Board, Dr Barry O’Connor, President, CIT, and Prof. Patrick O’Shea, President, UCC on promoting integrated governance and multi-stakeholder partnerships to ensure the sustainable future of cities.

Site visits to Learning neighbourhoods and the partners from the Cork Learning City programme were incorporated. Delegates who signed up for the CIT tour were brought to the NMCI, introduced to the Institute by the President, and a tour of the facilities was conducted by Mr Conor Mowlds, Head of NMCI. Colleagues from across the faculties were involved in showcasing CIT in the best possible light.

The Learning City initiative is ultimately about enhancing the quality of life for citizens in each partner country; in particular the areas of education and learning, health, community, ecology, and economy. CIT is committed to supporting Cork to create an inclusive, sustainable Learning City for everyone, throughout their lives. Through strategic partnerships with Cork City Council, Cork ETB, UCC, HSE and long-term planning and multi-agency cooperation, our efforts have been recognised by UNESCO, as we move to achieve Learning City status.

EcCo Well

EcCo Well is an integrated approach to deliver better quality of life to citizens in a sustainable way. EcCo Well promotes integrating strategies to maximise the positive impacts on the health and educational opportunities of all citizens as well as developing the environmental and economic sustainability of the city, resulting in greater equality, social inclusion, and ultimately quality of life.

In January 2018, the EcCo Well committee organised an Open Space Seminar ‘What’s on Your Mind?’ which lifted the lid on mental health activities in Cork. A number of CIT colleagues attended this event. Inputs included: Infant Mental Health (Young Knocknahaeney), Outdoor Play & Mental Health: Mucky Boots, PSYCHED Workplace Mental Health Promotion, Brain - Gut Microbiome: UCC, Well-Being Programme Post Primary Schools.

Cork Prison Service Programme

During the past academic year, CIT established a relationship with colleagues from the Cork Prison Service. In December 2017, an invitation was issued to Peter O’Brien, Deputy Governor, Edel Cunningham, Head of Education, and Colm Carey,
Resettlement Coordinator and graduate of CIT, to present at the Senior Staff meeting in December to provide information on the learning opportunities for prisoners and their families through the Dillon’s Cross Project.

Later that month, the Access Officer organised for more than 20 CIT staff to visit the Cork Prison Open Day where staff had an opportunity to engage with prisoners and view the education facilities there. Arising from this initial engagement, the Access Service organised a six-week pilot ‘Lecture Series’ programme to prisoners. 62 prisoners were involved. As part of the programme, the Access Service also engaged with the wives, girlfriends, and mothers of prisoners through the Dillon’s Cross Project and offered them an opportunity to avail of the same lectures.

Programme for Access to Higher Education (PATH) Funding

The Department of Education and Skills announced the Path Funding which is a targeted funding scheme established to support implementation of the National Plan for Equity of Access to Higher Education 2015-2019. The National Access Plan contains a number of targets to increase participation by specific categories of students. Target groups include entrants from under-represented socio-economic groups and communities; entrants with disabilities; mature entrants; members of the Irish Traveller community; students entering on the basis of a further education award; and part-time flexible learners.

The Access Officer and Disability Officer were engaged in the submission for the PATH Funding. Funding was sought by Regional Cluster South involving CIT, UCC, IT Tralee, WIT, and IT Carlow (UCC being the lead institution). The Cluster secured PATH 2 funding (1916 Bursaries) for thirty-five student bursaries (seven per HEI) and PATH 3 funding to deliver the SOAR Project.

The SOAR Project (PATH 3) has three key strands - Travellers in Education, Enabling Transitions, and Connecting Communities Connecting Curriculum. The project which will commence in September 2018 will develop community-embedded and culturally sensitive models for increasing educational aspiration and achievement. One of the key outcomes of the SOAR project is the development of Cluster structures that will enable the sharing of best practice across institutions resulting in synergies in the development of new initiatives.

Linked Schools Programme

The Access Service Linked Schools Programme works in partnership with school staff, local communities, CIT staff, and students from primary and second-level schools to support greater participation by students who experience socio-economically disadvantage in higher education. In the previous academic year, the CIT Access Service worked with 21 second-level schools in the City and County. In September 2017, this increased to 22 following the Delivering Equality of Opportunity in Schools (DEIS) Review and the identification of Gaelcholaiste Mhuire AG as a DEIS school.

CIT Access Service annually provides a range of programmes and supports for second-level Linked Schools in Cork. The Access Service supports students who experience socio-economic disadvantage in applying to higher education through a comprehensive programme of initiatives for schools and communities under the Linked Schools Programme. The programme aims to:

- Facilitate access to higher education for students who experience socio-economically disadvantage incorporating ethnic minority students through higher education access entry routes.
- Facilitate access to entry routes into CIT (Progression Scheme).
- Provide a range of post-entry supports for students to aid their transition into third-level education.

Two Project Coordinators work with 11 schools each. The relationship with Principals, Guidance Counsellors and Home School Community Coordinators in the second-level Linked Schools has grown from strength to strength. The pre-entry programme of supports for schools includes; Teacher Review Meetings, Maths Week Initiatives, Science Week Initiatives, Study Skills Saturday, Parents Information Sessions, etc.

Collaboration with Private Sector

CIT Access Service has been involved with the private sector on pre-entry programmes which promote transfer into third-level with a particular focus on science and engineering. The most successful of these programmes is the Access to Education, Bridge to Employment (ATE BTE) Programme. Now in its fourth phase and 12th year, the programme has worked with hundreds of second-level students and has also provided bursaries to students who progress onto further education and higher education.

Progression Scheme (PS) for Linked Schools

The Project Coordinators work with senior cycle students in Linked Schools to inform students of the PS for Linked Schools. The PS is a supplementary admissions scheme to CIT for school leavers from the 22 Linked Schools. Successful applicants are
given the opportunity to apply for programmes of study in CIT on a reduced points’ basis. The Institute provides post entry support for the participants in the form of induction and orientation, academic supports, educational guidance, and financial assistance.

Science for Life
An initiative for Access Linked Schools

The main aim of the programme is to encourage, support and motivate students to study science at junior and senior cycle level in post primary schools and to study science at third level.

During the year, the work of the Science for Life Programme was managed by Dr Sharon Lawton with support from Roisin Ormond, Access Intern and David Hodge. Funding was approved by the Access Funding Committee to appoint David Hodge for one day per week for the duration of the academic year, to support Dr Lawton in the delivery of the Science for Life initiatives. Dr Lawton and David Hodge co-wrote a funding application to SFI and were successful in bringing in almost €300,000 to expand the VEX robotics competition.

Mature Student Programme

CIT strongly encourages applications from mature candidates and is continually developing wider entry routes in order to increase participation of adult learners. Significant changes at national level in relation to financial support for adult learners who study full time and an increase in employment figures has had a serious impact on the work that we do.

Heads of Department have made significant efforts to increase the number of mature students in CIT. However, there are so many external factors impacting on mature study entry today. Despite a substantial number of applications from mature students, the number of acceptances for courses can be low relative to this. Increased job opportunities have had a negative impact on CIT achieving the national targets that have been set for Mature Learners. One hundred and forty-four (increase of nine) Mature Entrants registered on a programme of study in CIT for the academic year 2017/2018.

CIT Disability Support Service (DSS)

The DSS, which is managed by the Disability Support Officer, Laura Coleman, promotes an inclusive educational environment, where independent learning and the development of skills that are transferable to the workplace is encouraged. It is estimated that students with disabilities currently make up 5.7% of the total higher education student population in 2016/17 (AHEAD, 2018). The DSS staff team is comprised of 4 full-time members of staff (Disability Officer, Disability Projects Coordinator, Assistive Technology Officer, and Learning Support Coordinator), as well as two staff members who work part-time as Learning Support in NMCI, CIT CCAD, and CIT CSM.

Numbers of students registered with the DSS

A total of 801 students registered with the DSS in 2017/18, up by 6% from 756 in 2016/17. There were 641 full-time students and 161 part-time students including apprentices. The overall figure also included 54 mature students and 4 international/Erasmus/non-EU students. This represents 6.4% of the total CIT student population (12,530) and an increase from 6.2% in 2016/17.

The DSS registered 204 new entrants (a 13% rise from 181 in 2016/17). The total new DSS registrations was 268 in 2017/18 (includes direct entry students, international/Erasmus students and apprentices), a rise of 6% from 253 in 2016/17.

The numbers of DSS students on the Autism Spectrum (up by 17%), Mental Health difficulties (up by 41%) and Significant Ongoing Illnesses (up by 25%) continued to increase this year. There was increase in students with a Visual Impairment this year, but a decrease in students with a Hearing Impairment. The numbers of students with Specific Learning Differences has continued to be high, partly due to the continued increase in apprentices registering with the DSS this year. A total of 31% of DSS students had two or more learning differences, health conditions or disabilities.

Fund for Students with Disabilities (FSD)

The FSD is funded by the Irish Government and co-funded from the European Social Fund (ESF) Programme for Employability, Inclusion and Learning (PEIL) 2014-2020, it provides the chief source of funding for supports for eligible DSS students. The numbers of CIT students eligible for funding has increased significantly this year (7.7% increase on last year).

CIT and Disability Access Route to Education (DARE)

DARE is a third-level alternative admissions scheme for school-leavers whose disabilities have had a negative impact on their
second-level education. DARE offers reduced points places to school leavers who as a result of having a disability have experienced additional educational challenges in second-level education. CIT has been part of DARE since 2012 and it is one of the key mechanisms CIT uses to promote access to and increase the participation of students with learning differences, medical conditions, and disabilities who are one of the under-represented groups in higher education.

Financial Support

The main source of financial support available to students outside of the national Student Universal Support Ireland (SUSI) Scheme is the ESF Student Assistance Fund (SAF). The SAF provides financial assistance for full-time students who are experiencing financial difficulties whilst attending college. Students can apply for Student Assistance to help them with either temporary or ongoing financial difficulties. The fund allocated annually by the HEA is 40% allocated on the basis of FTEs and 60% on the basis of the number of students in the institution from target socio-economic groups (SEGs), as collected through Equal Access data collection.

In September 2017, HEIs were informed of a change to SAF criteria, where a ring-fenced allocation was granted for part-time students who were lone parents or members of other access groups, and target groups were now eligible to apply for the fund. The allocation to CIT was €465,868, of which €76,591 was allocated to applicants who were part-time access.

In 2017-18, 410 students were supported financially. This is an increase of 105 students from the previous year. 50% of the students availing of SAF financial support in 2017-18 were mature students.

A smaller fund exists in CIT known as the Hardship 2 Fund. This fund provides support to students who, because of restrictions/inelegibility, cannot be funded out of the ESF SAF. In this academic year, 49 students have been assisted through the hardship fund and the total amount paid was €40,315.
4. Research, Innovation & Entrepreneurship, External Engagement, Alumni Engagement, and International and EU Activities
4.1 Research

Research Metrics

The CIT research metrics/outputs for 2017/2018 can be summarised in the following table.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Reported Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Funding Projects awarded (National)</td>
<td>23</td>
</tr>
<tr>
<td>Research Funding Projects awarded (EU/Intl)</td>
<td>12</td>
</tr>
<tr>
<td>Research projects with substantial industry involvement awarded</td>
<td>6</td>
</tr>
<tr>
<td>Journal Publications (peer-reviewed)</td>
<td>91 (appearing in Scopus)</td>
</tr>
<tr>
<td>Journal Publications (other)</td>
<td>9</td>
</tr>
<tr>
<td>Conference Publications (peer-reviewed &amp; other)</td>
<td>62 (appearing in Scopus)</td>
</tr>
<tr>
<td>Book reviews</td>
<td>68</td>
</tr>
<tr>
<td>Invited presentations</td>
<td>23</td>
</tr>
<tr>
<td>Major Seminars, colloquia hosted</td>
<td>13</td>
</tr>
<tr>
<td>Large Outreach events involving the public (&gt;100 attendees)</td>
<td>21</td>
</tr>
<tr>
<td>Conferences chaired/hosted</td>
<td>4</td>
</tr>
<tr>
<td>Awards/Recognition</td>
<td>4</td>
</tr>
<tr>
<td>Artistic/Performance outputs</td>
<td>Numerous CSM/CCAD</td>
</tr>
</tbody>
</table>

Athena SWAN Bronze Award

During 2017/18, work commenced towards the achievement of an Athena SWAN Bronze Institutional Award for CIT.

The Athena SWAN Charter was established in 2005 by Advance HE, an independent non-profit UK agency dedicated to continuous enhancement of teaching and learning, equality and diversity, and leadership and governance in higher education in the United Kingdom and internationally. The Athena SWAN Charter aims to encourage and recognise commitment to advancing the careers of women in science, technology, engineering, maths and medicine (STEMM) employment in higher education and research. The Charter has since expanded to recognise work undertaken in arts, humanities, social sciences, business, and law (AHSSBL), in professional and support roles, and for trans staff and students. The Athena SWAN process is a commitment to removing barriers that contribute to under-representation and taking a targeted approach to issues that may be of internal or external origin. Successful applicants conduct a thorough analysis of institutional data, identify key issues, and establish an action plan for the next three years to address those issues.

Figures published by the HEA highlight gender inequality as an issue for the Irish higher education sector, and the Athena SWAN Charter was launched in Ireland in early 2015. From 2019 onwards, achievement of an Athena SWAN Bronze Award and a demonstrated commitment to gender equality will be necessary for Irish HE institutions to remain eligible for future research funding.

In CIT, an Athena SWAN Self-Assessment Team under the aegis of the Vice-President for External Affairs was established in August 2017, with the first meeting held in September 2017. A staff survey was completed in November 2017, followed by four focus groups investigating areas of interest highlighted by the survey. These areas included concerns over promotions, experience of various forms of leave, opportunities for performance enhancement, and organisation structure and working environment. Data analysis and planning for actions consumed the first half of 2018, with the intention to submit for the Bronze Award in November 2018.

CIT Blackrock Castle Observatory (CIT BCO)

The Observatory coordinated National Space Week which aligns with World Space Week 2 – 9 October 2017 with funding support from SFI. All local and national events were coordinated by BCO with over 140+ events locally and nationally, including flagship events driven by BCO at CIT, UCD, TCD and Engineers Ireland HQ. Through contacts and emerging relationships forged during the Space Studies Programme 2017 (SSP17), over 20+ school related events featured International space science experts from ESA and around the world.

CIT BCO celebrated 10 years in operation at an event held in the observatory in December attended by 60 guests. Since opening its doors, the facility has welcomed over 1 million visitors. BCO also received its second tranche of strategic funding from SFI approximately €145k per annum for 2018 and 2019.
CIT BCO coordinated a very successful National CanSat (Satellite in a Can) competition which involved over 30 schools from across the country. Marist College, Athlone won the National Finals and represented Ireland at the European Finals in The Azores where they came first against finalists from 25 other European Space Agency countries.

CIT BCO has seen visitor numbers increasing significantly in the first half of 2018. Visitor numbers were up by 42% from 2016/17. Activity at BCO continues to grow, with rising visitor numbers, expanded engagement with schools and teachers and increased leadership on a national level in the space and astronomy domains.

**Designation of the NIMBUS Research Centre and the Hincks Centre for Entrepreneurial Excellence**

The NIMBUS Research Centre for Research was the first of the Institute’s three R&I Centres to be formally designated as a Centre, following review by an external panel. The review panel was wholesome in its praise of what had been achieved to date and provided a comprehensive report referencing issues to be considered in the strategic development of NIMBUS over the next 3 years.

The Hincks Centre for Entrepreneurial Excellence was designated as an R&I Group, recognising that Hincks is also involved in significant levels of teaching and learning, training and consultancy activities. A separate, internally constituted panel recommended that the research arm of Hincks be granted “Group” status for 3 years.

**Research Integrity**

CIT began to roll out training for Research Integrity using the Epigeum online courses that have been purchased through a combination of IUA and THEA funding. All research supervisors, potential supervisors and key research personnel will be offered the training, as will Heads of Departments and Schools, and other key senior personnel. This online Research Integrity training for 167 researchers, research managers, academic managers, and support staff was scheduled to begin in early June.

**28th Irish Researchers Environmental Colloquium (Environ 2018)**

A very successful 28th colloquium was hosted by the School of Building and Civil Engineering and the Sustainable Infrastructure Research and Innovation group (SIRIG) between 26 - 28 March, with over 50 delegates attending.

**InterReg Projects**

Staff in the Innovation & Enterprise Office successfully developed CIT’s application as a partner in the Interreg Europe project SILVER SMEs, which has secured an allocation of €223,000 for CIT’s Hincks Centre and Rubicon Centre. The project will focus on researching business opportunities for SMEs across the Silver Economy in a number of EU States.

**NIMBUS Research Centre**

Following the successful completion of the Research Entity Designation Process, the NIMBUS Research Centre transferred into the Faculty of Science and Engineering, effective from 21 May 2018. The reorganisation is in line with the Institute’s Research and Innovation Strategy and is intended to provide greater coherence between the research and teaching elements of the Faculty, and to facilitate greater involvement by academic staff members.

The NIMBUS Technology Gateway completed 18 industry projects in Q1 2018, meeting 106% of its targets.

A team of researchers from NIMBUS installed a wireless sensor network in the engine room of the L.E. Samuel Beckett during an extended patrol. This research has validated a methodology for wireless networks in harsh marine environments and is a close collaboration between CIT and the Irish Naval Service.

The NIMBUS Research Centre partnered with refrigeration company Zeto to bring its cyberphysical systems and blockchain expertise to assist the company with their globally distributed and connected products.

**Launch of the SFI CONFIRM Research Centre**

The CONFIRM SFI was launched on 16 May. Prof. Dirk Pesch (NIMBUS) is a PI within Confirm and NIMBUS are a key partner in the €47m collaboration. The CONFIRM SFI Research Centre is a consortium led by the University of Limerick including the Tyndall National Institute, UCC, CIT, National University of Ireland Galway, Athlone Institute of Technology, Maynooth University, and Limerick Institute of Technology. The centre comprises more than 200 researchers in smart manufacturing.
CIT Annual Report 2017/18

CIT Annual Report 2017/18

CAPPAG

The CAPPAG Technology Gateway completed 20 industry projects in Q1 2018, meeting 200% of their targets.

Cork Delegation visit to San Francisco

Dr Niall Smith (Head of Research) and Michael Loftus (Head of Faculty of Engineering & Science) joined a 60-strong Cork delegation to San Francisco, led by Lord Mayor Cllr Tony Fitzgerald. This is the largest delegation to travel between the two sister-cities and involved visits to both business and academic institutions, primarily in the STEM areas.

Sigma Research Group

Prof. Paul Walsh and his team in the SIGMA Research Group were successful in securing H2020 funding for a project called STOP (Stop Obesity Platform). STOP brings together an interdisciplinary and intersectoral group of subject matter experts from industry and academia under one umbrella, to address the health societal challenge of obesity with the specific objectives of mitigating the enormous and growing health care costs of obesity that burden European citizens. The STOP project will address this need through the foundation of an innovative platform to support persons with obesity with a better nutrition under supervision of Healthcare Professionals. The project is to the value of €900,000 with €160,000 to CIT.

Horizon 2020 Performance

CIT continued as the top performing IoT in terms of funding drawdown from the EU H2020 programme.

H2020 to Q1 2018

<table>
<thead>
<tr>
<th>HE Institution</th>
<th>No. of Applications</th>
<th>No. of Successes</th>
<th>% of Success</th>
<th>No. Securing &gt; €1M</th>
<th>Funding (€)</th>
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<td>NUIM</td>
<td>140</td>
<td>9</td>
<td>6.4</td>
<td>1</td>
<td>3,816,961</td>
</tr>
<tr>
<td>DIT</td>
<td>82</td>
<td>10</td>
<td>12.2</td>
<td>1</td>
<td>2,727,452</td>
</tr>
<tr>
<td>DIAS</td>
<td>19</td>
<td>5</td>
<td>26.3</td>
<td>1</td>
<td>2,540,316</td>
</tr>
<tr>
<td>DKIT</td>
<td>34</td>
<td>5</td>
<td>14.7</td>
<td>0</td>
<td>1,728,116</td>
</tr>
<tr>
<td>AIT</td>
<td>24</td>
<td>1</td>
<td>4.2</td>
<td>0</td>
<td>755,938</td>
</tr>
<tr>
<td>IT Sligo</td>
<td>12</td>
<td>2</td>
<td>16.7</td>
<td>0</td>
<td>718,610</td>
</tr>
<tr>
<td>IT Tralee</td>
<td>23</td>
<td>3</td>
<td>13</td>
<td>0</td>
<td>626,313</td>
</tr>
<tr>
<td>NCI</td>
<td>15</td>
<td>1</td>
<td>6.7</td>
<td>0</td>
<td>555,885</td>
</tr>
<tr>
<td>LKIT</td>
<td>8</td>
<td>1</td>
<td>12.5</td>
<td>0</td>
<td>345,875</td>
</tr>
<tr>
<td>LIT</td>
<td>20</td>
<td>1</td>
<td>5</td>
<td>0</td>
<td>252,775</td>
</tr>
<tr>
<td>GMIT</td>
<td>15</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
4.2 Research Publications


56. CIT Annual Report 2017/18


4.3 Innovation and Entrepreneurship

Student Entrepreneurship

The 2018 Student Inc. programme commenced in the Rubicon on 5th June. There were 12 CIT student entrepreneurs developing their business ideas on the programme this year:

<table>
<thead>
<tr>
<th>Group Members</th>
<th>Course</th>
<th>Year</th>
<th>Company Name</th>
<th>Description of Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrick O'Sullivan</td>
<td>Creative Digital Media</td>
<td>2</td>
<td>Extra Man</td>
<td>A peer to peer skill sharing website and app that offers a safe and convenient way for short term employers to connect with job seekers.</td>
</tr>
<tr>
<td>MaryRose Shanahan</td>
<td>Business</td>
<td>3</td>
<td>Sweat pads</td>
<td>Underarm sweat pads for men and women who are wearing light shirts in work and need peace of mind.</td>
</tr>
<tr>
<td>Rachel Ryan</td>
<td>Culinary Arts</td>
<td>3</td>
<td>The Natural Selection Company</td>
<td>Jellies that are full of vitamins and minerals and low in sugar focused on kids healthy eating.</td>
</tr>
<tr>
<td>Malgorzata (Margaret) Urbanowicz</td>
<td>Marketing</td>
<td>4</td>
<td>L'aissez</td>
<td>Experience café for creative people where unique local offerings are produced from local produce.</td>
</tr>
<tr>
<td>Aisling Reardon</td>
<td>PR with New Media</td>
<td>1</td>
<td>Café Craft</td>
<td>Designer café serving 5 signature dishes, unique offerings in dyed bread and fashion orientated plating.</td>
</tr>
<tr>
<td>Eabha Hennessy</td>
<td>Creative Digital Media</td>
<td>4</td>
<td>Diffract</td>
<td>Arts and culture event focused on electronica and having a dance atmosphere. A way of bringing together alternative artists to create a community that can work together.</td>
</tr>
<tr>
<td>Conor McGowan</td>
<td>Business</td>
<td>1</td>
<td>Smartphone tutorial</td>
<td>Smartphone tutorial service in a 1:1 model.</td>
</tr>
<tr>
<td>Aaron Comerford</td>
<td>Culinary Arts</td>
<td>3</td>
<td>Ready Steady Food Co.</td>
<td>A company that is passionate about good food, chillies and music. Catering for different markets with a small product range of hot sauce and BBQ jerk sauce.</td>
</tr>
<tr>
<td>Zachary Dair</td>
<td>Software Development</td>
<td>1</td>
<td>Dair Game Development Studio</td>
<td>An indie game development studio to create games as a service of entertainment to create unique experiences for players to connect, share, remember and to enjoy.</td>
</tr>
<tr>
<td>Alan Coffey</td>
<td>Information Systems</td>
<td>2</td>
<td>EZ Clip</td>
<td>Idea revolves around a piece of safety equipment for the gym. The “EZ Clip” prevents weights from falling off the bar. The design replaces the current design which is difficult to use and is often ignored by gym goers completely.</td>
</tr>
<tr>
<td>Martin Condon</td>
<td>Herbal Science</td>
<td>4</td>
<td>Ballae Mushrooms</td>
<td>Grow and sell high quality mushrooms and process them into other value products such as hot chocolate or teas.</td>
</tr>
<tr>
<td>Hugh McCarthy</td>
<td>Herbal Science</td>
<td>4</td>
<td>Ballae Mushrooms</td>
<td>Grow and sell high quality mushrooms and process them into other value products such as hot chocolate or teas.</td>
</tr>
</tbody>
</table>

Following a successful completion of the Student Inc. Programme, the student entrepreneurs presented their businesses to the business community at an event on 31st August 2018. The presentations were attended by over 50 people mainly drawn from the business community and CIT staff with an interest in entrepreneurship. The 2018 programme secured external funding of €30,000 to fund the programme.
Five Vietnamese students from the University of Danang joined the CIT students for a month, developing their business ideas side by side with the Irish students. The Rubicon provided support to the students who spent the month in the Rubicon as part of their prize for winning the Start-up Runway Competition in Danang, Vietnam. This follows on from the delivery of a full programme to 170 students, and 20 staff in Vietnam during March and April by George Bulman, Rubicon Centre and Dr Helen McGuirk of the Hincks Centre.

Innovation Week and 2017-2018 CIT Prize for Innovation

The CIT Prize for Innovation competition, held during Innovation Week in March, had 48 applications, involving over 230 students from across the college. These 48 applications were shortlisted to 16 who competed in the final adjudication process in the Rubicon Centre.

The prizes included €10,000 in cash, which was sponsored by the Cork City and County LEOs, as well as a €3,000 NIMBUS Development Prize. The prizes were awarded at the showcase and award ceremony.

The winning teams are outlined below

<table>
<thead>
<tr>
<th>Prize</th>
<th>Project</th>
<th>Programme(s)</th>
<th>Supervisors</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIT Prize for Innovation - €4,000</td>
<td>Safely Snooze</td>
<td>Biomedical Engineering, Mechanical Engineering &amp; Business in Marketing</td>
<td>Hugh McDonald, Lisa Murphy &amp; Scott McGowan</td>
</tr>
<tr>
<td>Best Business Opportunity - €1,500</td>
<td>Zipit</td>
<td>Biomedical Engineering, Mechanical Engineering and Business in Marketing</td>
<td>Hugh McDonald, Lisa Murphy &amp; Scott McGowan</td>
</tr>
<tr>
<td>Best Concept - €1,500</td>
<td>MacGlas</td>
<td>Biomedical Engineering, Mechanical Engineering</td>
<td>Séan F. O’Leary</td>
</tr>
<tr>
<td>Best Pitch - €500</td>
<td>ICTUM</td>
<td>Biomedical Engineering, Mechanical Engineering &amp; Business in Marketing</td>
<td>Hugh McDonald, Lisa Murphy &amp; Scott McGowan</td>
</tr>
<tr>
<td>Social Innovation award/Enactus - €1,000</td>
<td>Village Grub</td>
<td>Visual Communications</td>
<td>Gwen Lettice</td>
</tr>
<tr>
<td>President’s Award - €1,000</td>
<td>Three D</td>
<td>Master of Business</td>
<td>John Meyler</td>
</tr>
<tr>
<td>NIMBUS Development Prize - €3,000</td>
<td>SEA SOAP</td>
<td>Marine Engineering</td>
<td>Jane O’Keeffe</td>
</tr>
</tbody>
</table>

Enterprise Ireland Student Enterprise Awards

CIT had 2 projects in the final 10 of the Enterprise Ireland Student Enterprise Awards which took place in Galway mid-June (from over 1,000 entries nationally). A CIT team went on to win the Enterprise Ireland all-Ireland Student Enterprise Awards. CIT was the only HEI with two teams in the final ten. The winning CIT team received a prize of €10,000.

The winning entry was MacGlas which was developed by an interdisciplinary group of students from Engineering and Business. MacGlas is a novel vision aid designed to help people suffering from Macular Degeneration, the leading cause of vision loss in the western world, which results in the progressive loss of central vision. By configuring and applying existing
technologies in a new and innovative way to harness and optimise the sufferer’s peripheral undamaged vision, MacGlas helps individuals regain everyday capabilities such as reading which have been made impossible by the disease.

CIT has previously won the competition in 2013 and 2016. CIT has now won the competition more often than any other third level institution in the country.

Enterprise Interns

The Student Enterprise Interns worked with 520 First-Year students through the Creativity, Innovation and Teamwork module throughout the academic year. These students worked as part of a team to come up with business ideas which are then pitched to the team in the Rubicon Centre as a “Business Model Canvas (BMC)”. A pitching competition was held in December for the winners from each class group and one was awarded a prize for the best BMC.

Technology Transfer/Knowledge Transfer

Technology Transfer Metrics

<table>
<thead>
<tr>
<th>2017 Technology Transfer Target Outcomes</th>
<th>2017 Target</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>License Options &amp; Assignments</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Registered spinouts created</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Research agreements with industry</td>
<td>43</td>
<td>67</td>
</tr>
<tr>
<td>IDF</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>Priority Patent applications filed</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Over the summer months, two CIT Technology Transfer guides were completed and published

- An Inventors Guide to Spinout Companies
- An Inventors Guide to Technology Transfer

Both guides were made available on the CIT Staff Gateway and website.

Rubicon Centre

New Frontiers

There were 98 applications for the 2017/2018 New Frontiers Programme with 14 places on offer. The Programme started
on 27th September. The businesses come from a wide range of sectors, and participants have both business and technical backgrounds. The programme attracted several overseas enquiries, with one place offered to an overseas entrepreneur.

The New Frontiers showcase was held in the Millennium Hall, City Hall on 24th April. There were approximately 150 attendees drawn from the business community in the region. The overall best business opportunity award was won by Joe Perrot of Remote Signals, an internet of things (IOT) based business. Other prize winners included Kieran Gleeson of Freight Station for best business plan, an SAAS platform for the road freight industry, and the most innovative company award went to CyCA OncoSolutions for a new drug delivery solution; this company is headed up by Dr Nusrat Sanghamitra.

Three New Frontiers participants were shortlisted for the IBYE (Ireland’s Best Young Entrepreneur) regional finals and one participant, Joe Perrott, won the award for Best Business Idea.

**Exxcel Showcase**

13 projects kicked off the Exxcel Female STEM entrepreneurship programme on 11th November.

The Exxcel showcase was held in Vertigo, County Hall, 21st May, and was attended by about 50 members of the business community. The event highlighted the business opportunities and progress of the 12 programme participants who completed the 6-month part-time female STEM entrepreneurship programme. The overall winner was Rose Fitzgerald, a CIT PhD student, with her business Pen-side Diagnostics. The company has developed an innovative easy-to-use, rapid, low-cost, pen-side diagnostic device for respiratory disease in pigs.

**Rubicon Key Performance Indicators**

![Rubicon Key Performance Indicators](image)

**Rubicon**

- Enquiries: 400
- Number of Entrepreneurs trained: 118
- Number of Clients in Incubator: 42
- Number of Companies Sold: 1
- Number of Virtual Clients: 33
- Number of Training Sessions Delivered: 107
- Client Public Funds raised: €825k
- Client Private Funds raised: €4.2M
- Links with CIT: 70%
- Occupancy: 93%

**DELTA Awards**

The inaugural national DELTA Awards (Disciplinary Excellence in Learning Teaching and Assessment) were hosted by the National Forum on 21st March 2018 in Dublin, to celebrate discipline groups within institutions who demonstrated sustained achievements in Teaching and Learning Enhancement. The DELTA Awards are designed to enhance, showcase and strengthen teaching excellence in higher education by recognising the value of teaching at a national level. There were 48 entries nationally from HEIs and 18 were shortlisted (3 from CIT). 11 awards were presented and CIT was the winner in the Business category in recognition for the work it does in the area of student entrepreneurship.

The Award recognised the integrated student-centred approach to Entrepreneurship Education which is operationalised through the Accelerating Campus Entrepreneurship (ACE) group comprising of the Innovation and Enterprise Office, Academic Departments across four campuses, Research, the Rubicon Centre, CIT Students’ Union, Student Enterprise...
Interns, and the Hincks Centre for Entrepreneurship Excellence. The work of this group has resulted in many ground-breaking student entrepreneurship activities including: Student Inc., Ireland’s first accelerator programme, and the Business Model Canvas Model for First Years, which sees over 500 First Year students pitching business ideas to the Rubicon team annually.
4.4 External Engagement

Summary of RPL Student Support Activity by CIT Extended Campus during 2017/2018

RPL cases for credit – 297 cases over the year involving 114 assessors. The RPL cases break down as follows:

- Experiential 44
- Formal 235
- Non-formal 2
- Combination 16

RPL activity across the levels

- Level 6 - Formal 202, Non-formal 2, Experiential 25, Combination 10
- Level 7 - Formal 31, Experiential 10, Combination 2
- Level 8 - Formal 1, Experiential 8, Combination 4
- Level 9 - Formal 1, Experiential 1

There were 18 workshops delivered to support candidates this year. These workshops were delivered in the first six weeks of semester on an open door basis, where candidates were encouraged to avail of support as needed. In addition, one-to-one support was available where requested.

- Cork Lifelong Learning festival, workshop on valuing learning from community involvement, CIT CSM 21st March. The workshop explored how to capture everyday learning gained in a community setting and make it visible to take advantage of future opportunities in the workplace and education.
- Supporting advanced entry cases with BBus in Supply Chain Management, MA in Play Therapy, MA in Journalism with New Media, BSc in Transport Management, BSc in GMP & Technology, MA in Digital Marketing, BSc (Hons) in Cloud Computing, Level 8 Certificate in TV Production.
- Supporting RPL cases for PLAC7009 Work Placement for Diploma in Biopharmaceutical Manufacturing Operations.
- This year, RPL cases were submitted for assessment across the email system, with validation of original certificates/transcripts taking place in lunchtime/teatime workshops.

Work-Based Learning (WBL) and Recognition of Prior Learning (RPL)

CIT, through the involvement of the Extended Campus, contributed to the Irish presentation at a preparatory EQFAG Peer Learning Activity (PLA) meeting through delivering exemplars of practice from collaborations with industry and the wider community on the recognition and validation of non-formal and informal learning. The theme of the PLA was “the role of non-governmental stakeholders in implementing the 2012 recommendation on the validation of non-formal and informal learning”.

CIT, through the Extended Campus, was the higher education partner for an initiative in which 10 ETBs around the country partnering with local Defence Forces Barracks for upskilling of staff in non-military disciplines at levels 3-5 on the NFQ. Preparatory meetings underway between QQI, ETBI, and the Defence Forces. Deirdre Goggin of CIT Extended Campus is on the management committee of the Cork ETB An Tobar project which is an RPL project with the Defence Forces and with Collins Barracks at the local level. The project saw 9 personnel seeking RPL for FETAC awards at Levels 4, 5 and 6.

Certificates were presented for the 10-credit Level 9 module RPL Policy, Practice, Pedagogy to 11 staff of Kilkenny-Carlow ETB and one staff member of IT Carlow. The module was delivered by Deirdre Goggin and Prof. Irene Sheridan through blended learning. Dr Barry O’Connor, President of CIT made the presentation to the 12 successful candidates on 14th September 2017 in Kilkenny.

European Commission’s Validation Festival

On 17th May 2018, BBC StudioWorks on behalf of the EU Commission travelled to Cork to conduct interviews to develop a video piece on validation. Deirdre Goggin was the main contact point and organiser as well as one of the video participants. Shane Cronin TEL (student participant), Sinéad O’Neill, Head of Strategy, Boston Scientific Ireland who had benefitted from RPL was the student participant, and Ronan Emmett, HR, Boston Scientific Ireland gave the industry perspective. In addition, the BBC captured the mentoring process with Phil O’Leary and Shane Cronin. The footage was for a video piece for the validation festival which was held in Brussels on 14th and 15th June 2018. The video captured insights from 4 European countries. CIT Extended Campus was selected by the Commission to showcase the use of validation in its interactions with industry at the festival in June and was represented by Prof. Irene Sheridan and Deirdre Goggin.
The video can be found at:

Learning Interactions

- Learning clinics were held on 3rd, 10th, 17th May 2018 in GE Healthcare in conjunction with CAMMS and the Department of Organisation and Professional Development.
- CAMMS delivered PLC module to staff of the Irish Naval Service in August.
- CIT commenced delivery of the Certificate in Supervisory Management in conjunction with IT Tralee as part of Regional Skills Forum skills identification on 6th October in IT Tralee. Both CAMMS and the Department of Organisation and Professional Development were involved in programme development and delivery. 16 students participated from companies such as Dairymaster, Tricel, Astellas, Borgwarner, SouthDoc, The Scotia Clinic, Kerry University Hospital, and O'Sullivan Darcy Engineering.

WBL/RPL Research and Practice Events

CIT through the Extended Campus – was represented at the following events:

- 28th September 2017 – Deirdre Goggin presented CIT model of Quality Assurance in RPL at a QQI event for an Icelandic training provider.
- 24th October 2017 – QQI Digitalisation conference, Dublin
- Prof. Irene Sheridan chaired a session at the HELLIN Conference on Lifelong Learning in UL in December.
- Prof. Irene Sheridan reviewed and edited the Ireland report extracted from the State of University-Business Cooperation survey and presented a summary of the Irish results to the European Commission in a workshop on 15th December 2017.
- 20th January 2018 – Special event to engage with SMEs in Oriel House, Ballincollig.
- 5th April 2018 – Learning Clinic in Boston Scientific for its Learning Week; coordinated by Deirdre Goggin and attended by Mike McGrath and Ciara Lavelle from CAMMS.

Springboard 2017/2018

- Total Number of CIT applicants Springboard and ICT Skills – 385
- Total Number of CIT students Accepted/Enrolled – 177

<table>
<thead>
<tr>
<th>Programme Title</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate in Biopharmaceutical Supply Chain Management</td>
<td>Process, Energy and Transport Engineering</td>
</tr>
<tr>
<td>Certificate in ICT Project Management</td>
<td>CAMMS</td>
</tr>
<tr>
<td>Higher Diploma in Science in Cloud Computing (ICT)</td>
<td>Computer Science</td>
</tr>
<tr>
<td>Higher Diploma in Science in Data Science &amp; Analytics (ICT)</td>
<td>Mathematics</td>
</tr>
</tbody>
</table>

Springboard+ 2018

Extended Campus compiled and submitted 20 Springboard and 2 ICT programmes for funding, of these 7 Springboard and 2 ICT courses were awarded for funding in March 2018. In total, CIT was approved funding of €730,150.00 and offered 259 student places across the 9 programmes.
A summary of the courses proposed is provided below:

<table>
<thead>
<tr>
<th>Springboard Programme Title</th>
<th>Department</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Purpose Award in Capital Markets</td>
<td>Accounting &amp; Information Systems</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>Cert. in Science for Biotechnological Manufacturing Operations</td>
<td>Process, Energy &amp; Transport Eng.</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Certificate in Biopharmaceutical Supply Chain Management</td>
<td>Process, Energy &amp; Transport Eng.</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>Certificate in Validation Science</td>
<td>Process, Energy &amp; Transport Eng.</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>Certificate in Automation &amp; Control</td>
<td>CAMMS</td>
<td>20</td>
<td>7</td>
</tr>
<tr>
<td>Postgraduate Certificate in Information Design &amp; Development</td>
<td>Computer Science</td>
<td>30</td>
<td>9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ICT Programme Title</th>
<th>Department</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Higher Diploma in Science in Data Science &amp; Analytics</td>
<td>Mathematics</td>
<td>60</td>
<td>8</td>
</tr>
<tr>
<td>Higher Diploma in Science in Cloud Computing</td>
<td>Computer Science</td>
<td>60</td>
<td>8</td>
</tr>
</tbody>
</table>

Activities on behalf of the South West Regional Skills Forum included

- Marketing & Promotion: Flyers - Validation of module content across science programmes ensuring CIT links and other Colleges are linked.
- Social Media: Planning, implementation or measurement of digital strategies for Regional Skills.
- Twitter Analytics - 1,105 impressions over a typical week plus a steady growth in organic impressions.
- Administrative support for purchasing and finance interactions.

Engagements with Companies and Organisations

There have been numerous engagements with external companies and organisations including:

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Department Name</th>
<th>Project Management</th>
<th>Department Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rohus Country Market Innishannon</td>
<td>Bandon Motors</td>
<td>RCI</td>
<td>Forcepoint</td>
</tr>
<tr>
<td>Motorsport Ireland (Live case)</td>
<td>Clare County Council</td>
<td>AMZON</td>
<td>Tandem</td>
</tr>
<tr>
<td>Project Management Ltd.</td>
<td>Jaguar Land Rover</td>
<td>Eli Lilly</td>
<td>Sophus</td>
</tr>
<tr>
<td>Sam Maguire in Dunmanway</td>
<td>WiseteK</td>
<td>Stryker</td>
<td>De Royal</td>
</tr>
<tr>
<td>West Cork Underwater Search and</td>
<td>Fáilte Ireland</td>
<td>MSD Brinny</td>
<td>NIMBUS</td>
</tr>
<tr>
<td>Rescue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Janssen Group</td>
<td>William O’Brien Public Storage</td>
<td>Bishopstown Business Association</td>
<td>BT Global</td>
</tr>
<tr>
<td>Edelia Coaching</td>
<td>Fehily, Timoney &amp; Co.</td>
<td>Bandon Office Supplies</td>
<td>DB Alliance</td>
</tr>
<tr>
<td>Clustermarket</td>
<td>Model Railway Village Clonakilty</td>
<td>Eli Lilly</td>
<td>J&amp;J</td>
</tr>
<tr>
<td>GE Healthcare</td>
<td>Defence Forces</td>
<td>Cara Partners</td>
<td>DePuy</td>
</tr>
<tr>
<td>Atlantic Flight Training Academy</td>
<td>Alimentary Healthcare</td>
<td>Irish Guide Dogs</td>
<td>Kart Racing Ireland</td>
</tr>
</tbody>
</table>

IDA Visits

Company interactions/Visits to CIT

CIT facilitated 10 IDA-requested meetings during the year.

Typical commentary/observations:

- ‘They are considering adding Software Engineering and R&D roles to their existing Cork operations and wish to learn more about the talent that would be available to fill these roles. They would also be interested in discussing opportunities to take on further interns from CIT.’
- Discussion took place about the software development curriculum and how CIT prepares students for work in the industry.

CIT Annual Report 2017/18
• The relationships CIT has with other multinationals in Cork and around the country
• Advise the CTO on how Cork is a good place to do business from a college point of view
• Discussion took place about the success of the current intern programme running with CIT
• Availability of students and when they finish/graduate

Social Media and Promotional Activities

Nine new cases studies were developed by Extended Campus personnel, also focusing on Twitter and LinkedIn.

Twitter and LinkedIn Engagement

<table>
<thead>
<tr>
<th>Month</th>
<th>Tweets</th>
<th>Tweet Impressions</th>
<th>Profile Visits</th>
<th>Mentions</th>
<th>New Followers</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>35</td>
<td>42.5K</td>
<td>802</td>
<td>63</td>
<td>28</td>
</tr>
<tr>
<td>May</td>
<td>18</td>
<td>23.2K</td>
<td>401</td>
<td>36</td>
<td>21</td>
</tr>
<tr>
<td>June</td>
<td>12</td>
<td>9,944</td>
<td>115</td>
<td>48</td>
<td>3</td>
</tr>
</tbody>
</table>

Using hashtag #CollaborateWithCIT across Twitter and LinkedIn.

SMEs Engage with CIT - Collaboration between CIT Extended Campus and CIT Careers Service

The ‘SMEs Engage with CIT’ Event, on 12th April 2018, with the attendance of 29 companies, all of which were surveyed on their experience. Twenty-four completed feedback surveys were received. A summary of the findings is presented below.
1. How would you like CIT Extended Campus to assist you?
   Answered 20
   Skipped 5

2. What would motivate you to collaborate with CIT
   Answered 23
   Skipped 2

3. What would prevent you from collaborating with CIT?
   Answered 12
   Skipped 13
Other Engagement Activities

• The Ireland report, extracted from the State of University-Business Cooperation survey, focusses on the cooperation between HEIs and public and private organisations in the 28 European Union Member States and 5 associated countries. CIT was the Ireland partner for the study through the CIT Extended Campus. A final sample of 17,410 responses from within HEIs and business was achieved. This makes the study the largest international study into cooperation between HEIs and business yet completed.

• CIT Engagement Strategy formally launched by President Dr Barry O’Connor on 5th September.

• Prof. Irene Sheridan accepted a position on the Board of QQI.

There were also multiple research outputs including conference papers, reports and book chapters.
4.5 Alumni Engagement

The CIT Alumni Office develops and encourages relationships with students and alumni through a range of programmes and initiatives, to support the Institute's education and research ambitions.

Alumni are encouraged to keep their contact details current through email, website, social networking sites or direct contact with the Alumni Office.

Engagement across the institute is a core element of the CIT Alumni Office’s activities throughout each year, working directly with the following units:

- Careers Service
- Innovation and Enterprise Office
- Sports Office
- Students’ Union
- Student Engagement Office
- Extended Campus
- The Marketing Unit
- Individual academic departments and staff

2017/2018 highlights included

- 50 new alumni registered via the online registration portal.
- 52 alumni updated their details through the online 'Update Your Details' portal.
- The CIT Alumni Advisory Group met twice in 2017/2018 where various alumni engagement initiatives were discussed.
- The 2017 Graduate Outcomes Survey saw information gathered from 51.5% of the 2017 graduate cohort.
- The Student Alumni Ambassador Programme generated 50 hours of volunteering from students for alumni activity across 2017/2018.
- The CIT Joint Mentorship Programme saw 22 pairs of student mentees and alumni mentors engage and share knowledge over a period of six months across 2017/2018. This was an increase in 15 pairs. The programme generated 176 hours of volunteering from alumni and friends of the institute.
- The 2017 Alumni Conferring Campaign had a positive effect in terms of engaging with alumni at an early stage and generated increased likes on the Alumni Facebook page during the three days of conferring.
- The CIT Meet the Graduate Programme engaged with 356 students and 20 alumni. The programme is in collaboration with academic staff across the institute and is supported by the Student Engagement Office as part of the Transitions to CIT project. Alumni return to campus to share their experience with students in an informal setting.
4.6 International and EU Activities

International Registrations 2017/18

- New entry non-EU students totalled 86 for the 2017/2018 academic year.
- These registrations comprised 6 Exchange students, 38 Undergraduate students, 39 Postgraduate students and 3 PhD students.
- CIT had a 167% increase on new entrant non-EU registrations from the 2016/2017 academic year to the 2017/2018 academic year.
- The total number of non-EU registrations increased by 63% from the 2016/2017 academic year to the 2017/2018 academic year.

Increased recruitment was mainly due to efforts which increased CIT’s presence in key markets such as India, Malaysia, Vietnam, US, and Canada. The International Office focused on developing CIT’s Education Agent and International University relationships.

Comparison of overall Non-EU Registrations for the 2016/2017 and 2017/2018 academic year by Faculty, School and Department.

<table>
<thead>
<tr>
<th></th>
<th>2016/17 Actual students</th>
<th>2017/18 Actual students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total student numbers</td>
<td>92</td>
<td>149</td>
</tr>
<tr>
<td>Faculty of Business and Humanities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School of Business</td>
<td>6</td>
<td>19</td>
</tr>
<tr>
<td>School of Humanities</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>CIT CCAD</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>CIT CSM</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Faculty of Engineering and Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NMCI</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>School of Building &amp; Civil Engineering</td>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>School of Mechanical, Electrical &amp; Process Engineering</td>
<td>34</td>
<td>39</td>
</tr>
<tr>
<td>School of Science &amp; Informatics</td>
<td>21</td>
<td>37</td>
</tr>
</tbody>
</table>

Non-EU Registrations for the 2017/2018 academic year by country

<table>
<thead>
<tr>
<th>Country</th>
<th>No. of Registered Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>9</td>
</tr>
<tr>
<td>China</td>
<td>5</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>1</td>
</tr>
<tr>
<td>India</td>
<td>20</td>
</tr>
<tr>
<td>Iran, Islamic Republic of</td>
<td>1</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>2</td>
</tr>
<tr>
<td>Malawi</td>
<td>1</td>
</tr>
<tr>
<td>Malaysia</td>
<td>7</td>
</tr>
<tr>
<td>Maldives</td>
<td>1</td>
</tr>
<tr>
<td>Nigeria</td>
<td>6</td>
</tr>
<tr>
<td>St. Lucia</td>
<td>1</td>
</tr>
<tr>
<td>Pakistan</td>
<td>1</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>2</td>
</tr>
<tr>
<td>Seychelles</td>
<td>2</td>
</tr>
<tr>
<td>Singapore</td>
<td>1</td>
</tr>
<tr>
<td>South Africa</td>
<td>1</td>
</tr>
<tr>
<td>Ukraine</td>
<td>1</td>
</tr>
<tr>
<td>United States of America</td>
<td>16</td>
</tr>
<tr>
<td>Vietnam</td>
<td>8</td>
</tr>
<tr>
<td>Brazil</td>
<td>0</td>
</tr>
<tr>
<td>Oman</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>86</td>
</tr>
</tbody>
</table>
**Government of Ireland International Scholarships**
CIT was awarded five Government of Ireland Scholarships for the 2017/18 academic year. The scholarships included a tuition fee waiver on CIT’s part, and a stipend of €10,000 from the HEA. CIT awarded four of the five Government of Ireland Scholarships as follows; two Indian Masters students, one Vietnamese Masters student, and one Malaysian Masters student.

**Special Event**
“Tết Việt” (Vietnamese New Year) - CIT’s Vietnamese students organised “Tết Việt” (Vietnamese New Year) for the first time in CIT on 17 February 2018. The International Office, International Student Society, and the Arts Office supported the event. The Deputy Lord Mayor of Cork City Council Cllr Paudie Dineen, CIT Vice President of External Affairs Dr Orla Flynn, and approximately 50 people attended this event including international students from CIT and UCC as well as a number of CIT lecturers.

**Education Missions**

<table>
<thead>
<tr>
<th>Incoming</th>
<th>Outgoing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malaysia</td>
<td>USA</td>
</tr>
<tr>
<td>Thailand</td>
<td>Vietnam</td>
</tr>
<tr>
<td>USA</td>
<td>Thailand</td>
</tr>
<tr>
<td>Canada</td>
<td>Malaysia</td>
</tr>
<tr>
<td>China</td>
<td>Hong Kong</td>
</tr>
<tr>
<td>Oman</td>
<td>India</td>
</tr>
<tr>
<td>Nigeria</td>
<td>Oman</td>
</tr>
<tr>
<td>South Africa</td>
<td></td>
</tr>
<tr>
<td>Kenya</td>
<td></td>
</tr>
<tr>
<td>Hong Kong</td>
<td></td>
</tr>
</tbody>
</table>

**Erasmus+ KA103- Mobility between Programme Countries for 2017-2018**

Total funding for 2017-2018

<table>
<thead>
<tr>
<th>Category</th>
<th>Requested</th>
<th>Approved</th>
<th>Amount €</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Study exchanges</td>
<td>65</td>
<td>65</td>
<td>100,290</td>
</tr>
<tr>
<td>2 Traineeships</td>
<td>55</td>
<td>45</td>
<td>57,480</td>
</tr>
<tr>
<td>3 Lecturing Visits</td>
<td>12</td>
<td>12</td>
<td>13,985</td>
</tr>
<tr>
<td>4 Staff Training</td>
<td>10</td>
<td>10</td>
<td>11,520</td>
</tr>
<tr>
<td>5 Organisation Support</td>
<td>132</td>
<td></td>
<td>41,400</td>
</tr>
<tr>
<td><strong>Total Grant</strong></td>
<td></td>
<td></td>
<td><strong>224,675</strong></td>
</tr>
</tbody>
</table>

**Erasmus+ KA103- Mobility between Programme Countries for 2017-2018**

Achieved mobility numbers

<table>
<thead>
<tr>
<th>Mobility Category</th>
<th>Total Achieved to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Study Exchanges</td>
<td>71</td>
</tr>
<tr>
<td>2 Traineeships (internships)</td>
<td>40</td>
</tr>
<tr>
<td>3 Teaching Exchanges</td>
<td>11</td>
</tr>
<tr>
<td>4 Staff Training</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total Mobilities</strong></td>
<td>132</td>
</tr>
</tbody>
</table>

**Incoming Erasmus Students 2017-2018**

Total number of incoming students for 2017-2018: 188 (including interns).

The School of Business sent the highest number of students abroad this year. Many of these students studied BBus (Honours) in International Business with a Language, and it is required to spend one or two semesters abroad to develop foreign language skills. Nine of these students succeeded in finding work placements at companies in France and Germany. The Department of Biological Sciences sent 22 students to French, German, Spanish and UK companies to carry out work placements. The Department’s solid relationship with the University of Bourgogne - IUT Dijon, generated a large number of

CIT Annual Report 2017/18
placements within their on-campus research company, IMIDA. In addition, one of this year’s students carried out his placement at IMIDA’s centre in the French Caribbean territory of Guadeloupe.

**Erasmus+ KA103- Mobility between Programme Countries for 2017-2018 - Final Report Analysis and Assessment**

The final report on CIT’s Erasmus+ KA 103 mobility activities between programme countries was submitted in October 2017. This year, the HEA engaged an external assessor to review all Irish HEI final reports, and to allocate a percentage score to them. The CIT report was allocated an overall score of 85 out of 100. The assessor’s comments included an acknowledgement that “the overall satisfaction rate for inbound and outbound staff and students* was extremely high, at in excess of 90%, and in some instances 100%, demonstrating the huge efforts invested by the Institute to ensure a worthwhile and productive experience for all concerned.”

The project summary was also commended for capturing “the strategic intent of the Institute in relation to its internationalisation programme and how Erasmus fits into this.” Also noted, was the fact that “The experience and good practice developed through the Erasmus programme has informed and fed into many of the Institute’s global international activities.” The reported reduction of incoming Erasmus student numbers, due to the student accommodation shortage, was also noted by the assessor.

* [data from Erasmus student and staff participant surveys]

**Erasmus Staff Mobility**

In line with CIT’s internationalisation strategy, Erasmus staff mobility funding was utilised for both teaching and non-teaching staff. Erasmus staff mobility facilitates staff development, networking opportunities, and knowledge sharing with colleagues at institutions or enterprises abroad. The School of Business availed of teaching staff mobility funding to enable lecturers to participate in the European Creative Futures intensive programme, in Oslo in late January, as well as the intensive programme which is run annually by the School of Business in Hogeschool Utrecht. The International/Erasmus office provided supplementary funding towards student costs for these programmes. It has been found that students who attend these short-term study programmes abroad are more likely to consider going on an Erasmus semester or full year exchange or placement.

**Erasmus Outgoing Staff Mobility 2017-2018**

- Christine Pybus, CIT CCAD, carried out an Erasmus staff training visit to Central St Martin’s College of Art in London, during September 2017. A new bilateral agreement with Central St Martin’s was signed during the summer.
- Pamela Hardesty, CIT CCAD travelled to Vilnius Academy of Arts, Lithuania, to organise the joint exhibition of the work of Contemporary Applied Arts students in the Vilnius Academy Gallery, Lithuania, 18th September 2017. This exhibition is the third and final outing of the very successful collaborative project between textiles students of CIT CCAD, Tartu Art College in Estonia, and Vilnius Academy of Arts, Lithuania.
- Erasmus staff in the International Office attended two Erasmus training and networking events during April 2018. Margaret Mulderrig attended an Erasmus Going Digital presentation and workshop, organised by the European Commission and the European University Foundation, which took place at the Eotvos Lorand University in Budapest. The new Erasmus digital documentation system and Erasmus Dashboard will be introduced later this year.
- Mary Burton-Quinn attended the Erasmus Coordinators’ Conference at the Universidad de Murcia, which was organised by the European Association of Erasmus Coordinators.
- Other Erasmus-funded staff visits included lecturing visits carried out by academic staff:
  - Dr Gabriela Mayer carried out an Erasmus lecturing visit to the Conservatorio Statale di Music E F Dall’ Abaco Di Verona in early May.
  - Dr Claudia Wagner presented a paper at a seminar Universidad de Alicante in March 2018.
  - Christine Pybus carried out a lecturing visit at the Universitatea Cluj Napoca, Romania in March.
  - Capt. William Kavanagh, NMCI visited Jada University of Applied Sciences, Germany.
  - Frances Clerkin visited a number of training organisations in Malta.
  - Joanna Shuks, technical officer, CCAD - Job-shadowing and networking training visit to the Universidad Jaume 1, Castellon, Spain, (October 2017).
  - Maria Murray, lecturer, Department of Media Communications - Lahti University of Applied Sciences (Finland) to assess the possibilities for student exchange in the area of Creative Digital Media and Visual Communications.
  - Capt. William Kavanagh, NMCI visited Jade Hogeschool, Elsfleth Maritime College in Germany from 29th May to 1st June. The purpose of the visit was to discuss the new MSc in International Maritime Management (IMM); learning outcomes, thesis structure and research methods, with a view to future implementation in September 2018. Capt. Kavanagh received training in the Moodle system which is used to deliver the MSc in IMM. Further lecturing exchanges were also planned during the visit.
• Hugh McCarthy of CIT CSM participated in the “Crossing Borders in Higher Arts Education” forum, at the Escola Superior de Musica E Artes Do Espectaculo (ESMAE), Porto, on 8th June, and also delivered a series of lectures at the institution during his visit.

• Emmett Coffey and Frank O’Donovan attended the CampusDoc Film Festival in Utrecht from 15th to 18th June. They carried out evaluations of student documentaries for submission to CIT’s FilmCraftCork festival in 2019. Documentary work produced by CIT Journalism students was shown at this year’s Festival. This training visit was planned to further the connection between the Journalism programmes at Hogeschool Utrecht (HU) and the MA in Journalism with Digital Content Creation in CIT. It also gave Emmett and Frank the opportunity to make connections with two further institutions: Manchester Metropolitan University (MMU) and the Journalism School at City University New York (CUNY), a partner in the CampusDoc Film Festival. Discussions were held with staff from HU, CUNY and MMU with regard to three specific projects, including:
  o A summer school in documentary making
  o The creation of an International Converged Newsroom (ICN) to showcase the work of students
  o An international MA programme on documentary making involving HU, CUNY, MMU and CIT’s Media Communications Department.

• Margaret Mulderrig attended an Erasmus Staff Week at Metropolia University of Applied Sciences in Finland (11th – 13th June 2018). CIT has had a highly successful Erasmus partnership with Metropolia since the mid 1990s. Metropolia students from Engineering and Science come to study at CIT each year, and CIT students from Mechanical Engineering and Biological Sciences areas have carried out internships there. There were some very positive outcomes from the week’s discussions, including:
  o A range of new possibilities for CIT students to study at Metropolia on English taught bachelor courses
  o Metropolia shared their ideas and good practice in the area of internationalisation for all students (in addition to the traditional module of semester exchanges or internships), such as short-term Erasmus mobility, along the lines of the former Erasmus Intensive Programmes model. Virtual mobility examples and ideas were also discussed. Each Metropolia is given an internationalisation checklist in first year, and encouraged to include international experience in their learning, whether physically studying abroad, or participating in “internationalisation at home” activities, such as collaborative virtual mobility projects with students from partner institutions.

Erasmus Incoming Visits

• A group of Student Affairs and International Office staff from Blekinge Institute of Technology (BTH), Karlskrona, Sweden, visited CIT on 20th June. Discussions focussed on the BTH English-taught degree in Industrial Management, and the possibilities of exchanging students in the business and technology/engineering areas. Prof. John Barrett gave a presentation on the projects and facilities at NIMBUS, and the possibilities for providing projects to incoming students from BTH. The international project semester being offered by BTH in the Industrial Management degree offers potential for CIT student participation.

• Prof. Frederic Debeaufort, from the University de Bourgogne (IUT Dijon) visited CIT in early June to discuss student internships and to visit students from the IUT who were carrying out their placements at companies in Cork. During the visit, Prof. Debeaufort met academic staff from the Department of Biological Sciences to discuss the internship exchange programme. Ten students from the CIT Department of Biological Sciences are currently carrying out their internships at research centres in Dijon.

• Mr Steve Walsh, Hochschule Kiel, Germany, visited CIT to promote incoming mobility in the areas of Business Studies and Mechanical Engineering. Prof. Ger Kelly, CIT made a return visit in May, to participate in student assessments.

• Prof. Martine Stirling, Universite de Nantes, visited the Department of Marketing and International Business to discuss the current exchanges of students in these areas.

• Prof. Wojciech Kujawski of Nicolaus Copernicus University in Torun, Poland, visited CIT in March. His area of expertise is membrane research.

Erasmus+ Funding KA107- Mobility between Programme & Partner Countries (International Credit Mobility)

Project No. 2017-1-IE02KA107-000537 (2017-2019)

In February 2017, an application was submitted for Erasmus International Credit Mobility Funding for the period 2017-2019. Funding for faculty exchanges between the following countries was subsequently granted by the HEA. The project is coordinated by Dr John Hobbs, School of Business. Dr John Hobbs visited the Universidad del Rosario, Colombia during November 2017. Dr Pio Fenton visited the University of Economics, University of Danang in April 2018.
### Project No. 2016-1-IE02-KA107-000478 (2016-2018)

Two incoming student mobilities were funded under this project. The students spent a semester each at CIT during academic year 2017-2018, in the School of Business. There were 4 incoming staff mobilities in May 2017 and three incoming staff mobilities in November 2017. Dr Pio Fenton, project coordinator, visited Danang in November 2017, and two colleagues from the School of Business also visited UEUD Danang in June 2017.

### KA107 International Credit Mobility Project with the University of Maryland

CIT signed an Erasmus exchange agreement with the University of Maryland to facilitate faculty exchanges between the two institutions in relation to the Erasmus+ International Credit Mobility project relating to enterprise clusters (V-LINC). Dr John Hobbs hosted the visit of Prof. Scott Dempwolf from the University of Maryland in 2017. Prof. Dempwolf’s work in Maryland is concerned with modelling innovation networks, clustering, and ecosystem analysis.

### New Erasmus+ Bilateral Agreements signed in 2017-2018

Bilateral agreements were signed with the following institutions:
- The Fondazione ONLUS Scuola di Musica di Fiesole, San Domenico de Fiesole, Italy
- The Izmir University of Economics, Izmir, Turkey
- Central St Martin’s College of Art, London
- University of Music and Performing Arts, Vienna
- University of Alicante
- Universitat de Girona
- Conservatorio di Musica Santa Cecilia, Rome
- Escola Superior Náutica Infante D.Henrique, Lisbon
- Universidad del Pais Vasco
5. Human Resources

5.1 Human Resources Report
5.2 Staff Numbers
5.3 Staff Achievements
5.1 Human Resources Report

Staff Numbers

For the academic year 2017/18, the Institute’s headcount was 1,416 which equates to 1070.27 Whole-Time Equivalents (WTE). The largest category of staff was the Academic Staff which accounted for 58% of the headcount, 60% of WTE.

All figures shown in this section have been taken from the Public Sector Quarterly Returns as at 31 December 2017.

Retirements

The following staff retired from service during the year:

Dr Noel Barry, Head of Academic Affairs, School of Graduate Studies
Esther Browne, Cleaner, Buildings & Estates Office
Margaret Buckley, Clerical Officer, Administration
Denis F Coveney, Senior Lecturer 1, Department of Construction
Breda Fogarty, Assistant Lecturer Pro-Rata, Department of Management & Enterprise
Gabriel Frost, Clerical Officer, Administration
Ed Kuczaj, Lecturer, CIT CCAD
Philip Mealy, Technical Officer, Centre of Craft Studies
Geraldine McCarthy, Assistant Staff Officer, Department of Tourism & Hospitality
Dr Mary McCarthy, Lecturer, Department of Physical Sciences
Brian McGrath, Senior Lecturer 3, School of Business
John Murphy, Senior Technical Officer, School of Science & Informatics
Barbara O’Callaghan, Assistant Lecturer Pro-Rata, Department of Applied Social Studies
Jerome O’Driscoll, Lecturer, Department of Electrical & Electronic Engineering
Michael O’Keeffe, Lecturer, Department of Construction
Michael G O’Riordan, Lecturer, Department of Process, Energy & Transport Engineering
Seán O’Riordan, Senior Technical Officer, Buildings & Estates Office
Jennifer O’Sullivan, Technical Officer, CIT CCAD
Catherine Walsh, Lecturer Pro-Rata and Student Counsellor, Department of Applied Social Studies
Jim Walsh, Head of Department of Applied Social Studies
5.2 Staff Numbers

Total Staff Numbers

<table>
<thead>
<tr>
<th></th>
<th>WTE</th>
<th>Headcount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent</td>
<td>901.22</td>
<td>969.00</td>
</tr>
<tr>
<td>Temporary</td>
<td>169.05</td>
<td>447.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,070.27</td>
<td>1,416.00</td>
</tr>
</tbody>
</table>

Total Staff Numbers (Whole-Time Equivalents)

Staff by Category

<table>
<thead>
<tr>
<th>Category</th>
<th>WTE</th>
<th>Headcount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management</td>
<td>11.2</td>
<td>12</td>
</tr>
<tr>
<td>Academic</td>
<td>640.27</td>
<td>819</td>
</tr>
<tr>
<td>Admin &amp; Library</td>
<td>168.43</td>
<td>182</td>
</tr>
<tr>
<td>Technician</td>
<td>90.97</td>
<td>95</td>
</tr>
<tr>
<td>Support</td>
<td>44.24</td>
<td>57</td>
</tr>
<tr>
<td>Student Services</td>
<td>38.39</td>
<td>161</td>
</tr>
<tr>
<td>Researchers</td>
<td>76.77</td>
<td>90</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1070.27</strong></td>
<td><strong>1416.00</strong></td>
</tr>
</tbody>
</table>
### Staff Trends - 4 Year History (Whole-Time Equivalents)

<table>
<thead>
<tr>
<th>Category</th>
<th>14/15</th>
<th>15/16</th>
<th>16/17</th>
<th>17/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management</td>
<td>10.00</td>
<td>10.00</td>
<td>10.00</td>
<td>11.2</td>
</tr>
<tr>
<td>Academic</td>
<td>586.05</td>
<td>582.63</td>
<td>609.03</td>
<td>640.27</td>
</tr>
<tr>
<td>Admin &amp; Library</td>
<td>158.74</td>
<td>164.33</td>
<td>165.47</td>
<td>168.43</td>
</tr>
<tr>
<td>Technician</td>
<td>84.42</td>
<td>86.22</td>
<td>86.87</td>
<td>90.97</td>
</tr>
<tr>
<td>Support</td>
<td>47.45</td>
<td>46.09</td>
<td>44.00</td>
<td>44.24</td>
</tr>
<tr>
<td>Student Services</td>
<td>31.38</td>
<td>31.46</td>
<td>35.18</td>
<td>38.39</td>
</tr>
<tr>
<td>Researchers</td>
<td>81.01</td>
<td>75.44</td>
<td>72.98</td>
<td>76.77</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>999.05</strong></td>
<td><strong>996.17</strong></td>
<td><strong>1023.53</strong></td>
<td><strong>1070.27</strong></td>
</tr>
</tbody>
</table>

### Staff Trends - 4 Year History (Whole-Time Equivalents)

![Staff Trends Graph](image)
5.3 Staff Achievements

Congratulations were extended to the following:

- Marèse Bermingham, Head of Student Engagement Office and the AnSEO team who won the Student Engagement & Communications Award at the annual Education Awards, and to the Department of Biological Sciences who won the Career Impact Strategy Award.

- Congratulations were also extended to the Technology Enhanced Learning Department who were shortlisted in the Best Online Learning Experience category.

- Prof. Margaret Linehan, CIT and Dr Corina Sheerin, National College of Ireland, Dublin who received a best paper award for their research on the lack of advancement of women in the Irish Investment Management Sector at the British Academy of Management’s annual conference held in the University of Warwick, UK.

- All in CIT under the stewardship of Deirdre Creedon, Access Officer who were involved in the three-day UNESCO Third International Conference on Learning Cities in September 2017. Cork was the first European city to host this prestigious global conference. Delegates visited the NMCI on Day 3 of the Conference. The 500+ delegates from 95+ countries left with a very positive impression of CIT.

- CIT CSM staff member Mary Hegarty received a CIT CSM Alumni Award at the School Awards Ceremony on 20 Oct 2017.

- CIT CSM staff member Conor Palliser who made his conducting debut with the New York Concerti Sinfonietta (NYCS) in Carnegie Hall on 29 October 2017. The NYCS presented its 2017 International Shining Star Competition winners in concert. Congratulations were also extended to the CIT CSM teachers Mary Beattie, Ruxandra Petcu-Colan, Christopher Marwood and Antony Neal and their students Ellen Jansson (Piano), Kevin Jansson (Piano & Violin), Zoë Nagle (Cello), and Mark McCarthy (Trombone) who were selected to perform in Carnegie Hall.

- NMCI’s new Superyacht Team, led by the Head of NMCI Services, Jim O’Byrne, who secured approval from the Private Yachting Association (PYA) to become a GUEST accredited Training Provider. This accreditation will complement NMCI’s existing programmes for deck and engine crew right up to Masters’ Qualification. NMCI is now one of the 20 plus GUEST accredited training providers worldwide.

- Dr Ted Scully, Dr Alejandro Arbelaez and Dr Diarmuid Grimes, lecturers in the Department of Computer Science, who in partnership with Intel organised a workshop on the topic of “Machine Learning & Deep Learning” on 2 November 2017. Intel selected CIT as the only venue in Ireland to run the workshop and it forms part of their European Artificial Intelligence (AI) tour. This is a major recognition of the capabilities of all staff involved.

- The following professors participated in a series of lectures as part of the Professorial Lecture Series:
  - Prof. Noel Barry, Head of Academic Studies gave a lecture on “Optimal use of Forces and Military Theory in Irish History”.
  - Prof. Aidan Coffey, Senior Lecturer, Department of Biological Sciences gave a lecture on “How to kill bad bugs: Exploration of novel biological strategies for microbial pathogen biocontrol”.
  - Prof. Dirk Pesch, Head of NIMBUS Centre, gave a lecture on “The world in your pocket – the impact of mobile wireless technologies on our life”.
  - Prof. Jim O'Mahony, Lecturer, Department of Biological Sciences & Teaching and Learning Unit gave a lecture on “Diseases and Health in a modern world”.
  - Prof. Margaret Linehan, Head of the School of Humanities gave a lecture on “Female Leadership: Persistence of the Glass Ceiling.”
  - Prof. Irene Sheridan, Head of Extended Campus gave a lecture on “The Role of a University”.
  - Prof. Roy Sleator, Senior Lecturer, Department of Biological Sciences gave a lecture on “Following my gut feelings”.
  - Prof. Seán F. O'Leary, Senior Lecturer, Department of Mechanical, Biomedical & Manufacturing Engineering gave a lecture on “Innovative Product Laboratories Development – Engineering an Undergraduate Multi-disciplinary Student Innovation Eco-System”.
  - Prof. Hugh McGlynn, Head of School of Science & Informatics gave a lecture on “Evolution of STEM Education”.

- The NIMBUS Centre who received the Invention of the Year Award in Engineering, ICT & Physical Sciences at the PURDYLUCEY Invention of the Year Awards, in November 2017, for their project WatNOS. The WatNOS project developed and proved an innovative energy-cost optimisation system for the water sector.

CIT Annual Report 2017/18
• Brian McGrath, Dr Pio Fenton, Maurice Murphy, Conor Kelleher and all the MSc in Marketing Practice lecturing team on the shortlisting of the “Master of Science in Marketing Practice” course from the Department of Marketing and International Business for the Gradireland Higher Education Awards 2018. It was shortlisted in the Postgraduate Course of the Year in the Business, Finance & Management category. This is recognition of the great work, commitment and dedication by the team on this very successful postgraduate programme.

• Dr Sharon Lawton, Science Project Officer and Mr David Hodge, Project Administrator who were successful in their funding application to SFI’s Discover Programme Call 2017 and received €300,000 from SFI as part of a €665,000 National VEX Robotics programme expansion.

• Prof. Irene Sheridan, Head of CIT Extended Campus who was appointed by the Minister for Education and Skills to the Board of Quality and Qualifications Ireland (QQI). This was a great recognition for both Prof. Sheridan and the work she does in the CIT Extended Campus, and for CIT.

• Dr Sebastian Schulz, a postdoctoral researcher in the Centre for Advanced Photonics & Process Analysis (CAPPA), was a key member of a team of researchers who contributed to a photonics materials breakthrough with potential for significantly faster internet speeds. Details of their technology have been published in the international journal Nature Photonics.

• Dr Alex Krok, CIT Research Fellow, who received the Charlemont Grant from the Royal Irish Academy. Alex is researching Powder Modelling for Pharmaceutical Tablettting in conjunction with Dr Sandra Lenihan and Dr Keith Byran.

• Dr Niall Smith, Head of Research who was nominated to join the Steering Group for the development of Ireland’s first Space Strategy for Enterprise, chaired by Minister John Halligan.

• Dr Orla Flynn, Vice President for External Affairs, on her re-election as Honorary Secretary of Cork Chamber of Commerce for a further and final year.

• Prof. Irene Sheridan Head of CIT Extended Campus, and Daithí Fallon Academic Faculty Representative, Faculty of Engineering & Science, who had a paper accepted for presentation at the University-Industry Interaction Conference in London on 20-22 June. The paper titled ‘University-Industry Collaboration: Where to next?’ explores the breadth and depth of collaboration opportunity, the extent of collaboration illustrated through a mapping exercise and the initial results from the UBC in Europe Study.

Staff members who were conferred included
• Dr Lisa Bolger, Doctor of Philosophy
• Dr Sheila Butler, Practitioner Doctorate
• David Hayes, Master of Arts in Music
• Dr Brenda Lynch, Doctor of Philosophy
• Dr Heather Madden, Doctor of Philosophy
• Dr JP McCarthy, Doctor of Philosophy
• Dr Justin McGuinness, Doctor of Philosophy
• Siún Milne, Master of Arts in Music
• Monica Moisuc, Master of Science in Business
• Dr Jane O’Keeffe, Doctor of Philosophy
• Dr Mai O’Leary, Doctor of Philosophy
• Caroline O’Reilly, Master’s Degree in Teaching and Learning in Higher Education (MATLHE)
• Philip O’Reilly, Master of Science in Digital Marketing Strategy

New Appointments
The following staff were confirmed for appointment during the academic year 2017/18
• Christina Ahern, Clerical Officer, Student Services
• Therese Ahern, Systems Librarian, Library
• Elizabeth Barrett, Clerical Officer, Human Resources
• Eamonn Buggy, Assistant Lecturer, Centre of Craft Studies
• Jim Burns, Technical Officer, I.T. Services
• Caroline Conlon, Lecturer, Department of Organisation & Professional Development
• Roisin Clancy, Assistant Staff Officer, Department of Tourism & Hospitality
• Dolores Crowley, Senior Technical Officer, School of Science & Informatics
• Kyra Dunne, Senior Staff Officer, Secretary/Financial Controller Office
• Maria Durban Soteras, Clerical Officer, Extended Campus
• Dr Anna Dynan, Assistant Lecturer, Department of Accounting & Information Systems
• Evan Finegan, Assistant Lecturer, Department of Architecture
• Emma Fitton, Staff Officer, Finance Office
• Nelius Flynn, Assistant Lecturer Pro Rata, Department of Accounting & Information Systems
• Timothy Forde, Technician, NMCI
• Joanne Gallagher, Senior Staff Officer, Finance Office
• Cormac Gebruers, Head of NMCI
• Ciara Glasheen Artem, Lecturer Career Grade, CIT CSM
• Nicola Griffin, Staff Officer, External Affairs Office
• Dr Diarmuid Grimes, Assistant Lecturer, Department of Computer Science
• Síle Hammond, Clerical Officer, Administration
• Ian Heffernan, Lecturer, NMCI
• Seán Hegarty, Library Assistant 1/Library Assistant 2, CIT CSM
• Janice Hegener, Senior Technical Officer, Buildings & Estates Office
• Sarah Hickey, College Nurse, Student Services
• Irene Hogan, Assistant Lecturer, Department of Sport, Leisure & Childhood Studies
• John Kelleher, Assistant Lecturer, Centre of Craft Studies
• Agnes Looney, Clerical Officer/Assistant Staff Officer, Student Services
• Diana McSweeney, Clerical Officer, CIT CCAD
• Triona McSweeney, Assistant Lecturer, Department of Computer Science
• Conor Moynihan, Assistant Lecturer, NMI
• Grace Murphy, Clerical Officer, Finance Office
• Maria Nugent, Careers Advisor, Student Services
• Elaine O’Brien, Assistant Lecturer, Department of Marketing & International Business
• Martin O’Brien, Assistant Lecturer, Centre of Craft Studies
• Dr Barry O’Connor, President
• Gerard O’Donovan, Senior Lecturer SL3, Faculty of Business & Humanities
• Denise O’Leary, Administrative Officer, Finance Office
• Conor O’Neill, Technical Officer, Buildings & Estates Office
• Pat Sexton, Staff Officer, Finance Office
• Jessica Sheahan, Clerical Officer, Administration
• Joanna Shuks, Technician, I.T. Services
• Dr David Stynes, Assistant Lecturer, Department of Computer Science
• Adrian Vaughan, Library Assistant 1, Library
• Dr Brendan Walsh, Assistant Lecturer, Department of Mechanical, Biomedical & Manufacturing Engineering

6.1 Financial Report 2017/18

6.2 Audited Accounts 2017/18
6.1 Financial Report 2017/18

This financial report covers the period from 1 September 2017 to 31 August 2018. The results show a consolidated operating surplus of €7.7m. This represents an improved financial position. (2017: €4.3m).

**Income**

Income increased by just under 9% from €127m to €138.5m during the period and all income headings increased with the exception of Interest Income which was down marginally reflecting the very low interest rate environment. Tuition fee income increased by €1.27m (3.5%) to €36.8m. State grants increased by €7.1m (17%) to €48.5m. Research Grant & Contracts increasing by just over €2m (17%). Whole-time equivalent students increased by 3.8% from 9,443 to 9,802 during the period.

**Expenditure**

The Institute’s consolidated current expenditure increased by 6% from €123m to €130.8m. Excluding retirement benefit costs of €24.6m, expenditure was €106m, categorized as follows: staff costs 70%; other operating cost 24% and depreciation 6%.

The Institute’s pay bill increased by €5.6m (8%) to €74.4m reflecting an increase in staffing amongst other factors. The average number of full time equivalent staff increased from 1,023 in 2017 to 1,134 in 2018. Other operating costs increased by €1.77m (7%).

Excluding the retirement benefit costs, the expenditure profile is: academic departments and research activity costs €74.6m (70%), premises costs €7.8m (7%) and administrative and support services costs €16.7m (16%) with student services costing €7.1m (7%).

**Research & Development**

Income from Research Grants and Contracts increased from €12.3m to €14.2m. This increase is to be welcomed as the majority of R&D funding is based on success in competitive State and EU funding programmes which are cyclical in nature. The expenditure profile for Research Grants is different to the rest of the Institute with Staff and Non staff cost split almost evenly.

**Reserves**

For the year ending 31 August 2018, the Institute’s Reserves (excluding Deferred Capital Grants) were €17.6m, of which €12.6m are restricted reserves for capital projects.
6.2 Audited Accounts 2017/18

Statement of Institute Responsibilities

Statement of Internal Control

Report of the Comptroller and Auditor General

Consolidated Statement of Comprehensive Income

Consolidated Statement of Changes in Reserves and Capital Account

Institute Only Statement of Changes in Reserves and Capital Account

Consolidated and Institute Statement of Financial Position

Consolidated Statement of Cash Flows

Notes to the Financial Statement
6.2.1 Statement of Institute Responsibilities

The Institutes of Technology Acts 1992 to 2006 require the Institute to prepare financial statements in such form as may be approved by the Higher Education Authority and to submit them for audit to the Comptroller and Auditor General. In preparing these financial statements, the Institute is required to:

- Select suitable accounting policies and then apply them consistently.
- Make judgements and estimates that are reasonable and prudent.
- Prepare the financial statements on the going concern basis, unless that basis is inappropriate.
- Disclose and explain any material departures from applicable accounting standards.

The Institute is responsible for keeping adequate accounting records which disclose with reasonable accuracy at any time the financial position of the Institute and which enable it to ensure that the financial statements comply with the Institutes of Technology Acts 1992 to 2006. The Institute is also responsible for safeguarding its assets and for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Signed on behalf of the Governing Body

Bob Savage
Chairman
3rd October 2019

Dr Barry O’Connor
President
3rd October 2019
6.2.2 Statement of Internal Control

1. Responsibility for the System on Internal Control
The Governing Body acknowledges its responsibility for ensuring that an effective system of internal control is maintained and operated in the Institute and for putting in place processes and procedures for the purpose of ensuring that the system is effective.

2. Reasonable Assurance
The system can provide only reasonable and not absolute assurance that assets are safeguarded, transactions authorised and properly recorded, and that material errors or irregularities are either prevented or would be detected in a timely period.

3. Review of the Statement of Internal Control (Governing Body and Audit and Risk Committee)
We confirm that the Statement on Internal Control is reviewed by the Audit and Risk Committee and the Governing Body to ensure it accurately reflects the control system in operation during the period.

4. Key Control Procedures
   (i) Appropriate Control Environment:
The Governing Body has taken steps to ensure an appropriate control environment is in place by:
   - Clearly defining management responsibilities
   - Developing procedures and regulations which are reviewed regularly and are documented, implemented and up to date.
   - Establishing formal procedures through various committee functions to monitor the activities and safeguard the assets of the organisation (Audit and Risk Committee/Finance Committee/Strategic Development Committee).
   - Adopting a Good Practice Guidelines Document which includes clear terms of reference for Governing Body Committees.
   - Developing a strong culture of accountability across all levels of the organisation.

   (ii) Business Risks:
Cork Institute of Technology has developed processes to identify and evaluate business risks. This is achieved in a number of ways including:
   - Developing an Essential Activities & Process Model to facilitate management and the Governing Body in identifying the key activities and the processes in place to manage its operations effectively.
   - Adoption of a Risk Management Policy.
   - Identifying key risks, risk owners and the controls to mitigate these risks.
   - Developing annual and longer term targets and reporting on results achieved.
   - Implementation of an Internal Control Framework.
   - A comprehensive budgeting system with an annual budget which is reviewed and agreed by the Governing Body.
   - Regular reviews by the Governing Body and its committees of periodic and annual financial reports which indicate financial performance against forecasts.
   - Setting targets to measure financial and other performances.
   - Clearly defined capital investment control guidelines.

   (iii) Information Systems:
Cork Institute of Technology has implemented a number of Management Information Systems to provide a means of comparing actual results to targets and forecasts. These systems include:
   - Financial Management – Agresso
   - Human Resources and Payroll Management – CoreHR
   - Travel and Expenses – CoreHR
   - Student Administration – Banner
   - Resource Allocation – Akari
   - Timetabling – Syllabus
(iv) Financial Implications of Major Business Risks:
Cork Institute of Technology employs a range of actions to reduce the potential for fraudulent activity. CIT’s internal control policy framework includes written policies and procedures requiring transactions to be properly authorised and providing for sufficient segregations of duties.

(v) Monitoring the Effectiveness of the Internal Control System:
The Governing Body’s monitoring and review of the effectiveness of the system of internal control is informed by the work of the Institute Executive and Management who have responsibility for the development and maintenance of the internal control framework, the Audit and Risk Committee, Internal Auditor and comments made by the Comptroller and Auditor General in his management letter.

Cork Institute of Technology has an outsourced internal audit function, which is in accordance with the Internal Audit Terms of Reference approved by the Governing Body and the Code of Governance of Irish Institutes of Technology.

5. Review of the effectiveness of the system on internal control
An Internal Audit Plan is approved by the Audit and Risk Committee annually. The plan takes account of areas of potential risk identified in a risk assessment exercise carried out with management at the start of the current planning cycle. Reports are provided to the Audit and Risk Committee on assignments carried out. These reports highlight deficiencies or weaknesses, if any, in the system of internal control and the recommended corrective measures to be taken where necessary. The Audit and Risk Committee receives regular reports on the status of issues raised.

We confirm that per Section 5.2.1 of the terms of reference of the Audit and Risk Committee, as approved by Governing Body, the Audit Committee reviewed the reports on Internal Controls and Internal Financial Controls for the year ended 31 August 2018 at their meetings on 17 October 2018 and reported to Governing Body on 6 December 2018.

6. Weaknesses in internal control. Disclosure of details regarding instances where breaches in control occurred
There were no weaknesses in internal control that resulted in material losses, contingencies or uncertainties which required disclosure in the financial statements.

7. Description of the action taken to correct weaknesses
There were no weaknesses in internal control that resulted in material losses, contingencies or uncertainties which required disclosure in the financial statements.

The Governing Body adopted the THEA Code of Governance for Institutes of Technology 2018 on 12 April 2018 and is working to achieve compliance with this Code by the 31st August 2019. The code outlines specific financial disclosure requirements which have been reflected in the financial statements with the exception of reporting requirements related to remuneration, the full details of which are disclosed in Note 9 to the accounts.

Signed on behalf of the Governing Body

Bob Savage
Chairman
3rd October 2019

Dr Barry O’Connor
President
3rd October 2019
Cork Institute of Technology

Opinion on the financial statements

I have audited the financial statements of Cork Institute of Technology for the year ended 31 August 2018 as required under the provisions of the Institutes of Technology Acts 1992 to 2006. The financial statements comprise

- the consolidated statement of comprehensive income
- the consolidated statement of changes in reserves and capital account
- the Institute only statement of changes in reserves and capital account
- the consolidated and Institute statement of financial position
- the consolidated statement of cash flows, and
- the related notes, including a summary of significant accounting changes.

In my opinion, the financial statements give a true and fair view of the assets, liabilities and financial position of the Group and the Institute at 31 August 2018 and of the income and expenditure of the Group and the Institute for the year then ended in accordance with Financial Reporting Standard (FRS) 102 - The Financial Reporting Standard applicable in the UK and the Republic of Ireland.

Basis of opinion

I conducted my audit of the financial statements in accordance with the International Standards on Auditing (ISAs) as promulgated by the International Organisation of Supreme Audit Institutions. My responsibilities under those standards are described in the appendix to this report. I am independent of the Institute and have fulfilled my other ethical responsibilities in accordance with the standards.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

Report on information other than the financial statements, and on other matters

The Institute has presented certain other information together with the financial statements. This comprises the statement of Institute responsibilities and the statement on internal control.

My responsibilities to report in relation to such information, and on certain other matters upon which I report by exception, are described in the appendix to this report.

I have nothing to report in regard to those matters.

Seamus McCarthy
Comptroller and Auditor General
9 October 2019
Responsibilities of Governing Body members

The members are responsible for

• the preparation of financial statements in the form prescribed under the Institutes of Technology Acts 1992 to 2006

• ensuring that the financial statements give a true and fair view in accordance with FRS102

• ensuring the regularity of transactions

• assessing whether the use of the going concern basis of accounting is appropriate, and

• such internal control as they determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Responsibilities of the Comptroller and Auditor General

I am required under the Institutes of Technology Acts 1992 to 2006 to audit the financial statements of the Institute and to report thereon to the Houses of the Oireachtas.

My objective in carrying out the audit is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement due to fraud or error. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with the ISAs, I exercise professional judgment and maintain professional scepticism throughout the audit. In doing so,

• I identify and assess the risks of material misstatement of the financial statements whether due to fraud or error; design and perform audit procedures responsive to those risks; and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

• I obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the internal controls.

• I evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures.

• I conclude on the appropriateness of the use of the going concern basis of accounting and, based on the audit evidence obtained, on whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institute's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my report. However, future events or conditions may cause the Institute to cease to continue as a going concern.

• I evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.
Information other than the financial statements

My opinion on the financial statements does not cover the other information presented with those statements, and I do not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, I am required under the ISAs to read the other information presented and, in doing so, consider whether the other Information is materially inconsistent with the financial statements or with knowledge obtained during the audit, or if it otherwise appears to be materially misstated. If, based on the work I have performed, I conclude that there is a material misstatement of this other information, I am required to report that fact.

Reporting on other matters

My audit is conducted by reference to the special considerations which attach to bodies in receipt of substantial funding from the State in relation to their management and operation. I report if I identify material matters relating to the manner in which public business has been conducted.

I seek to obtain evidence about the regularity of financial transactions in the course of audit. I report if I identify any material instance where public money has not been applied for the purposes intended or where transactions did not conform to the authorities governing them. I also report by exception if, in my opinion,

- I have not received all the information and explanations I required for my audit, or
- the accounting records were not sufficient to permit the financial statements to be readily and properly audited, or
- the financial statements are not in agreement with the accounting records.
### 6.2.4 Consolidated Statement of Comprehensive Income for year ended 31 August 2018

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<th>Note</th>
<th>Income</th>
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<th>€000's</th>
<th>€000's</th>
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<td>Tuition Fees &amp; Student Contribution</td>
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<td>36,775</td>
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<td>35,502</td>
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<td>Research Grants &amp; Contracts</td>
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<td>13,218</td>
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<td>Student Support Funding</td>
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<td>549</td>
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<td>Other Income</td>
<td>8,083</td>
<td>4,437</td>
<td>7,857</td>
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<td>19</td>
<td>Amortisation of Deferred Capital Grants</td>
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<td>5,597</td>
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<td>24</td>
<td>Interest Income</td>
<td>24</td>
<td>17</td>
<td>28</td>
<td>19</td>
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<tr>
<td>26</td>
<td>Deferred Pension Costs</td>
<td>24,652</td>
<td>24,652</td>
<td>24,404</td>
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**Total Income**

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<th>Institute 31/08/18</th>
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<td>138,496</td>
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<table>
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<th>Note</th>
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<td>9</td>
<td>Staff costs</td>
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<td>72,455</td>
<td>68,709</td>
<td>66,783</td>
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<td>26</td>
<td>Retirement Benefit Costs</td>
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<td>10</td>
<td>Other Operating Expenses</td>
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<td>13</td>
<td>Depreciation</td>
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**Total Expenditure**

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<td>130,796</td>
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**Surplus before other gains/(losses) and share of surplus/(deficit) in joint ventures & associates**

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<td>7,700</td>
<td>7,658</td>
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**Share of Operating Surplus in Joint Venture**

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<td></td>
<td>30</td>
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**Surplus before Tax**

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<td>7,730</td>
<td>7,688</td>
<td>4,531</td>
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**Taxation**

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**Surplus before other gains and losses**

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<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7,728</td>
<td>7,688</td>
<td>4,525</td>
<td>4,538</td>
</tr>
</tbody>
</table>

**Experience (losses)/gains on retirement benefit obligations**

<table>
<thead>
<tr>
<th></th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,211</td>
<td>5,211</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Reduction in pension liabilities arising from retirements in the year**

<table>
<thead>
<tr>
<th></th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12,511</td>
<td>12,511</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Changes in assumptions underlying the present value of retirement benefit obligations**

<table>
<thead>
<tr>
<th></th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(658)</td>
<td>(658)</td>
<td>10,474</td>
<td>10,474</td>
</tr>
</tbody>
</table>

**Total actuarial gains/(losses) in the year**

<table>
<thead>
<tr>
<th></th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>17,064</td>
<td>17,064</td>
<td>10,474</td>
<td>10,474</td>
</tr>
</tbody>
</table>

**Adjustment to deferred retirement benefits funding**

<table>
<thead>
<tr>
<th></th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(17,064)</td>
<td>(17,064)</td>
<td>(10,474)</td>
<td>(10,474)</td>
</tr>
</tbody>
</table>

**Total comprehensive income for the year**

<table>
<thead>
<tr>
<th></th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
<th>€000's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7,728</td>
<td>7,688</td>
<td>4,525</td>
<td>4,538</td>
</tr>
</tbody>
</table>

*All items of income and expenditure relate to continuing activities. Notes 1 – 27 form part of these financial statements.*

Signed on behalf of the Governing Body

Bob Savage  
Chairman  
3rd October 2019

Dr Barry O’Connor  
President  
3rd October 2019

CIT Annual Report 2017/18
6.2.5 Consolidated Statement of Changes in Reserves and Capital Account for year ended 31 August 2018

<table>
<thead>
<tr>
<th></th>
<th>Note 19</th>
<th>Note 20</th>
<th>Capital Reserve Student Services Co Ltd</th>
<th>Revenue Reserves €000's</th>
<th>Total €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Capital Grants €000's</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Development Reserve €000's</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restricted Reserve €000's</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restricted Reserve €000's</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Reserve Student Services Co Ltd</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revenue Reserves €000's</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total €000's</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Opening Balance at 1 September 2016

| Surplus for the year before appropriations | - | - | - | - | 4,525 | 4,525 |
| Amortisation of Deferred Capital Grants | (5,625) |         |         |         |        | (5,625) |
| Amount released on Disposal of Fixed Assets | (3) |         |         |         |        | (3) |
| Research Grants & Contract allocated to Capital | 111 |         |         |         |        | 111 |
| State Grant allocated to Capital | 1,968 |         |         |         |        | 1,968 |
| Student Support allocated to Capital | 15 |         |         |         |        | 15 |
| Transfer to CDR | - | 2,987 | - | - | (2,987) | - |
| Transfer from CDR to Expenditure | - | (225) | - | - | 225 | - |
| Transfer from CDR to DCG | 219 | (219) | - | - | - | - |
| Transfer from CDR to Rev. Reserves | - | (122) | - | - | 122 | - |
| Movement for the period | (3,315) | 2,421 | - | - | 1,885 | 991 |
| Balance at 31 August 2017 | 98,233 | 7,233 | 9 | 321 | 2,331 | 108,127 |

Surplus for the year before appropriations | - | - | - | - | 7,728 | 7,728 |
Amortisation of Deferred Capital Grants | (5,709) | - | - | - | - | (5,709) |
Amount released on Disposal of Fixed Assets | (36) | - | - | - | - | (36) |
Research Grants & Contract allocated to Capital | 378 | - | - | - | - | 378 |
State Grant allocated to Capital | 2,944 | - | - | - | - | 2,944 |
Student Support allocated to Capital | 7 | - | - | - | - | 7 |
Tuition Fees and Student Contribution allocated to Capital | 9 | - | - | - | - | 9 |
Transfer to CDR | - | 5,136 | (2) | - | (5,136) | (2) |
Transfer from CDR to Expenditure | - | (36) | - | - | 36 | - |
Transfer from CDR to DCG | 19 | (19) | - | - | - | - |
Transfer from CDR to Rev. Reserves | - | (6) | - | - | 6 | - |
Movement for the period | (2,402) | 5,075 | (2) | - | 2,634 | 5,305 |

Balance at 31 August 2018 | 95,831 | 12,308 | 7 | 321 | 4,965 | 113,432 |

continued
6.2.5 Consolidated Statement of Changes in Reserves and Capital Account for year ended 31 August 2018 continued

Notes 1 – 27 form part of these financial statements.

Signed on behalf of the Governing Body

Bob Savage    Dr Barry O’Connor
Chairman    President
3rd October 2019    3rd October 2019
### 6.2.6 Institute only Statement of Changes in Reserves and Capital Account for year ended 31 August 2018

<table>
<thead>
<tr>
<th>Note 19 Deferred Capital Grants €000’s</th>
<th>Note 20 Capital Development Reserve €000’s</th>
<th>Restricted Reserve €000’s</th>
<th>Revenue Reserves €000’s</th>
<th>Total €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Opening Balance at 1 September 2016</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>101,483</td>
<td>4,812</td>
<td>9</td>
<td>(854)</td>
<td>105,450</td>
</tr>
</tbody>
</table>

Surplus for the year before appropriations
Amortisation of Deferred Capital Grants
Amount released on Disposal of Fixed Assets
Research Grants & Contract allocated to Capital
State Grant allocated to Capital
Student support allocated to Capital
Transfer to CDR
Transfer from CDR to Expenditure
Transfer from CDR to DCG
Transfer from CDR to Rev. Reserves

<table>
<thead>
<tr>
<th>Movement for the period</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3,315)</td>
</tr>
<tr>
<td>2,421</td>
</tr>
<tr>
<td>-</td>
</tr>
<tr>
<td>1,795</td>
</tr>
<tr>
<td>901</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Balance at 31 August 2017</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>98,168</td>
</tr>
<tr>
<td>7,233</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>941</td>
</tr>
<tr>
<td>106,351</td>
</tr>
</tbody>
</table>

Surplus for the year before appropriations
Amortisation of Deferred Capital Grants
Amount released on Disposal of Fixed Assets
Research Grants & Contract allocated to Capital
State Grant allocated to Capital
Student Support allocated to Capital
Tuition Fees and Student Contribution allocated to Capital
Transfer to CDR
Transfer from CDR to Expenditure
Transfer from CDR to DCG
Transfer from CDR to Rev. Reserves

<table>
<thead>
<tr>
<th>Movement for the period</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2,395)</td>
</tr>
<tr>
<td>5,075</td>
</tr>
<tr>
<td>(2)</td>
</tr>
<tr>
<td>2,594</td>
</tr>
<tr>
<td>5,272</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Balance at 31 August 2018</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>95,773</td>
</tr>
<tr>
<td>12,308</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>3,535</td>
</tr>
<tr>
<td>111,623</td>
</tr>
</tbody>
</table>

*continued*
6.2.6 Institute only Statement of Changes in Reserves and Capital Account for year ended 31 August 2018 continued

Notes 1 – 27 form part of these financial statements.

Signed on behalf of the Governing Body

Bob Savage
Chairman
3rd October 2019

Dr Barry O’Connor
President
3rd October 2019
### 6.2.7 Consolidated and Institute Statement of Financial Position for year ended 31 August 2018

<table>
<thead>
<tr>
<th>Note</th>
<th>Consolidated 31/08/18 €000’s</th>
<th>Institute 31/08/18 €000’s</th>
<th>Consolidated 31/08/17 €000’s</th>
<th>Institute 31/08/17 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Property, plant &amp; equipment</td>
<td>13</td>
<td>96,950</td>
<td>96,495</td>
<td>99,518</td>
</tr>
<tr>
<td>Investments</td>
<td>14</td>
<td>212</td>
<td>50</td>
<td>217</td>
</tr>
<tr>
<td></td>
<td></td>
<td>97,162</td>
<td>96,545</td>
<td>99,735</td>
</tr>
<tr>
<td>Current Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inventory</td>
<td></td>
<td>89</td>
<td>-</td>
<td>92</td>
</tr>
<tr>
<td>Receivables</td>
<td>15</td>
<td>8,001</td>
<td>8,018</td>
<td>7,085</td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>16</td>
<td>27,913</td>
<td>26,467</td>
<td>21,946</td>
</tr>
<tr>
<td></td>
<td></td>
<td>36,003</td>
<td>34,485</td>
<td>29,123</td>
</tr>
<tr>
<td>Less Payables; Amounts due within 1 year</td>
<td>17</td>
<td>(19,733)</td>
<td>(19,407)</td>
<td>(20,731)</td>
</tr>
<tr>
<td>Net Current Liabilities</td>
<td></td>
<td>16,270</td>
<td>15,078</td>
<td>8,392</td>
</tr>
<tr>
<td>Total Assets less Current Liabilities</td>
<td></td>
<td>113,432</td>
<td>111,623</td>
<td>108,127</td>
</tr>
<tr>
<td>Payables; Amounts due after 1 year</td>
<td>17</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Provisions for Liabilities &amp; Charges</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Retirement Benefits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deferred State Capital Grants</td>
<td>19</td>
<td>95,831</td>
<td>95,773</td>
<td>98,233</td>
</tr>
<tr>
<td>Capital Development Reserve</td>
<td>20</td>
<td>12,308</td>
<td>12,308</td>
<td>7,233</td>
</tr>
<tr>
<td>Capital Reserve - Student Services Co Ltd</td>
<td></td>
<td>321</td>
<td>-</td>
<td>321</td>
</tr>
<tr>
<td>Restricted Reserve</td>
<td></td>
<td>7</td>
<td>7</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12,636</td>
<td>12,315</td>
<td>7,563</td>
</tr>
<tr>
<td>Unrestricted Reserves</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income &amp; Expenditure Reserve</td>
<td></td>
<td>4,965</td>
<td>3,535</td>
<td>2,331</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4,965</td>
<td>3,535</td>
<td>2,331</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>113,432</td>
<td>111,623</td>
<td>108,127</td>
</tr>
</tbody>
</table>

Notes 1 – 27 form part of these financial statements.

Signed on behalf of the Governing Body

Bob Savage
Chairman
3rd October 2019

Dr Barry O’Connor
President
3rd October 2019
### 6.2.8 Consolidated Statement of Cash Flows for year ended 31 August 2018

<table>
<thead>
<tr>
<th></th>
<th>Year Ended</th>
<th>Year Ended</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31/08/18 €000’s</td>
<td>31/08/17 €000’s</td>
</tr>
<tr>
<td><strong>Net Cash flow from operating Activities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surplus/(Deficit) for year</td>
<td>7,728</td>
<td>4,525</td>
</tr>
<tr>
<td>Depreciation of fixed assets</td>
<td>5,979</td>
<td>5,890</td>
</tr>
<tr>
<td>Amortisation of deferred capital grants</td>
<td>(5,709)</td>
<td>(5,628)</td>
</tr>
<tr>
<td>(Increase)/Decrease in Stock</td>
<td>3</td>
<td>19</td>
</tr>
<tr>
<td>Decrease/(Increase) in Receivables</td>
<td>(916)</td>
<td>(2,158)</td>
</tr>
<tr>
<td>(Decrease)/Increase in Payables</td>
<td>(998)</td>
<td>6,095</td>
</tr>
<tr>
<td>Decrease/(Increase) in Investments</td>
<td>5</td>
<td>(1)</td>
</tr>
<tr>
<td>Profit/Loss on Fixed Asset Disposal</td>
<td>36</td>
<td>3</td>
</tr>
<tr>
<td>Investment Income</td>
<td>(215)</td>
<td>(215)</td>
</tr>
<tr>
<td>Interest Income</td>
<td>(24)</td>
<td>(28)</td>
</tr>
<tr>
<td>State funds allocated to capital</td>
<td>3,324</td>
<td>2,094</td>
</tr>
<tr>
<td>Amount released from CDR</td>
<td>(36)</td>
<td>-</td>
</tr>
<tr>
<td>(Decrease)/Increase in Restricted Reserve</td>
<td>(2)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Net Cash Inflow from Operating Activities</strong></td>
<td>9,175</td>
<td>10,596</td>
</tr>
<tr>
<td><strong>Cash Flows from Investing Activities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payments to acquire property, plant &amp; equipment</td>
<td>(3,447)</td>
<td>(2,824)</td>
</tr>
<tr>
<td><strong>Net Cash Flows from Investing Activities</strong></td>
<td>(3,447)</td>
<td>(2,824)</td>
</tr>
<tr>
<td><strong>Cash Flows from Financing activities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Income</td>
<td>215</td>
<td>215</td>
</tr>
<tr>
<td>Interest Received</td>
<td>24</td>
<td>28</td>
</tr>
<tr>
<td><strong>Net Cash Flows from Financing activities</strong></td>
<td>239</td>
<td>243</td>
</tr>
<tr>
<td><strong>Net increase/(decrease) in cash equivalents in the year</strong></td>
<td>5,967</td>
<td>8,015</td>
</tr>
<tr>
<td>Cash &amp; Cash Equivalents at 1 September</td>
<td>21,946</td>
<td>13,931</td>
</tr>
<tr>
<td><strong>Cash &amp; Cash Equivalents at 31 August</strong></td>
<td>27,913</td>
<td>21,946</td>
</tr>
</tbody>
</table>

*Notes 1 – 27 form part of these financial statements.*

Signed on behalf of the Governing Body

Bob Savage
Chairman
3rd October 2019

Dr Barry O’Connor
President
3rd October 2019

CIT Annual Report 2017/18
6.2.9 Notes to the Financial Statements

1. Significant Accounting Policies

The accounting policies which are considered material in relation to the financial statements are summarised below. They have all been applied consistently throughout the year and to the preceding year.

a) General Information

The primary objectives of the Institute are to provide third level education and other associated activities.

The financial statements have been prepared under the historical cost convention, and in accordance with Financial Reporting Standard 102 (FRS 102) issued by the Financial Reporting Council and promulgated for use in Ireland by Chartered Accountants Ireland and with the requirements of the Higher Education Authority.

The functional currency of FRS 102 Cork Institute of Technology is considered to be Euro because that is the currency of the primary economic environment in which the Institute operates. The consolidated financial statements are also presented in Euro. Foreign operations are included in accordance with the policies set out below.

b) Basis of Consolidation

The Group financial statements consolidate the financial statements of the Institute and its subsidiary undertakings made up to 31 August 2018.

The results of subsidiaries acquired or sold are consolidated for the periods from or to the date on which control passed.

Where necessary, adjustments are made to the financial statements of subsidiaries to bring the accounting policies used into line with those used by the Group. All intra-group transactions, balances, income and expenses are eliminated on consolidation.

c) Going Concern

The Governing Authority is satisfied that the Institute has adequate resources to meet its obligations as they fall due for the foreseeable future. Thus, they continue to adopt the going concern basis of accounting in preparing the annual financial statements.

d) Property, Plant and Equipment

(i) Land and Buildings

Tangible fixed assets are stated at cost or valuation, net of depreciation and any provision for impairment. Depreciation is provided on all tangible fixed assets, other than investment properties and freehold land, at rates calculated to write off the cost or valuation, less estimated residual value, of each asset on a straight-line basis over its expected useful life, as follows:

- Freehold buildings 30 - 50 years

Residual value represents the estimated amount which would currently be obtained from disposal of an asset, after deducting estimated costs of disposal, if the asset were already of the age and in the condition expected at the end of its useful life.

(ii) Equipment

From 1 September 2009, equipment costing less than €3,000 per individual item is written off to the income and expenditure account in the year of acquisition. Where individual items of equipment purchased are below the capitalisation limit (€3,000) and the total purchase invoice is in excess of the limit, these items are individually capitalised in the normal way. All other equipment is capitalised at cost. Capitalised equipment is depreciated on a straight-line basis over its useful economic life as follows:

- Fixtures & Fittings including Prefabs 5 - 10 years
- Car Parks 20 years
- Computer equipment 3 years
- Plant & Machinery 10 years
- Equipment 5 years
- Motor Vehicles 5 years
All equipment funded from Research Grants and Contracts is depreciated over the life of the assets in line with the policy for all other Fixed Assets.

Assets in the Student Services Company Limited are depreciated over 2-5 years - straight line.

e) Joint Venture Undertakings
In the Institute financial statements, investments in associates are accounted for using the equity method. Investments in joint venture undertakings are initially recognised at the transaction price (including transaction costs) and are subsequently adjusted to reflect the Institute’s share of the profit or loss and other comprehensive income of the associate. Goodwill arising on the acquisition of associates is accounted for in accordance with the policy set out above. Any unamortised balance of goodwill is included in the carrying value of the investment in joint venture undertakings.

In the Institute financial statements investments in joint venture undertakings are accounted for at cost less impairment.

f) Inventory
Inventory is stated at the lower of cost and estimated selling price less costs to sell, which is equivalent to the net realisable value. Cost is calculated using the FIFO (first-in, first-out) method. Provision is made for obsolete, slow-moving or defective items where appropriate. Inventory shown in the Statement of Financial Position relates to merchandise in Cosmos Education Limited and consumable stock in the Student Services Company Limited.

g) Impairment of Assets
Assets, other than those measured at fair value, are assessed for indicators of impairment. If there is objective evidence of impairment, an impairment loss is recognised in profit or loss as described below.

Financial Assets
For financial assets carried at amortised cost, the amount of an impairment is the difference between the asset’s carrying amount and the present value of estimated future cash flows, discounted at the financial asset’s original effective interest rate.

For financial assets carried at cost less impairment, the impairment loss is the difference between the asset’s carrying amount and the best estimate of the amount that would be received for the asset if it were to be sold at the reporting date.

Where indicators exist for a decrease in impairment loss, and the decrease can be related objectively to an event occurring after the impairment was recognised, the prior impairment loss is tested to determine reversal. An impairment loss is reversed on an individual impaired financial asset to the extent that the revised recoverable value does not lead to a revised carrying amount higher than the carrying value had no impairment been recognised.

h) Taxation
a. Corporation Tax
As an exempt charity, the Institute is not liable for corporation tax or income tax on any of its charitable activities. It is registered for value added tax, but since the supply of education is an exempt activity on which no output tax is charged it is unable to recover input tax on the majority of its purchases. Certain research and commercial activities within the Institute falls into the VAT net, any input or output tax relating to these activities is returned to the Revenue by the Institute.

b. Deferred Taxation
In subsidiary companies, who do not hold a charitable status and are therefore liable to corporation tax, deferred taxation is recognised in respect of all timing differences that have originated but not reversed at the Statement of Financial Position date. Provision is made at the rates expected to apply when the timing differences reverse. Timing differences are differences between taxable profits and results as stated in the financial statements that arise from the inclusion of gains and losses in taxable profits in period’s difference from those in which they are recognised in the financial statements.

A net deferred tax asset is regarded as recoverable and, therefore, recognised only when, on the basis of all available evidence, it can be regarded as more likely than not that there will be suitable taxable profits from which the future reversal of the underlying timing differences can be deducted.
i) Recognition of Income

State Grants
Recurrent state grants from the Higher Education Authority and other bodies are recognised in the period in which they are receivable. Non Recurrent Grants from the Higher Education Authority or other state bodies received in respect of the acquisition or construction of Fixed Assets are treated as deferred Capital Grants and amortised in line with the depreciation over the life of the assets.

Fee Income
Fee income is accounted for on an accruals basis.

Research Grants and Contracts
Income from research grants and contracts is matched to expenditure and included in the year the expenditure is incurred unless the grant has performance related conditions or restrictions associated with it. The most common classes of such transactions are set out below:

a. Donations with No Restrictions
Donations with no restrictions include amounts given to the Institute by way of cash or asset with no restriction as to how the donation should be used. Such donations are recorded in the Statement of Comprehensive Income on entitlement to the income.

b. Donations with Restrictions
Donations with restrictions are recorded within the Statement of Comprehensive Income on entitlement to the income. The restricted income received is held in the temporarily restricted reserve until such time that the expenditure is incurred in accordance with the restrictions.

c. Research Grants with Performance-related Conditions
Income from grants with performance-related conditions is recognised in the Statement of Comprehensive Income when the performance-related conditions are met. Grants with unfulfilled performance related conditions are held as deferred income until such time as the conditions are met, at which point the income is recorded in the Statement of Comprehensive Income.

d. Other
Income from other research grants and contracts is matched to expenditure and is included in the income of the year in which the related expenditure has been incurred.

Minor Capital Works
The Minister for Education and Skills introduced a scheme to devolve responsibility to the Institute for summer and other Capital Works.

In all cases Minor Capital Works funding is recognised in the period received.

Income from Short-Term Deposits
All income from short-term deposits is credited to the income and expenditure account in the period in which it is earned.

j) Employee Benefits

a. Retirement Benefits
Pension entitlements of staff recruited prior to 1 January 2013 are conferred under a defined benefit pension scheme established under the Education Sector Superannuation Scheme 2015. The scheme is operated on a Pay-as-You-Go basis, with superannuation deductions made from employees being retained by the Institute as an agreed part of its funding.

The Institute also operates the Single Public Service Pension Scheme ("Single Scheme"), which is the defined benefit scheme for pensionable public servants appointed on or after 1 January 2013 in accordance with the Public Service Pensions (Single Scheme and Other Provisions) Act 2012. Single Scheme members’ contributions are paid over by the Institute to the Department of Public Expenditure and Reform (DPER).

Pension costs charged to expenditure in the year reflect the benefits earned by current employees during the year and are shown net of staff pension contributions which, in respect of (i) the Education Sector Superannuation Scheme 2015, are retained by the Institute and (ii) the Single Scheme, are remitted to DPER. An amount corresponding to the pension cost is recognised as income to the extent that it is recoverable.
Actuarial gains or losses arising on scheme liabilities are reflected in the Statement of Comprehensive Income and a corresponding adjustment is recognised in the amount recoverable by the Institute from the Higher Education Authority.

The financial statements reflect, at fair value, the assets and liabilities arising from the Institute’s pension obligations in respect of its current staff only and any related funding. The costs of providing pension benefits are recognised in the accounting periods in which they are earned by employees. Pension liabilities in respect of former employees who are in receipt of pensions are excluded because pension payments are charged to the appropriation account of the Department of Education and Skills. The reduction in liability arising from members who retire during the year is reflected as an experience gain. Retirement benefit scheme liabilities are measured on an actuarial basis using the projected unit credit method.

Subsidiary staff are not part of the Public Sector scheme and each company operates its own private scheme.

b. Short-Term Benefits
Short-term benefits such as holiday pay are recognised as an expense in the year, and benefits that are accrued at year end are included in the Payables figure in the Statement of Financial Position. There is no accrual for holiday pay for Academic staff at year end due to the nature of their contracts.

k) Foreign Currency
Transactions in foreign currencies are recorded at the rate of exchange at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies at the Statement of Financial Position date are reported at the rates of exchange prevailing at that date.

l) Leases
Assets held under finance leases, hire purchase contracts and other similar arrangements, which confer rights and obligations similar to those attached to owned assets, are capitalised as tangible fixed assets at the fair value of the leased asset (or, if lower, the present value of the minimum lease payments as determined at the inception of the lease) and are depreciated over the shorter of the lease terms and their useful lives. The capital elements of future lease obligations are recorded as liabilities, while the interest elements are charged to the profit and loss account over the period of the leases to produce a constant periodic rate of interest on the remaining balance of the liability.

Rentals under operating leases are charged on a straight-line basis over the lease term, even if the payments are not made on such a basis. Benefits received and receivable as an incentive to sign an operating lease are similarly spread on a straight-line basis over the lease term.

m) Deferred Capital Grants
Deferred capital grants represent unamortised value of accumulated funds allocated for fixed assets.

n) Reserves
Capital Development Reserve
The capital development reserve represents funds set aside by the Institute for specified capital development purposes. Such funds arise from Student Registration Fees, non-state capital donations, banking facility fees and transfers from Revenue Reserves, in the latter case, which have had the prior approval of the Higher Education Authority, together with bank interest earned on these monies. Such funds shall be retained in the Capital Development Reserve Account provided the defined projects to which they are committed are in line with the Institute’s Capital Development plan, have been approved by the Governing Body and are time phased and with estimates of costs.

2. Critical Accounting Judgements and Key Sources of Estimation
In the application of the Institute’s accounting policies, which are described in note 1, the Governing Authority are required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.
Critical Judgements in Applying the Institute’s Accounting Policies

The following are the critical judgements, apart from those involving estimations (which are dealt with separately below), that the Governing Body has made in the process of applying the Institute’s accounting policies and that have the most significant effect on the amounts recognised in the financial statements.

a) Retirement Benefit Obligation

The assumptions underlying the actuarial valuations for which the amounts recognised in the financial statements are determined (including discount rates, rates of increase in future compensation levels and mortality rates) are updated annually based on current economic conditions, and for any relevant changes to the terms and conditions of the pension and post-retirement plans.

The assumptions can be affected by

(i) The discount rate, changes in the rate of return on high-quality corporate bonds

(ii) Future compensation levels, future labour market conditions

b) Holiday Pay

The holiday pay accrual is calculated by reference to the days’ holidays outstanding at the year end. Academic staff do not require an accrual at year end due to the nature of their contract.

c) Property, Plant and Equipment

Depreciation is calculated based on estimates and assumptions on the useful economic life and expected residual value of the asset.

3. State Grants

<table>
<thead>
<tr>
<th></th>
<th>Allocated for Recurrent Expenditure €000's</th>
<th>Allocated for Capital Expenditure €000's</th>
<th>2018 Total €000's</th>
<th>2017 Total €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recurrent Expenditure - HEA</td>
<td>48,262</td>
<td>2,244</td>
<td>50,506</td>
<td>42,416</td>
</tr>
<tr>
<td>Capital Grant - HEA</td>
<td>200</td>
<td>700</td>
<td>900</td>
<td>900</td>
</tr>
<tr>
<td><strong>Total 2018</strong></td>
<td><strong>48,462</strong></td>
<td><strong>2,944</strong></td>
<td><strong>51,406</strong></td>
<td><strong>43,316</strong></td>
</tr>
<tr>
<td><strong>Total 2017</strong></td>
<td><strong>41,348</strong></td>
<td><strong>1,968</strong></td>
<td><strong>43,316</strong></td>
<td></td>
</tr>
</tbody>
</table>
4. Tuition Fees and Student Contribution

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th></th>
<th>2017</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Students</td>
<td>Non State</td>
<td>Students</td>
<td>Non State</td>
</tr>
<tr>
<td></td>
<td>WTE</td>
<td>State Funded</td>
<td>WTE</td>
<td>State Funded</td>
</tr>
<tr>
<td>Fees paid by State</td>
<td>7,144</td>
<td>5,621</td>
<td>-</td>
<td>5,621</td>
</tr>
<tr>
<td>Non EU Fees</td>
<td>127</td>
<td>22</td>
<td>986</td>
<td>1,008</td>
</tr>
<tr>
<td>Fees paid by students or on behalf of Students</td>
<td>813</td>
<td>500</td>
<td>1,270</td>
<td>1,770</td>
</tr>
<tr>
<td>Life Long Learning and other fees</td>
<td>1,718</td>
<td>194</td>
<td>5,314</td>
<td>5,508</td>
</tr>
<tr>
<td>Student Contribution inc repeat exam fees</td>
<td>10,594</td>
<td>12,283</td>
<td>22,877</td>
<td>-</td>
</tr>
<tr>
<td>Capital items charged to Life Long Learning</td>
<td>-</td>
<td></td>
<td>(9)</td>
<td></td>
</tr>
<tr>
<td>Transfer to Capital Development Reserve</td>
<td>(4,828)</td>
<td></td>
<td></td>
<td>(1,876)</td>
</tr>
</tbody>
</table>

The Higher Education Authority paid tuition fees in the year of €5.016m for fees and €605k for Springboard/ICT Skills, the total costs of which are part funded by the European Social Fund. SUSI paid student contribution fees in the year of €9.872m in 2018 (€10.108m in 2017).

Student numbers are stated as whole time equivalents based on enrolled credits.

Capital Items of €9k (2017 €0k) have been charged against Life Long Learning.
5. **Research Grants and Contracts**

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>€000’s</td>
<td>€000’s</td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State HEA</td>
<td>315</td>
<td>382</td>
</tr>
<tr>
<td>State Other</td>
<td>6,927</td>
<td>6,239</td>
</tr>
<tr>
<td>Other</td>
<td>7,272</td>
<td>5,535</td>
</tr>
<tr>
<td>Dividend</td>
<td>30</td>
<td>215</td>
</tr>
<tr>
<td>Allocated to Capital</td>
<td>(398)</td>
<td>(111)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14,146</td>
<td>12,260</td>
</tr>
<tr>
<td><strong>Expenditure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pay Costs</td>
<td>6,729</td>
<td>6,239</td>
</tr>
<tr>
<td>Non Pay Costs</td>
<td>6,447</td>
<td>5,466</td>
</tr>
<tr>
<td>Depreciation Non State</td>
<td>87</td>
<td>66</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>13,263</td>
<td>11,771</td>
</tr>
<tr>
<td><strong>Net Outcome</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer to CDR</td>
<td>883</td>
<td>489</td>
</tr>
<tr>
<td>Transfer from CDR – Non State Asset</td>
<td>(99)</td>
<td>-</td>
</tr>
<tr>
<td>Transfer from CDR to Expenditure</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Surplus for the year</td>
<td>825</td>
<td>714</td>
</tr>
</tbody>
</table>

Included in the Research Grant and Contract Income is an amount of €1.201m in respect of overhead recovery. The balance represents direct costs recovered for research work undertaken. The HEA paid grants towards Research & Development of €722k in 2018 (€583k in 2017).

6. **Analysis of State Derived Income**

<table>
<thead>
<tr>
<th>Name of Grantor</th>
<th>Op Deferral 01/09/17 €000’s</th>
<th>Grant received €000’s</th>
<th>CL Deferral 31/08/18 €000’s</th>
<th>I&amp;E 2018 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Note 3 - State Grant</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEA</td>
<td>2,143</td>
<td>49,878</td>
<td>(615)</td>
<td>51,406</td>
</tr>
<tr>
<td>Allocated for Capital Expenditure</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>(2,944)</td>
</tr>
<tr>
<td><strong>State Income</strong></td>
<td>2,143</td>
<td>49,878</td>
<td>(615)</td>
<td>48,462</td>
</tr>
</tbody>
</table>

| **Note 4 - Tuition Fees and Student Contribution** | | | |
|---|---|---|
| HEA | - | 5,621 | - |
| Fáilte Ireland | - | 304 | - |
| State – Other | - | 1,134 | - |
| SUSI | - | 9,872 | - |
| **Tuition fees and student contribution** | - | 16,931 | - |
6. **Analysis of State Derived Income (continued)**

<table>
<thead>
<tr>
<th>Name of Grantor</th>
<th>Op Deferral 01/09/17 €000’s</th>
<th>Grant received 31/08/18 €000’s</th>
<th>CL Deferral 31/08/18 €000’s</th>
<th>I&amp;E 2018 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bord Iascaigh Mhara</td>
<td>(4)</td>
<td>21</td>
<td>(5)</td>
<td>12</td>
</tr>
<tr>
<td>Cork City Council</td>
<td>-</td>
<td>34</td>
<td>5</td>
<td>39</td>
</tr>
<tr>
<td>Cork County Council</td>
<td>(20)</td>
<td>84</td>
<td>41</td>
<td>105</td>
</tr>
<tr>
<td>Cork Institute of Technology</td>
<td>-</td>
<td>32</td>
<td>(29)</td>
<td>3</td>
</tr>
<tr>
<td>Irish Coastguard</td>
<td>17</td>
<td>7</td>
<td>-</td>
<td>24</td>
</tr>
<tr>
<td>Cork City Partnership</td>
<td>-</td>
<td>8</td>
<td>-</td>
<td>8</td>
</tr>
<tr>
<td>Department of Agriculture &amp; Food</td>
<td>323</td>
<td>239</td>
<td>(47)</td>
<td>515</td>
</tr>
<tr>
<td>Department of Defence</td>
<td>-</td>
<td>-</td>
<td>(2)</td>
<td>(2)</td>
</tr>
<tr>
<td>Department of Education &amp; Skills</td>
<td>(20)</td>
<td>111</td>
<td>35</td>
<td>126</td>
</tr>
<tr>
<td>Enterprise Ireland</td>
<td>460</td>
<td>3,092</td>
<td>(539)</td>
<td>3,013</td>
</tr>
<tr>
<td>Environmental Protection Agency</td>
<td>332</td>
<td>862</td>
<td>(217)</td>
<td>977</td>
</tr>
<tr>
<td>Electricity Supply Board</td>
<td>101</td>
<td>-</td>
<td>(68)</td>
<td>33</td>
</tr>
<tr>
<td>Fáilte Ireland</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Higher Education Authority</td>
<td>33</td>
<td>722</td>
<td>(440)</td>
<td>315</td>
</tr>
<tr>
<td>Health Services Executive</td>
<td>5</td>
<td>-</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Irish Research Council</td>
<td>70</td>
<td>152</td>
<td>(74)</td>
<td>148</td>
</tr>
<tr>
<td>Leargas</td>
<td>3</td>
<td>41</td>
<td>(19)</td>
<td>25</td>
</tr>
<tr>
<td>Marine Institute</td>
<td>21</td>
<td>-</td>
<td>23</td>
<td>44</td>
</tr>
<tr>
<td>University College Cork</td>
<td>(13)</td>
<td>276</td>
<td>(190)</td>
<td>73</td>
</tr>
<tr>
<td>National Transport Authority</td>
<td>5</td>
<td>-</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>National Forum for Teaching &amp; Learning</td>
<td>11</td>
<td>4</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>National Centre for Excellence in Mathematics &amp; Science Teaching &amp; Learning</td>
<td>18</td>
<td>8</td>
<td>(22)</td>
<td>4</td>
</tr>
<tr>
<td>Office of Public Works</td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>National Disability Authority</td>
<td>1</td>
<td>10</td>
<td>6</td>
<td>17</td>
</tr>
<tr>
<td>Quality and Qualifications Ireland</td>
<td>20</td>
<td>-</td>
<td>(17)</td>
<td>3</td>
</tr>
<tr>
<td>Sustainable Energy Ireland</td>
<td>(49)</td>
<td>172</td>
<td>59</td>
<td>182</td>
</tr>
<tr>
<td>Science Foundation Ireland</td>
<td>239</td>
<td>1,633</td>
<td>(569)</td>
<td>1,303</td>
</tr>
<tr>
<td>Teagasc</td>
<td>(26)</td>
<td>232</td>
<td>8</td>
<td>214</td>
</tr>
<tr>
<td>Technological Higher Education Association</td>
<td>(21)</td>
<td>24</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>University College Dublin</td>
<td>(27)</td>
<td>32</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>University of Limerick</td>
<td>(27)</td>
<td>109</td>
<td>25</td>
<td>107</td>
</tr>
<tr>
<td>Institutes of Technology – Other</td>
<td>(95)</td>
<td>-</td>
<td>6</td>
<td>(89)</td>
</tr>
<tr>
<td>Tyndall</td>
<td>22</td>
<td>-</td>
<td>(22)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Research Grants &amp; Contracts</strong></td>
<td>1,379</td>
<td>7,910</td>
<td>(2,047)</td>
<td>7,242</td>
</tr>
</tbody>
</table>
6. Analysis of State Derived Income (continued)

<table>
<thead>
<tr>
<th>Name of Grantor</th>
<th>Op Deferral 01/09/17 €000's</th>
<th>Grant received 31/08/18 €000's</th>
<th>CL Deferral 31/08/18 €000's</th>
<th>I&amp;E 2018 €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note 7 - Student Support Funding</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEA</td>
<td>71</td>
<td>647</td>
<td>(86)</td>
<td>632</td>
</tr>
<tr>
<td>Allocated for Capital Expenditure</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>(7)</td>
</tr>
<tr>
<td>Student Support Funding</td>
<td>71</td>
<td>647</td>
<td>(86)</td>
<td>625</td>
</tr>
</tbody>
</table>

| Note 8 – Other Income | | | | |
| Galway Mayo Institute of Technology | - | 215 | - | 215 |
| Fáilte Ireland | - | 9 | - | 9 |
| Other Income | - | 224 | - | 224 |

7. Student Support Funding

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Disabilities €000's</td>
<td>Student Assistance €000's</td>
</tr>
<tr>
<td>Balance at 1 September</td>
<td>1</td>
<td>70</td>
</tr>
<tr>
<td>Recepts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher Education Authority</td>
<td>235</td>
<td>412</td>
</tr>
<tr>
<td>Amounts Applied</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pay Costs</td>
<td>85</td>
<td>-</td>
</tr>
<tr>
<td>Non Pay Costs</td>
<td>141</td>
<td>413</td>
</tr>
<tr>
<td>Total Expenditure</td>
<td>226</td>
<td>413</td>
</tr>
<tr>
<td>Equipment</td>
<td>7</td>
<td>-</td>
</tr>
<tr>
<td>Balance at 31 August</td>
<td>17</td>
<td>69</td>
</tr>
</tbody>
</table>

Funding is provided by the Higher Education Authority under the National Development Plan and is part funded by the European Social Fund.

8. Other Income

| | 2018 Total €000's | 2017 Total €000's Restated |
|-----------------|-----------------|-----------------|-----------------|
| Superannuation deductions retained | 3,695 | 3,572 |
| State Other | 224 | 14 |
| Rental of Facilities | 45 | 5 |
| Sundry Income | 573 | 442 |
| Student Services Company Limited | 3,546 | 3,824 |
| | 8,083 | 7,857 |
| Transfer to CDR | (200) | (133) |
| Net Outcome | 7,883 | 7,724 |

The income from the CIT Student Services Company Limited is generated from the provision of a mini market, bistro, shop and canteen services to the students of CIT.
9. Staff Costs

The average number of persons (including senior post-holders) employed by the Institute during the year, expressed in full time equivalent is:

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of employees</td>
<td>No. of employees</td>
</tr>
<tr>
<td>Teaching and research</td>
<td>737</td>
<td>682</td>
</tr>
<tr>
<td>Technical</td>
<td>135</td>
<td>131</td>
</tr>
<tr>
<td>Central administration and services</td>
<td>262</td>
<td>210</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,134</td>
<td>1,023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>€000's</td>
<td>€000's</td>
</tr>
<tr>
<td>Salaries and wages</td>
<td>66,640</td>
<td>61,388</td>
</tr>
<tr>
<td>Social Welfare costs</td>
<td>5,816</td>
<td>5,395</td>
</tr>
<tr>
<td>Subsidiaries</td>
<td>1,902</td>
<td>1,926</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>74,358</td>
<td>68,709</td>
</tr>
</tbody>
</table>

The THEA Code of Governance for Institutes of Technology 2018 requires salaries and wages to be broken down between basic pay, overtime and allowances for all staff, this information is not disclosed in the 2018 Financial Statements.

Key Management Compensation

For the purpose of this note, key management personnel in the Institute includes the President, members of the Executive Board and members of the Governing Body.

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WTE</td>
<td>Salary €000's</td>
</tr>
<tr>
<td>Governing Body Members</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Executive Board</td>
<td>8</td>
<td>888</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>8</td>
<td>888</td>
</tr>
</tbody>
</table>

Post-employment benefits of key management staff

Seven members of the executive management team are members of the Institute scheme. The pension scheme is a defined benefit final salary pension arrangement with benefits and contributions defined by reference to current “model” public sector scheme regulations only.

President salary and benefits

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WTE</td>
<td>Salary €000's</td>
</tr>
<tr>
<td>President</td>
<td>1</td>
<td>152</td>
</tr>
</tbody>
</table>

The President is a member of the Institute scheme. The pension scheme is a defined benefit final salary pension arrangement with benefits and contributions defined by reference to current “model” public sector scheme regulations only.

Termination Payments

No termination payments were paid to any staff of the Institute.

CIT Annual Report 2017/18
Higher Paid Staff

The Institute has adopted a starting value of €60,000 to identify higher paid staff. Staff remuneration, in salary bands of €10,000, using €60,000 as the starting value, is as follows:

<table>
<thead>
<tr>
<th>Salary Bands</th>
<th>Consolidated Year Ended 31 August 2018</th>
<th>Institute Only Year Ended 31 August 2018</th>
<th>Consolidated Year Ended 31 August 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>60,000 - 70,000</td>
<td>132</td>
<td>130</td>
<td>132</td>
</tr>
<tr>
<td>70,001 - 80,000</td>
<td>137</td>
<td>136</td>
<td>126</td>
</tr>
<tr>
<td>80,001 - 90,000</td>
<td>188</td>
<td>188</td>
<td>160</td>
</tr>
<tr>
<td>90,001 - 100,000</td>
<td>37</td>
<td>37</td>
<td>36</td>
</tr>
<tr>
<td>100,001 - 110,000</td>
<td>12</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>110,001 - 120,000</td>
<td>2</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>120,001 - 130,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>130,001 - 140,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>140,001 - 150,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>150,001 - 160,000</td>
<td>1</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>&gt; 160,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>509</strong></td>
<td><strong>506</strong></td>
<td><strong>457</strong></td>
</tr>
</tbody>
</table>

The overall figure for employer pension contribution in the year was €135k (€117k in 2017).
## 10. Operating Expenses

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pay Costs €000's</td>
<td>Depreciation €000's</td>
</tr>
<tr>
<td>Academic Departments</td>
<td>52,784</td>
<td>1,072</td>
</tr>
<tr>
<td>Academic Services</td>
<td>2,272</td>
<td>444</td>
</tr>
<tr>
<td>Facilities</td>
<td>1,452</td>
<td>1,221</td>
</tr>
<tr>
<td>Central Admin</td>
<td>8,102</td>
<td>1,484</td>
</tr>
<tr>
<td>General Education</td>
<td>409</td>
<td>-</td>
</tr>
<tr>
<td>Student Services</td>
<td>2,525</td>
<td>286</td>
</tr>
<tr>
<td>Student Support Funding</td>
<td>85</td>
<td>-</td>
</tr>
<tr>
<td>Research Grants &amp; Contracts</td>
<td>6,749</td>
<td>1,472</td>
</tr>
<tr>
<td><strong>Total Expenditure</strong></td>
<td><strong>74,378</strong></td>
<td><strong>5,979</strong></td>
</tr>
<tr>
<td><strong>Total 2017</strong></td>
<td><strong>68,709</strong></td>
<td><strong>5,890</strong></td>
</tr>
</tbody>
</table>
## Analysis of other Operating Expenditure

<table>
<thead>
<tr>
<th>Description</th>
<th>Consolidated 2018 €000’s</th>
<th>Consolidated 2017 Restated €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials &amp; other Consumables</td>
<td>5,072</td>
<td>4,792</td>
</tr>
<tr>
<td>Library Materials</td>
<td>272</td>
<td>233</td>
</tr>
<tr>
<td>Computer Costs</td>
<td>1,008</td>
<td>1,236</td>
</tr>
<tr>
<td>General Education</td>
<td>2,392</td>
<td>2,256</td>
</tr>
<tr>
<td>Services to Students</td>
<td>948</td>
<td>855</td>
</tr>
<tr>
<td>Project Partners</td>
<td>885</td>
<td>956</td>
</tr>
<tr>
<td>Equipment</td>
<td>1,779</td>
<td>1,026</td>
</tr>
<tr>
<td>Premises Costs</td>
<td>6,240</td>
<td>5,579</td>
</tr>
<tr>
<td>Travel &amp; Subsistence</td>
<td>1,946</td>
<td>1,805</td>
</tr>
<tr>
<td>Hospitality</td>
<td>158</td>
<td>212</td>
</tr>
<tr>
<td>Personnel Costs</td>
<td>1,214</td>
<td>1,244</td>
</tr>
<tr>
<td>Professional Fees</td>
<td>1,322</td>
<td>1,286</td>
</tr>
<tr>
<td>Auditors Remuneration</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td>Legal Costs</td>
<td>363</td>
<td>58</td>
</tr>
<tr>
<td>Communications</td>
<td>249</td>
<td>207</td>
</tr>
<tr>
<td>Stationery &amp; Office Materials</td>
<td>585</td>
<td>631</td>
</tr>
<tr>
<td>General Advertising &amp; Publicity</td>
<td>520</td>
<td>570</td>
</tr>
<tr>
<td>Insurance</td>
<td>445</td>
<td>374</td>
</tr>
<tr>
<td>Movement in Bad Debt Provision</td>
<td>(40)</td>
<td>501</td>
</tr>
<tr>
<td>Finance Costs</td>
<td>231</td>
<td>118</td>
</tr>
<tr>
<td>Loss on Asset Disposal</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>185</td>
<td>66</td>
</tr>
<tr>
<td></td>
<td><strong>25,807</strong></td>
<td><strong>24,042</strong></td>
</tr>
</tbody>
</table>

The restatement in 2017 relates to changes in account groups, in particular bringing the groups of the subsidiary companies in line with CIT.

### Other Operating Expenses include

<table>
<thead>
<tr>
<th>Description</th>
<th>2018 €000’s</th>
<th>2017 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audit of Institute by the C&amp;AG</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td>Internal Audit Services provided by a 3rd Party</td>
<td>52</td>
<td>23</td>
</tr>
<tr>
<td>External Audit of Subsidiaries</td>
<td>16</td>
<td>15</td>
</tr>
<tr>
<td>Internal Audit of Subsidiaries provided by a 3rd Party</td>
<td>21</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>122</strong></td>
<td><strong>82</strong></td>
</tr>
</tbody>
</table>
### Travel & Subsistence

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel: Domestic</td>
<td>1,127</td>
<td>1,011</td>
</tr>
<tr>
<td>Travel: International</td>
<td>819</td>
<td>794</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,946</td>
<td>1,805</td>
</tr>
</tbody>
</table>

### Hospitality

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospitality: Staff Events</td>
<td>22</td>
<td>8</td>
</tr>
<tr>
<td>Hospitality: Student Events</td>
<td>67</td>
<td>66</td>
</tr>
<tr>
<td>Hospitality: Other External</td>
<td>69</td>
<td>138</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>158</td>
<td>212</td>
</tr>
</tbody>
</table>

### Legal Costs

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legal Costs: Professional Fees</td>
<td>348</td>
<td>58</td>
</tr>
<tr>
<td>Legal Costs: Settlements</td>
<td>15</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>363</td>
<td>58</td>
</tr>
</tbody>
</table>

### Professional Fees

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Fees: IT</td>
<td>170</td>
<td>83</td>
</tr>
<tr>
<td>Professional Fees: Tax &amp; Financial Advisory</td>
<td>96</td>
<td>225</td>
</tr>
<tr>
<td>Professional Fees: Public Relations/Marketing</td>
<td>65</td>
<td>71</td>
</tr>
<tr>
<td>Professional Fees: Engineering</td>
<td>392</td>
<td>401</td>
</tr>
<tr>
<td>Professional Fees: Other</td>
<td>599</td>
<td>506</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,322</td>
<td>1,286</td>
</tr>
</tbody>
</table>

### 11. Taxation

Cork Institute of Technology and all its Subsidiaries, with the exception of CIT Innovation Centre DAC, are exempt from Corporation Tax under a charitable status order.

CIT Innovation Centre DAC has a liability of €2k for Corporation Tax for the year.

### 12. Financial Result for the Year

The surplus for the year on continuing operations is made up as follows:

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute surplus for the year</td>
<td>7,688</td>
<td>4,431</td>
</tr>
<tr>
<td>Surplus generated by subsidiaries and other undertakings</td>
<td>40</td>
<td>94</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>7,728</td>
<td>4,525</td>
</tr>
</tbody>
</table>
### 13. Property, Plant and Equipment

#### Consolidated

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000's</th>
<th>Fixtures &amp; Fittings €000's</th>
<th>Computer Equipment €000's</th>
<th>Plant &amp; Machinery €000's</th>
<th>Furniture &amp; Equipment €000's</th>
<th>Motor Vehicles €000's</th>
<th>Total €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 September 2017</td>
<td>147,889</td>
<td>10,934</td>
<td>12,349</td>
<td>6,521</td>
<td>19,232</td>
<td>362</td>
<td>197,287</td>
</tr>
<tr>
<td>Additions in year</td>
<td>310</td>
<td>191</td>
<td>1,095</td>
<td>1,471</td>
<td>380</td>
<td>-</td>
<td>3,447</td>
</tr>
<tr>
<td>Disposals in year</td>
<td>(965)</td>
<td>(2,532)</td>
<td>(1,748)</td>
<td>(27)</td>
<td>(2,582)</td>
<td>-</td>
<td>(7,854)</td>
</tr>
<tr>
<td><strong>At 31 August 2018</strong></td>
<td>147,234</td>
<td>8,593</td>
<td>11,696</td>
<td>7,965</td>
<td>17,030</td>
<td>362</td>
<td>192,880</td>
</tr>
</tbody>
</table>

#### Depreciation

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000's</th>
<th>Fixtures &amp; Fittings €000's</th>
<th>Computer Equipment €000's</th>
<th>Plant &amp; Machinery €000's</th>
<th>Furniture &amp; Equipment €000's</th>
<th>Motor Vehicles €000's</th>
<th>Total €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>At 1 September 2017</strong></td>
<td>53,814</td>
<td>9,696</td>
<td>11,328</td>
<td>4,695</td>
<td>17,885</td>
<td>351</td>
<td>97,769</td>
</tr>
<tr>
<td>Charge for year</td>
<td>3,705</td>
<td>468</td>
<td>641</td>
<td>454</td>
<td>706</td>
<td>5</td>
<td>5,979</td>
</tr>
<tr>
<td>Eliminated on disposals</td>
<td>(965)</td>
<td>(2,531)</td>
<td>(1,696)</td>
<td>(27)</td>
<td>(2,599)</td>
<td>-</td>
<td>(7,818)</td>
</tr>
<tr>
<td><strong>At 31 August 2018</strong></td>
<td>56,554</td>
<td>7,633</td>
<td>10,273</td>
<td>5,122</td>
<td>15,992</td>
<td>356</td>
<td>95,930</td>
</tr>
</tbody>
</table>

#### Net book value

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000's</th>
<th>Fixtures &amp; Fittings €000's</th>
<th>Computer Equipment €000's</th>
<th>Plant &amp; Machinery €000's</th>
<th>Furniture &amp; Equipment €000's</th>
<th>Motor Vehicles €000's</th>
<th>Total €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>At 31 August 2018</strong></td>
<td>90,680</td>
<td>960</td>
<td>1,423</td>
<td>2,843</td>
<td>1,038</td>
<td>6</td>
<td>96,950</td>
</tr>
<tr>
<td><strong>At 1 September 2017</strong></td>
<td>94,075</td>
<td>1,238</td>
<td>1,021</td>
<td>1,826</td>
<td>1,347</td>
<td>11</td>
<td>99,518</td>
</tr>
</tbody>
</table>

Lease commitments at 31 August 2018 amounted to €4.299m (2017 - €563k).

The Institute holds and maintains a historical building that houses the Crawford College of Art and Design. As this is used for operational purposes, it is accounted for as a fixed asset, rather than a heritage asset.

The Institute maintains a Visual Art Collection to enhance the teaching environment but this is not considered a heritage asset.
13. **Property, Plant and Equipment (continued) – in respect prior year**

**Consolidated**

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000’s</th>
<th>Fixtures &amp; Fittings €000’s</th>
<th>Computer Equipment €000’s</th>
<th>Plant &amp; Machinery €000’s</th>
<th>Furniture &amp; Equipment €000’s</th>
<th>Motor Vehicles €000’s</th>
<th>Total €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 September 2016</td>
<td>146,487</td>
<td>10,880</td>
<td>12,601</td>
<td>6,633</td>
<td>19,691</td>
<td>383</td>
<td>196,675</td>
</tr>
<tr>
<td>Additions in year</td>
<td>1,402</td>
<td>86</td>
<td>806</td>
<td>29</td>
<td>501</td>
<td>-</td>
<td>2,824</td>
</tr>
<tr>
<td>Disposals in year</td>
<td>-</td>
<td>(32)</td>
<td>(1,058)</td>
<td>(141)</td>
<td>(960)</td>
<td>(21)</td>
<td>(2,212)</td>
</tr>
<tr>
<td><strong>At 31 August 2017</strong></td>
<td>147,889</td>
<td>10,934</td>
<td>12,349</td>
<td>6,521</td>
<td>19,232</td>
<td>362</td>
<td>197,287</td>
</tr>
<tr>
<td><strong>Depreciation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 September 2016</td>
<td>50,200</td>
<td>9,245</td>
<td>11,894</td>
<td>4,297</td>
<td>18,088</td>
<td>364</td>
<td>94,088</td>
</tr>
<tr>
<td>Charge for year</td>
<td>3,614</td>
<td>483</td>
<td>496</td>
<td>539</td>
<td>750</td>
<td>8</td>
<td>5,890</td>
</tr>
<tr>
<td>Eliminated on disposals</td>
<td>-</td>
<td>(32)</td>
<td>(1,062)</td>
<td>(141)</td>
<td>(953)</td>
<td>(21)</td>
<td>(2,209)</td>
</tr>
<tr>
<td><strong>At 31 August 2017</strong></td>
<td>53,814</td>
<td>9,696</td>
<td>11,328</td>
<td>4,695</td>
<td>17,885</td>
<td>351</td>
<td>97,769</td>
</tr>
<tr>
<td><strong>Net book value</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 31 August 2017</td>
<td>94,075</td>
<td>1,238</td>
<td>1,021</td>
<td>1,826</td>
<td>1,347</td>
<td>11</td>
<td>99,518</td>
</tr>
<tr>
<td><strong>At 1 September 2016</strong></td>
<td>96,287</td>
<td>1,635</td>
<td>707</td>
<td>2,336</td>
<td>1,603</td>
<td>19</td>
<td>102,587</td>
</tr>
</tbody>
</table>

Lease commitments at 31 August 2017 amounted to €563k (2016 - €559k).

The Institute holds and maintains a historical building that houses the Crawford College of Art and Design. As this is used for operational purposes, it is accounted for as a fixed asset, rather than a heritage asset.

The Institute maintains a Visual Art Collection to enhance the teaching environment but this is not considered a heritage asset.
13. Property, Plant and Equipment (continued)
Institute Only

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000’s</th>
<th>Fixtures &amp; Fittings €000’s</th>
<th>Computer Equipment €000’s</th>
<th>Plant &amp; Machinery €000’s</th>
<th>Furniture &amp; Equipment €000’s</th>
<th>Motor Vehicles €000’s</th>
<th>Total €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>At 1 September 2017</td>
<td>147,884</td>
<td>9,383</td>
<td>12,179</td>
<td>6,520</td>
<td>18,981</td>
<td>363</td>
<td>195,310</td>
</tr>
<tr>
<td>Additions in year</td>
<td>310</td>
<td>149</td>
<td>1,091</td>
<td>380</td>
<td>1,456</td>
<td>-</td>
<td>3,386</td>
</tr>
<tr>
<td>Disposals in year</td>
<td>(965)</td>
<td>(2,532)</td>
<td>(1,748)</td>
<td>(27)</td>
<td>(2,582)</td>
<td>-</td>
<td>(7,854)</td>
</tr>
<tr>
<td>At 31 August 2018</td>
<td>147,229</td>
<td>7,000</td>
<td>11,522</td>
<td>6,873</td>
<td>17,855</td>
<td>363</td>
<td>190,842</td>
</tr>
</tbody>
</table>

**Depreciation**

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000’s</th>
<th>Fixtures &amp; Fittings €000’s</th>
<th>Computer Equipment €000’s</th>
<th>Plant &amp; Machinery €000’s</th>
<th>Furniture &amp; Equipment €000’s</th>
<th>Motor Vehicles €000’s</th>
<th>Total €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 1 September 2017</td>
<td>53,813</td>
<td>8,673</td>
<td>11,249</td>
<td>4,694</td>
<td>17,598</td>
<td>352</td>
<td>96,379</td>
</tr>
<tr>
<td>Charge for year</td>
<td>3,705</td>
<td>299</td>
<td>622</td>
<td>454</td>
<td>701</td>
<td>5</td>
<td>5,786</td>
</tr>
<tr>
<td>Eliminated on disposals</td>
<td>(965)</td>
<td>(2,531)</td>
<td>(1,696)</td>
<td>(27)</td>
<td>(2,599)</td>
<td>-</td>
<td>(7,818)</td>
</tr>
<tr>
<td>At 31 August 2018</td>
<td>56,553</td>
<td>6,441</td>
<td>10,175</td>
<td>5,121</td>
<td>15,700</td>
<td>357</td>
<td>94,347</td>
</tr>
</tbody>
</table>

**Net book value**

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings €000’s</th>
<th>Fixtures &amp; Fittings €000’s</th>
<th>Computer Equipment €000’s</th>
<th>Plant &amp; Machinery €000’s</th>
<th>Furniture &amp; Equipment €000’s</th>
<th>Motor Vehicles €000’s</th>
<th>Total €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 31 August 2018</td>
<td>90,676</td>
<td>559</td>
<td>1,347</td>
<td>1,752</td>
<td>2,155</td>
<td>6</td>
<td>96,495</td>
</tr>
<tr>
<td>At 1 September 2017</td>
<td>94,071</td>
<td>710</td>
<td>930</td>
<td>1,826</td>
<td>1,383</td>
<td>11</td>
<td>98,931</td>
</tr>
</tbody>
</table>

Lease commitments at 31 August 2018 amounted to €4.299m (2017 - €563k).

The Institute holds and maintains a historical building that houses the Crawford College of Art and Design. As this is used for operational purposes, it is accounted for as a fixed asset, rather than a heritage asset.

The Institute maintains a Visual Art Collection to enhance the teaching environment but this is not considered a heritage asset.
### 13. Property, Plant and Equipment (continued) in respect prior year

**Institute Only**

<table>
<thead>
<tr>
<th>Cost</th>
<th>Land &amp; Buildings €000's</th>
<th>Fixtures &amp; Fittings €000's</th>
<th>Computer Equipment €000's</th>
<th>Plant &amp; Machinery €000's</th>
<th>Furniture &amp; Equipment €000's</th>
<th>Motor Vehicles €000's</th>
<th>Total €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 1 September 2016</td>
<td>146,482</td>
<td>9,329</td>
<td>12,464</td>
<td>6,632</td>
<td>19,551</td>
<td>384</td>
<td>194,842</td>
</tr>
<tr>
<td>Additions in year</td>
<td>1,402</td>
<td>86</td>
<td>774</td>
<td>29</td>
<td>380</td>
<td>-</td>
<td>2,671</td>
</tr>
<tr>
<td>Disposals in year</td>
<td>-</td>
<td>(32)</td>
<td>(1,059)</td>
<td>(141)</td>
<td>(950)</td>
<td>(21)</td>
<td>(2,203)</td>
</tr>
<tr>
<td>At 31 August 2017</td>
<td>147,884</td>
<td>9,383</td>
<td>12,179</td>
<td>6,520</td>
<td>18,981</td>
<td>363</td>
<td>195,310</td>
</tr>
</tbody>
</table>

### Depreciation

| At 1 September 2016 | 50,199 | 8,224 | 11,827 | 4,296 | 17,975 | 365 | 92,886 |
| Charge for year | 3,614 | 481 | 484 | 539 | 567 | 8 | 5,693 |
| Eliminated on disposals | - | (32) | (1,062) | (141) | (944) | (21) | (2,200) |
| At 31 August 2017 | 53,813 | 8,673 | 11,249 | 4,694 | 17,598 | 352 | 96,379 |

### Net book value

| At 31 August 2017 | 94,071 | 710 | 930 | 1,826 | 1,383 | 11 | 98,931 |

| At 1 September 2016 | 96,283 | 1,105 | 637 | 2,336 | 1,576 | 19 | 101,956 |

Lease commitments at 31 August 2017 amounted to €563k (2016 - €559k).

The Institute holds and maintains a historical building that houses the Crawford College of Art and Design. As this is used for operational purposes, it is accounted for as a fixed asset, rather than a heritage asset.

The Institute maintains a Visual Art Collection to enhance the teaching environment but this is not considered a heritage asset.

### 14. Subsidiary Undertakings and Investments

The Institute holds an interest in the following subsidiaries and joint ventures:

**Subsidiary Undertakings**

CIT Student Services Company Limited was incorporated by the Institute in 1994 for the purpose of provision of shop and canteen services to students. It is a company limited by guarantee and not having share capital. The company is a wholly owned subsidiary.

<table>
<thead>
<tr>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>€000's</td>
<td>€000's</td>
</tr>
<tr>
<td>Profit for the financial year</td>
<td>18</td>
</tr>
<tr>
<td>Net Assets</td>
<td>814</td>
</tr>
</tbody>
</table>

CIT Annual Report 2017/18
CIT Innovation Centre DAC, t/a The Rubicon, was established in August 2004 and is the on campus incubation centre for the Institute. The company is a wholly owned subsidiary.

<table>
<thead>
<tr>
<th></th>
<th>2018 €000's</th>
<th>2017 €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profit for the financial year</td>
<td>5</td>
<td>44</td>
</tr>
<tr>
<td>Net Assets</td>
<td>96</td>
<td>91</td>
</tr>
</tbody>
</table>

CIT Foundation Limited was established by the Institute in July 2007 to raise funds and receive donations. It is a company limited by guarantee and not having share capital. The company is a wholly owned subsidiary.

<table>
<thead>
<tr>
<th></th>
<th>2018 €000's</th>
<th>2017 €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profit/(Loss) for the financial year</td>
<td>(6)</td>
<td>(8)</td>
</tr>
<tr>
<td>Net Assets</td>
<td>304</td>
<td>311</td>
</tr>
</tbody>
</table>

Cosmos Education Limited was established by the Institute in January 2008 for the purpose of delivering educational, research and training services through the operation of a scientific, educational and cultural exhibition in Blackrock Castle Observatory Cork. It is a company limited by guarantee and not having share capital. The company is a wholly owned subsidiary.

<table>
<thead>
<tr>
<th></th>
<th>2018 €000's</th>
<th>2017 €000's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profit/(Loss) for the financial year</td>
<td>8</td>
<td>(7)</td>
</tr>
<tr>
<td>Net Assets</td>
<td>7</td>
<td>(1)</td>
</tr>
</tbody>
</table>

CIT Infinite DAC was established by the Institute in December 2015 to manage CIT’s interest in a horizontal Internet of Things testbed called INFINITE. The company is a wholly owned subsidiary. The company did not trade in the financial period.

CIT Consortium Projects DAC was established by the Institute in August 2017 to allow CIT apply for funding under the Regional Enterprise Development Fund, a fund managed by Enterprise Ireland. The company did not trade in the financial period. The company is a wholly owned subsidiary.

Joint Ventures

GAC Training and Service Solutions Limited (GTSS) was established in February 2010 and is in the business of commercial training in the maritime areas of oil, gas, chemicals and traded commodities. CIT’s investment comprises 25,000 shares and this represents a 50% shareholding with GAC Shipping UK Limited who hold the other 50% shareholding.

Seftec NMCI Offshore Training Limited (SNO) was established in February 2010 and is in the business of providing courses and consultancy to the offshore and maritime industry both in Ireland and abroad. CIT’s investment comprises 25,000 shares and this represents a 50% shareholding with SEFTec Global Training Ireland Limited who hold the other 50% shareholding.

The Institute holds minority shareholdings in a number of campus companies. The carrying value of such investments in the Institute financial statements are €275.02, made up as follows.

- 10% shareholding in nSilico – Bioinformatics Software - €153.84
- 4.41% shareholding in Aventamed – Medical Devices - €120.00
- 9.52% shareholding in AudioSourcRE – Audio Software - €1.18
### Investments

<table>
<thead>
<tr>
<th></th>
<th>Consolidated 2018</th>
<th>Consolidated 2017</th>
<th>Institute 2018</th>
<th>Institute 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investments held are as follows:</td>
<td>€000's</td>
<td>€000's</td>
<td>€000's</td>
<td>€000's</td>
</tr>
<tr>
<td>At 1 September</td>
<td>217</td>
<td>216</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Disposal</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Movement of investments</td>
<td>(5)</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>At 31 August</td>
<td>212</td>
<td>217</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

### Receivables

<table>
<thead>
<tr>
<th></th>
<th>Consolidated 2018</th>
<th>Consolidated 2017</th>
<th>Institute 2018</th>
<th>Institute 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade receivables</td>
<td>1,061</td>
<td>1,226</td>
<td>955</td>
<td>749</td>
</tr>
<tr>
<td>Research Grants and Contracts receivable</td>
<td>3,041</td>
<td>3,044</td>
<td>2,955</td>
<td>2,969</td>
</tr>
<tr>
<td>State Grant receivable</td>
<td>1,250</td>
<td>500</td>
<td>1,250</td>
<td>500</td>
</tr>
<tr>
<td>Academic fees receivable</td>
<td>2,202</td>
<td>1,797</td>
<td>2,202</td>
<td>1,797</td>
</tr>
<tr>
<td>Prepayments</td>
<td>305</td>
<td>452</td>
<td>305</td>
<td>452</td>
</tr>
<tr>
<td>Other receivables</td>
<td>393</td>
<td>159</td>
<td>351</td>
<td>104</td>
</tr>
<tr>
<td>Elimination of Inter Co receivables</td>
<td>(251)</td>
<td>(93)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>8,001</strong></td>
<td><strong>7,085</strong></td>
<td><strong>8,018</strong></td>
<td><strong>6,571</strong></td>
</tr>
</tbody>
</table>

### Cash and Cash Equivalents

<table>
<thead>
<tr>
<th></th>
<th>Consolidated 2018</th>
<th>Consolidated 2017</th>
<th>Institute 2018</th>
<th>Institute 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash at bank including balances held on Short Term Deposit</td>
<td>20,913</td>
<td>16,946</td>
<td>19,467</td>
<td>16,188</td>
</tr>
<tr>
<td>Long term deposit</td>
<td>7,000</td>
<td>5,000</td>
<td>7,000</td>
<td>5,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>27,913</strong></td>
<td><strong>21,946</strong></td>
<td><strong>26,467</strong></td>
<td><strong>21,188</strong></td>
</tr>
</tbody>
</table>
17. Payables: amounts falling due within one year

<table>
<thead>
<tr>
<th></th>
<th>Consolidated</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018 €000's</td>
<td>2017 €000's</td>
</tr>
<tr>
<td>Trade payables</td>
<td>246</td>
<td>138</td>
</tr>
<tr>
<td>Research grants and contracts</td>
<td>7,715</td>
<td>6,777</td>
</tr>
<tr>
<td>in advance</td>
<td>1,872</td>
<td>1,595</td>
</tr>
<tr>
<td>State grants received in advance</td>
<td>159</td>
<td>1,942</td>
</tr>
<tr>
<td>Accruals</td>
<td>6,782</td>
<td>6,985</td>
</tr>
<tr>
<td>Leases (note 18)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Other tax and social security</td>
<td>2,128</td>
<td>1,873</td>
</tr>
<tr>
<td>in advance</td>
<td>1,079</td>
<td>1,511</td>
</tr>
<tr>
<td>Elimination of Inter Co payables</td>
<td>(251)</td>
<td>(93)</td>
</tr>
<tr>
<td><strong>Total Creditors</strong></td>
<td><strong>19,733</strong></td>
<td><strong>20,731</strong></td>
</tr>
</tbody>
</table>

18. Lease Commitments

<table>
<thead>
<tr>
<th></th>
<th>Land &amp; Buildings</th>
<th>Land &amp; Buildings</th>
<th>Other</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018 €000's</td>
<td>2017 €000's</td>
<td>2018 €000's</td>
<td>2017 €000's</td>
</tr>
<tr>
<td>Operating Leases</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total future minimum lease</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>payments under non-cancellable</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>operating leases are</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>as follows:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Within 1 Year</td>
<td>467</td>
<td>225</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Between 2 &amp; 5 Years</td>
<td>1,772</td>
<td>338</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Finance Lease</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greater than 5 years</td>
<td>2,060</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Commitments</strong></td>
<td><strong>4,299</strong></td>
<td><strong>563</strong></td>
<td><strong>3</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

The Institute entered into a 3 year, interest free, lease to replace its existing IT Firewall. The lease expired in September 2018.

The Institute has two properties leased, one of which will expire on 30 November 2021 and the other on 31 August 2028.

19. Deferred Capital Grants

|                                | Consolidated | Institute |
|                                | 2018 €000's  | 2017 €000's | 2018 €000's | 2017 €000's |
| At 1 September                 |              |             |             |             |
| Opening Balance                | 98,233       | 101,548     | 98,168      | 101,483     |
| Cash received in year          |              |             |             |             |
| Allocated from State recurrent | 2,244        | 1,388       | 2,244       | 1,388       |
| grant                          | 700           | 580          | 700          | 580          |
| State Grant for Minor Capital  | 378           | 111          | 359          | 80           |
| works - DOES                   | (7)           | 15           | (7)          | 15           |
| Research Grants & Contracts    | (9)           | -            | (9)          | -            |
| Tuition Fees – Self funding    | 19            | 219          | 19           | 219          |
| Student Support                | (7)           | 15           | (7)          | 15           |
| Funded from Capital Development| 19            | 219          | 19           | 219          |
| **Total**                      | **3,343**     | **2,313**    | **3,324**    | **2,282**    |
19. Deferred Capital Grants continued

<table>
<thead>
<tr>
<th></th>
<th>Consolidated</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
<td>2017</td>
</tr>
<tr>
<td></td>
<td>€000's</td>
<td>€000's</td>
</tr>
<tr>
<td>Amortised to income &amp; expenditure in year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amortised in line with depreciation</td>
<td>(5,683)</td>
<td>(5,594)</td>
</tr>
<tr>
<td>Subsidiary company fixed assets - depreciation</td>
<td>(26)</td>
<td>(31)</td>
</tr>
<tr>
<td>Amount released on disposal of Fixed Assets</td>
<td>(36)</td>
<td>(3)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>(5,745)</strong></td>
<td><strong>(5,628)</strong></td>
</tr>
<tr>
<td>At 31 August</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Closing Balance</td>
<td>95,831</td>
<td>98,233</td>
</tr>
</tbody>
</table>

20. Capital Development Reserve

<table>
<thead>
<tr>
<th></th>
<th>Consolidated</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
<td>2017</td>
</tr>
<tr>
<td></td>
<td>€000's</td>
<td>€000's</td>
</tr>
<tr>
<td>Opening Balance</td>
<td>7,233</td>
<td>4,812</td>
</tr>
<tr>
<td>Interest earned</td>
<td>9</td>
<td>11</td>
</tr>
<tr>
<td>Transfer from Student Development</td>
<td>4,828</td>
<td>1,876</td>
</tr>
<tr>
<td>Transfer from Other Income</td>
<td>200</td>
<td>133</td>
</tr>
<tr>
<td>Transfer from Recurrent Grant</td>
<td>-</td>
<td>967</td>
</tr>
<tr>
<td>Transfer from Research Grants &amp; Contracts</td>
<td>99</td>
<td>(225)</td>
</tr>
<tr>
<td>Transfer to Expenditure</td>
<td>(36)</td>
<td>(225)</td>
</tr>
<tr>
<td><strong>Capital Projects – State</strong></td>
<td>(19)</td>
<td>(219)</td>
</tr>
<tr>
<td><strong>Capital Projects – Non State</strong></td>
<td>(6)</td>
<td>(122)</td>
</tr>
<tr>
<td><strong>Closing Balance</strong></td>
<td><strong>12,308</strong></td>
<td><strong>7,233</strong></td>
</tr>
</tbody>
</table>

Capital Reserve - Student Services Co Ltd
These funds were received previously following the closure of Trusts. This reserve is designated for future capital developments to benefit student welfare.

Restricted Reserve
These funds relate to a donation received by CIT to be used for the purpose of providing scholarship prizes in the area of Art Education.

21. Capital Commitments

<table>
<thead>
<tr>
<th></th>
<th>Consolidated</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2018</td>
<td>2017</td>
</tr>
<tr>
<td></td>
<td>€000's</td>
<td>€000's</td>
</tr>
<tr>
<td>Contracted for but not provided</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Authorised but not contracted</td>
<td>4,734</td>
<td>3,564</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4,734</strong></td>
<td><strong>3,564</strong></td>
</tr>
</tbody>
</table>
22. **Related Parties**

In the normal course of business, the Institute may enter into contractual arrangements with undertakings in which the Institute's Governing Body members are employed or otherwise interested. The Institute has adopted procedures in accordance with the Code of Governance of Irish Institutes of Technology in relation to the disclosure of interests by members of the Board and the Institute has complied with these procedures during the year.

23. **Contingent Liabilities**

There were no contingent liabilities existing at 31 August 2018.

24. **Post Balance Sheet Events**

There were no significant events since the balance sheet date which could have implications for these financial statements.

25. **Proposed Merger with IT Tralee**

Cork Institute of Technology (CIT) and IT Tralee together are currently undertaking a process to become a technological university. We, the Munster Technological University (MTU) partners, have two objectives: firstly, to merge to form a single unified institution with a distinct and distinctive mission/vision and, secondly, be designated as a Technological University with all that this designation implies in terms of being innovative, entrepreneurial and responsive to the needs of sectoral stakeholders.

On 12th February 2019, Cork Institute of Technology and IT Tralee made a submission for Technological University designation under Section 29 of the Technological Universities Act 2018 to the Minister for Education and Skills. The Minister sent the application to the HEA and QQI and asked both organisations to provide nominees for an advisory panel. The HEA appointed advisors to audit the criteria data and a report on same was issued to the International advisory panel prior to their visit to both Institutes in May 2019.

The MTU partners are awaiting a decision from the Minister based on the International Panel Review. The plan is to achieve designation and form the Munster Technological University by January 2020.

The costs associated with this project included in the accounts for the year ended 31 August 2018 amount to €477k.

26. **Retirement Benefit Costs**

(i) **Staffing**

Retirement benefit obligations were accounted for the first time in the 2016/2017 financial statements. The opening position at 1 September 2016 was estimated by the actuary, based on market conditions at that time.

(ii) **Description of Scheme**

**Institute Scheme**

The pension scheme is a defined benefit final salary pension arrangement with benefits and contributions defined by reference to current “model” public sector scheme regulations. The scheme provides a pension (one eightieth per year of service), a gratuity or lump sum (three eightieths per year of service) and spouse’s and children’s pensions. Normal Retirement Age is a member’s 65th birthday, and pre 2004 members have an entitlement to retire without actuarial reduction from age 60. Pensions in payment (and deferment) normally increase in line with general public sector salary inflation. Deductions from staff are retained by the Institute.

**Single Scheme**

New entrant staff, employed by the Institute after 1 January 2013 are members of the Single Public Service Pension Scheme in accordance with Public Sector Pensions (Single Scheme and Other Provisions) Acts 2012. Deductions from staff salaries under the Single Scheme are transferred to the Department of Public Expenditure and Reform on a monthly basis in accordance with the act.

The Single Scheme is the occupational pension scheme for new-entrant public servants hired since 1 January 2013. It is a defined benefit scheme, with retirement benefits based on career-average pay. The scheme
generates pension credits and retirement lump sum credits for each scheme member. These money credits, known as “referable amounts”, accrue as percentages of pay on an ongoing basis. The referable amounts accrued each year are revalued annually until retirement in line with inflation increases (Consumer Price Index). The annual pension awarded on retirement is the cumulative total of a scheme member’s pension referable amounts, and the retirement lump sum awarded is, similarly, the total of the scheme member’s lump sum referable amounts.

Valuation
The valuation used for FRS 102 disclosures has been based on a full actuarial valuation by a qualified independent actuary taking account of the requirements of the FRS in order to assess the scheme liabilities at 31 August 2018. On retirement members’ pensions are paid by the National Shared Services Office on behalf of the Department of Education and Skills and the payments are charged to that Department’s appropriation account. Therefore, former employees of the Institute who are in receipt of a pension have been excluded from the valuation. The reduction in the liability arising from members who retired during the year is reflected as an experience gain and is separately identified in the liability reconciliation.

The principal actuarial assumptions used to calculate the components of the defined benefit cost for the year ended 31 August 2018 were as follows:

<table>
<thead>
<tr>
<th></th>
<th>31 August 2018</th>
<th>31 August 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discount rate</td>
<td>2.00%</td>
<td>2.15%</td>
</tr>
<tr>
<td>Inflation rate</td>
<td>1.85%</td>
<td>1.75%</td>
</tr>
<tr>
<td>Salary increases</td>
<td>3.10%</td>
<td>3.25%</td>
</tr>
<tr>
<td>Pension increases</td>
<td>2.60%</td>
<td>2.75%</td>
</tr>
</tbody>
</table>

The mortality basis adopted allows for improvements in life expectancy over time, so that life expectancy at retirement will depend on the year in which a member attains retirement age (age 65). The number of members in the Scheme and the number of deaths are too small to analyse and produce any meaningful Scheme-specific estimates of future levels of mortality. Average future life expectancy according to the mortality tables used to determine the pension liabilities are:

<table>
<thead>
<tr>
<th></th>
<th>31 August 2018</th>
<th>31 August 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male aged 65</td>
<td>21.1 years</td>
<td>21.1 years</td>
</tr>
<tr>
<td>Female aged 65</td>
<td>23.8 years</td>
<td>23.8 years</td>
</tr>
</tbody>
</table>

(iii) Analysis of total retirement benefit costs charged to the Statement of Comprehensive Income

<table>
<thead>
<tr>
<th></th>
<th>31 August 2018</th>
<th>31 August 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current service cost</td>
<td>20,853</td>
<td>21,533</td>
</tr>
<tr>
<td>Interest on retirement benefit scheme liabilities</td>
<td>7,859</td>
<td>6,445</td>
</tr>
<tr>
<td>Employee contributions/(benefits paid)</td>
<td>(4,060)</td>
<td>(3,574)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>24,652</strong></td>
<td><strong>24,404</strong></td>
</tr>
</tbody>
</table>
Movement in net retirement benefit obligations during the financial year

<table>
<thead>
<tr>
<th></th>
<th>31 August 2018 €000’s</th>
<th>31 August 2017 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net retirement benefit obligation at 1 September</td>
<td>355,107</td>
<td>337,603</td>
</tr>
<tr>
<td>Net Current Service Costs</td>
<td>16,793</td>
<td>17,959</td>
</tr>
<tr>
<td>Employee Contributions</td>
<td>4,060</td>
<td>3,574</td>
</tr>
<tr>
<td>Interest costs</td>
<td>7,859</td>
<td>6,445</td>
</tr>
<tr>
<td>Benefits paid in period</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reduction in pension liabilities arising from retirements in the year</td>
<td>(12,511)</td>
<td>-</td>
</tr>
<tr>
<td>Experience loss/(gain) on liabilities</td>
<td>(5,211)</td>
<td>-</td>
</tr>
<tr>
<td>Changes in actuarial assumptions</td>
<td>658</td>
<td>(10,474)</td>
</tr>
<tr>
<td>Net retirement benefit obligations at 31 August</td>
<td>366,755</td>
<td>355,107</td>
</tr>
</tbody>
</table>

Split between:

<table>
<thead>
<tr>
<th></th>
<th>31 August 2018 €000’s</th>
<th>31 August 2017 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPSPS</td>
<td>3,445</td>
<td>2,300</td>
</tr>
<tr>
<td>ESS</td>
<td>363,310</td>
<td>352,807</td>
</tr>
</tbody>
</table>

Deferred funding asset for retirement benefits

The Institute is prescribed in S.I. No 581 of 2012 as a relevant authority for the purposes of the Single Scheme. It is the Institute’s opinion (in accordance with Section 44 of the 2012 Act) that any liability in respect of the Single Scheme would be offset by an equivalent asset in respect of future state funding.

The Institute recognises amounts owing from the State for the unfunded deferred liability for retirement benefits relating to the Education Sector Superannuation Scheme 2015 on the basis of the set of assumptions described above and a number of past events. These events include the statutory basis for the establishment of the retirement benefit scheme, and the policy and practice currently in place in relation to funding public service pensions including contributions by employees and the annual estimates process. The Institute has no evidence that this funding policy will not continue to meet such sums in accordance with current practice.

The net deferred funding for retirement benefits recognised in the Statement of Comprehensive Income was as follows:

<table>
<thead>
<tr>
<th></th>
<th>31 August 2018 €000’s</th>
<th>31 August 2017 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding recoverable in respect of current year retirement benefit costs</td>
<td>24,652</td>
<td>24,404</td>
</tr>
<tr>
<td>Benefits paid in year</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>24,652</td>
<td>24,404</td>
</tr>
</tbody>
</table>

The deferred funding liabilities for retirement benefit as at 31 August 2018 amounted to €366,755,000.

History of defined benefits obligations

<table>
<thead>
<tr>
<th></th>
<th>2018 €000’s</th>
<th>2017 €000’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defined benefit obligations</td>
<td>366,755</td>
<td>355,107</td>
</tr>
<tr>
<td>Experience losses/(gains) on defined benefit scheme liabilities</td>
<td>5,211</td>
<td>-</td>
</tr>
</tbody>
</table>

Approval of Financial Statements

The financial statements were approved by the Governing Authority on 3rd October 2019.
Nimbus Research Centre, CIT Bishopstown Campus
7. Other Information

7.1 News & Events
7.2 Campus Development
7.3 Safety & Facilities Management
7.4 Contact Points
7.1 News & Events

1. The President formally launched the CIT External Engagement Strategy on 5 September 2017. The vision for the strategy is for CIT to be an organisation that is collaborative, responsive and proactive.

2. The Registration and Open Evenings for Continuing Education Programmes (Weekend & Evening Courses) were hosted from 5 - 7 September 2017. For CIT, Continuing Education and Continuing Professional Development are vital and growing areas of the total education provision, and lifelong learners are an integral part of the Institution.

3. From 8 – 30 September 2017, CIT CCAD hosted ‘Locate Yourself’ Exhibition at the Wandesford Quay Gallery. This exhibition of Multichannel sound and video installation works in embedded structures also featured in the Sounds from a Safe Harbour Festival, Culture Night 2017 and Open House Cork – Celebrating Architecture in the City.

4. The Faculty of Engineering & Science continued with its successful Engineering, Science and Technology Roadshow series. The expanded series provided students with information about the wide range of possibilities available to them at CIT.

5. Doublethink, an exhibition by recent graduates of CIT CCAD as a result of the CIT Student Engagement Award was hosted in the James Barry Exhibition Centre from 11 – 26 September 2017. The graduates included Enid Conway, Leah Corbett, Isabel English, and Wilhelmina van der Bent. The works highlighted the contradictions which exist in society and the tension between the necessary acknowledgment of the past coupled with a desire for change.

6. The CIT Sports and Societies Day took place on 13 and 14 September 2017 in the Student Centre, Bishopstown Campus. Over 40 Societies and 30 clubs displayed what they could offer student members. Examples of Societies include Music, Drama, Origami, Dance and many more including groups based from the Bishopstown, CIT CCAD and CIT CSM campuses. Sports clubs such as GAA, Rugby, Soccer, Athletics, Swimming, various Martial Arts and Racket based sports and many more were also on show.

7. A Consortium Agreement was signed on 14 September 2017 by the Presidents of both CIT and UCC in relation to Joint Master Programmes.

8. CIT CCAD students of Contemporary Applied Art (Ceramics, Glass, Textiles) were invited to exhibit in the Vilnius Academy Gallery, Lithuania on 18 September 2017. This exhibition was the third and final outing of the very successful collaborative project between textiles students of CIT CCAD, Tartu Art College in Estonia, and Vilnius Academy of Arts, Lithuania. The exhibition toured from CIT Wandesford Quay Gallery in March, to Gallery Noorus in Tartu in April 2017.

9. The President of Endicott College, Beverly, Massachusetts, USA and colleagues visited CIT on 20 September 2017. The purpose of their visit was to discuss the Visiting Student Programme and Postgraduate Pathways in Science & Engineering, Business, Art & Design, and Music.

10. Service rePublic, a joint initiative by Cork County Council, (CCC) and CIT, hosted a major international Service Design conference in Fota Island Resort, Cork, on 26 September 2017. The event attracted almost 400 delegates. It was organised by CCC and CIT, in conjunction with the Service Design Network (SDN) which represents the global service design community internationally.

11. The annual Careers & Employability Fair hosted by the CIT Careers Service took place on 26 September 2017.

12. CIT was shortlisted as a finalist for the Pharma Industry Awards 2017 in the Education & Training Category for its Certificate in Biopharmaceutical Processing on 2 October 2017. Delivered by the Department of Process, Energy & Transport Engineering over one academic year, 80 professionals have, so far, been awarded the qualification.

13. On 3 October 2017, the Department of Tourism & Hospitality welcomed a visit by the French Ambassador to Ireland, his Excellency Mr Stéphane Crouzat. Mr Crouzat was joined by the new Cultural Counsellor, Ms Frédérique Tarride along with Mr Thierry Lagnau, Director of Alliance Francoise de Dublin and Délégué Général of Foundation Alliance Francaise. The visit was part of a long-standing cooperation as part of FICAHT (France-Ireland Network for Culinary Arts, Hospitality, and Tourism). This is a network which brings together Culinary Arts, Hospitality and Tourism professionals, and academics from both France and Ireland.
14. The annual Maritime Event and Open Day for schools took place in NMCI on 26 October 2017. Representatives from international shipping companies and maritime organisations provided information about careers in the maritime industry.

15. The Annual Mass of Remembrance for staff and students was held on 3 November 2017.

16. AnSEO – The Student Engagement Office, in collaboration with The North European Centre for Peer Assisted Study Support (PASS) hosted the 8th Annual PASS PAL Leader Conference from 3 – 5 November 2017 at the Bishopstown Campus. The conference brought together PASS/PAL Leaders from Ireland, UK, Germany, and Sweden.

17. The National Student Engagement Programme (NSiEP) launch took place in CIT on 13 November 2017. The NSiEP is a collaborative initiative under development by the Union of Students in Ireland (USI), HEA and QQI in consultation with Student Partnerships in Quality Scotland (SPARQS).

18. A Memo of Understanding was signed with the CEO of An tSeirbhís Oideachais Leanúnaigh agus Scileanana (SOLAS) as the Coordinating Provider, and CIT, as the Collaborating Provider for the delivery of Craft Apprenticeship Off-the-Job Training Phases. The Memo was signed on 15 November 2017.

19. The Mature Student Information Evening for prospective full-time undergraduate mature students was held on 16th November at the Bishopstown Campus. The information presented included an Introduction to CIT and Fees & Financial Supports.

20. The CIT Annual Open Day was held from the 17 – 18 November 2017 at the Bishopstown Campus. CIT CCAD, CIT CSM, and NMCI were also represented. The Open Day was an ideal opportunity for prospective students, and their parents/guardians, to sample the wide range of courses and facilities. CIT offered 76 CAO course options for entry in 2018.

21. On 23 November 2017, CIT launched its first ever Entrepreneurship Strategy and was one of the first HEIs in the country to publish an organisation wide strategy focusing on entrepreneurship. 2017 marked the 20th year of entrepreneurial programmes for CIT.

22. The Information Day for Guidance Counsellors was held on 7 December 2017. This day provided an opportunity for Guidance Counsellors to engage in an open forum and bring forth any queries or feedback that they may have regarding their interaction with CIT.

23. On 14 December 2017, the Lord Mayor of Cork, Cllr Tony Fitzgerald opened the new city centre hub at 46 Grand Parade. As part of CIT CCAD, it will house the Department of Arts in Health and Education and will also host staff and students from the MA: Art and Process. CIT was presented with the Best Heritage and Conservation Award at the Cork Better Building Awards for the renovation of 46 Grand Parade.

24. CIT BCO celebrated 10 years as an award-winning science and discovery centre on 14 December 2017. Since 2007, over 1 million people across all ages have engaged with the CIT BCO team on explorations of contemporary science and technology through the theme of astronomy and space.

25. A Mature Student CAO Information Session was hosted on 9 January 2018. Information on the CAO application process and financial supports including the Student Grant and the Back to Education Allowance, was offered to potential mature students.

26. A new short part-time evening programme, Certificate in Capital Markets, was launched to support the growth of financial services and funds industry in the Cork region. The programme commenced on 29 January 2018 and was delivered over one academic semester (January - May).

27. On 15 January 2018 the School of Building & Civil Engineering and Lean Construction Ireland hosted a seminar on ‘Thinking Lean Construction: The Need and Opportunities for All’. The keynote address was given by Prof. Glenn Ballard, University of California, Berkeley.

28. CIT in partnership with DELL hosted the VEX Robotics Competition the week of the 15 January 2018. This involved the regional finals for the VEX IQ competition (primary school) and the VEX EDR competition final (post primary school). The final for the VEX IQ competition took place in CIT on 1 March 2018. VEX Robotics is a programme that promotes STEM involving over a million participants worldwide. This competition has grown significantly in recent years with a daily attendance of 600 students.
29. The President of CIT, Dr Barry O’Connor, hosted a reception on 15 January 2018 to acknowledge the tremendous work of staff members to date and to announce the launch of the 2018 I WISH programme. The tremendous work performed by the founders of I WISH, Ruth Buckley, Caroline O’Driscoll and Gillian Keating was acknowledged. Under the leadership of Mary Moloney and Norma Welch, CIT provides its I WISH girls with opportunities to explore all forms of engineering, science and technology through hands-on experiments, site visits, lectures and group activities.

30. CIT received the top prize and accolade of Large Business of the Year at the Cork Business Association (CBA) Cork Business of the Year Awards Ceremony at Páirc Úi Chaoimh on 19 January 2018. According to the Cork Business Association, CIT won ‘because of its economic benefits, as well as the immense social and cultural aspects it brings to the region’.

31. The NIMBUS Research Centre, in collaboration with SteriTrack, hosted an event “Beyond the Internet of Things – How to harness the next wave of digital technology and investment” at Páirc Úi Chaoimh, Cork on 22 January 2018.

32. On 23 January 2018, Rory Lankford, Vice President and General Manager of McKesson Cork, announced a new scholarship to be awarded to a female student pursuing a degree programme in the Department of Computer Science at CIT: the McKesson Entrance Scholarship.

33. An event to mark a National Day of Hungarian Culture was hosted in the Nexus Student Centre Gala on 27 January 2018. The Lord Mayor and the Hungarian Ambassador were in attendance.

34. The Graduate Outcomes Survey of the 2017 graduates was conducted in spring 2018. The results showed many positive outcomes for CIT and its graduates with 96% of CIT graduates either in paid employment or in further study (51% paid employment and 45% in further study).

35. On 13 February 2018, the Department of Computer Science announced the launch of a new full-time MSc in Artificial Intelligence (AI). The programme content will deliver a comprehensive range of topics integral to the study of AI. These include machine learning, deep learning, natural language processing, optimisation, anomaly detection, and big data processing to name but a few.

36. The annual Postgraduate Fair was held in the Bishopstown Campus on 20 February 2018 and was attended by almost 1,500 final year and other students.

37. The Students’ Union RAG week took place the week of 23 February 2018.

38. A plaque was unveiled to commemorate Rory Gallagher in the West Atrium on the Bishopstown Campus on 1 March 2018. Rory played his final Irish concert in the West Atrium in CIT on 18 November 1993 as the headline artist of the inaugural Cork Arts Fest.

39. The Charity Committee, a sub-committee of the CIT Social Committee hosted Strictly CIT in the Rochestown Park Hotel on 9 March 2018. This was a fantastic night and succeeded in raising €32,561 for Cork Cancer Care Centre.

40. CDK Ireland announced that they were partnering with CIT on 11 April 2018, by providing user licences for its Autoline Drive Dealer Management System (DMS), for use by students on the BSc in Automotive Technology and Management programme.

41. SciFest 2018 was opened by Tánaiste and Minister for Foreign Affairs and Trade, Simon Coveney TD in CIT on 20 April 2018. The event showcased 130 projects from 330 second-level school students, ranging from 1st Year to 5th Year, and from 29 schools across Cork city and county.

42. ‘FilmCraftCork’, Ireland’s first ever international student film festival took place on 26 April at the Rory Gallagher Theatre, Bishopstown Campus. This film festival saw a host of Irish and international students showcase a range of documentaries and animations. It was organised by the students of the MA of Public Relations with New Media and CIT.

43. On 28 April 2018, CIT hosted the OMEP Ireland National Conference in association with OMEP Ireland. The theme of the conference was ‘Enquiring Minds—Celebrating Creativity and Curiosity in Early Childhood’. Prof. Sylvia Chard (Project Approach) and Lyndsey Hellyn and Stephanie Bennett (the founders of ‘The Curiosity Approach’) were the key-note speakers. OMEP is an international, non-governmental and non-profit organisation concerned with all aspects of Early Childhood Education and Care.
44. On 2 May 2018, CIT in partnership with Teagasc and Bord Bia launched a new dairy energy decision support tool. The tool was demonstrated at a seminar focusing on emerging technologies in the dairy energy sector, which was attended by dairy farmers, researchers, dairy industry professionals and students.

45. The Don Baker and Rob Strong Band played a concert on 4 May 2018 at the Rory Gallagher theatre, Bishopstown Campus.

46. CIT hosted 80 Transition Year students as part of the Engineering Your Future (EYF) 2018 programme which was held in May. This is a week-long hands-on programme designed to give students a meaningful, practical insight into engineering at third level and as a career.

47. A scholarship in honour of IMPACT activist, the late Tom Bogue, was launched by the Department of Applied Social Studies on 14 May 2018. The €6,000 “Tom Bogue Postgraduate Fees Scholarship” was established by Forsa Trade Union to remember Tom and reflect his commitment to education and social progress. CIT President, Dr Barry O’Connor accepted the award on behalf of the Institute.

48. CIT CCAD’s Department of Fine Art & Applied Art presented its 2018 Degree Show SEE SAW from 1 - 9 June and was opened by Mary Cremin, Curator of the Irish Pavilion for the 2019 Venice Biennale.

49. CIT was formally selected and announced as the host institute for the international European First Year Experience Conference - EFYE 2019, scheduled to take place in CIT from 17 – 19 June 2019. This will be the first time the EFYE conference comes to Ireland.

50. A new programme, Bachelor of Arts (Hons) in International Business with Aviation Studies was launched and is the first of its kind in Europe. This programme is specifically aimed at those who are trained pilots in the aviation industry. Delivered online, the programme builds upon the substantial training and development that pilots undertake and combines it with extensive business knowledge and skills.

51. The Department of Organisation & Professional Development held an Information Evening for the Taught Master of Business Administration (Strategy) on 14 August 2018. A brief presentation was given by current students on the benefits to Personal & Career Development gained from studying the MBA programme.

52. Night Vision, an exhibition of Drawing, Painting, Ceramics, Textiles and Photography work from students who completed part-time courses at CIT CCAD in 2018 took place in The Gallery at No. 46 Grand Parade.

53. A Memo of Understanding between IT Tralee and CIT was signed on 17 August 2018 in relation to the Enterprise Ireland Regional Economic Development Fund. The Memo was signed by Vice President of External Affairs on behalf of CIT and the President of IT Tralee.

54. A Memo of Understanding between New Jersey Institute of Technology and CIT was signed by both Presidents on 1 June 2018 in relation to academic and educational cooperation.

55. A Memo of Understanding between the School of Visual Arts New York and CIT was signed on 29 June 2018 in relation to the cooperation in the promotion of teaching, research and professional activities.

56. On 11 July 2018, a Memo of Understanding was signed between Cork City Sports Committee (CCSC) and CIT in relation to the responsibilities of both parties, to ensure that the Cork City Sports event continues at high standards already established through the facilities provided at CIT and the organisation of the event through CCSC. The Memo was signed by the President of CIT and the President of CCSC.

57. The 66th Cork City Sports was held on 18 July at the CIT grounds, and marked the first time in 12 years that it was aired on live television, resulting in TG4’s first ever live athletics broadcast.

58. ESA Astronaut Paolo Nespoli visited Cork on 23 July to officially handover the Cork and CIT flags which travelled to the International Space Station as part of the International Space University’s Space Studies Programme SSP17 hosted by CIT during summer 2017. The flags were flown aboard the ISS during Expedition 52/53, launched on the Soyuz MS-05 on 27 July 2017 from Baikonur, Kazakhstan, and returned to Earth on 14 December 2017 after 139 days in space. The Official Handover took place in the Curtis Auditorium, CSM and was followed by a Public Lecture by Astronaut Nespoli titled “In Space for Earth”.

CIT Annual Report 2017/18
59. Academic staff from CIT and the NMCI participated as reputable expert witnesses in a scientific experiment, conducted by SEA-Tech a Cork based SME, under the control of a group of reputable witnesses composed of maritime professionals and researchers is set to enter the record books. The purpose of the experiment was to set a world record for the furthest maritime broadband transmission without a satellite or cellular network using SeaFi wireless maritime communication system. Evidence of this record distance for a maritime wireless transmission has been sent to the Guinness World Records Book.
7.2 Campus Development

1. CIT Arena

Description
The CIT Arena multipurpose building is to be used for 3 main functions namely; sports and fitness; arts and culture; academic/education. The proposed building is 3,500sqm incorporating a full 8 court sports hall; a full cardio/weights gym; changing facilities; and a number of multi-functional/project rooms.

Project Status
Planning Permission, Fire Safety Certificate and Disability Access Certificate have been obtained. The project is currently on hold.

2. LRC Learning Resource Centre

Description
The proposed building is a 6,750sqm standalone building consisting of lecture rooms, classrooms, seminar rooms, learning café, study spaces and offices, located to the east of the 1974 Main Building.

Project Status
The project was approved for inclusion in Bundle 1 of the 3rd level PPP in October 2017. Following this, a number of technical workshops were held with the HEA/DoES/NDFA and CIT. The Design team were appointed in May 2018 and design team consultation commenced in June 2018. Planning is due to be lodged early 2019.

3. Melbourn Building Refurbishment – Phase 8

Description
Phase 8 (J104 to J107) to accommodate the HR Recruitment staff office, a number of interview rooms, and a waiting room including a refurbishment of the entrance foyer area.

Project Status
Project completed June 2018.
4. **Various Projects Main Building**

**Description**
B Block Pilot Ventilation Project.
Various classroom upgrades.
Major mechanical upgrade works to replace a large section of the internal water distribution and also redirect the heating pipes from below ground to above ground.

**Project Status**
Classroom upgrades: Completed summer of 2018.
Mechanical Upgrade works. Feasibility and design complete.

5. **Campus Masterplan Review and Update**

**Description**
Reddy Architecture were appointed to carry out a review of the masterplan and map out the strategic options available for physical development of the Institute for the next 10 years including a review of the parking and commuter plan.

**Project Status**
Reddy Architects were appointed in March 2017 and are working through the plan with CIT stakeholders.

6. **CIT CCAD – Workshop / Storage Area Refurbishment**

**Description**
The workshops and storage sheds in CCAD are in need of significant refurbishment. Extensive electrical upgrading and general refurbishment is planned on a phased basis to bring these areas up to proper standards.

**Project Status**
Phase 2 completed during the summer of 2018. This work included electrical upgrade works.

Phase 3 planned for summer 2019 and includes ventilation and heating upgrades along with storage sheds replacement.
7. **G Block Façade Works**

**Description**
An inspection report carried out on the building identified several issues with the façade and likelihood of rot occurring in the structural members at first floor. Recommendations were made to carry out remedial works to replace all vertical timer plywood battens at cladding joints with powder coated metal profiles and replace all timber compromised by rot and treat all remaining timber.

**Project Status**
Work carried out during summer 2018.

8. **Rubicon Roof Repairs**

**Description**
Due to ongoing problems with leaks from the roof in the Rubicon Centre a report was carried out which made recommendations on remedial works. The work included relining of gutters, ridge fillers replaced, cover caps replaced corroded fixings and general repair works.

**Project Status**
Work carried out during summer 2018.

9. **A Block Electrical Workshop Upgrade**

**Description**
This was a safety project involving the installation of partitioning into A104 and A106 Electrical Apprentice workshops to permanently support electrical distribution boards. Previously these boards were installed and removed into storage before and after each class. The workshops accommodate 32 apprentices in each room. The rooms are approximately 120sqm each.

**Project Status**
Work carried out during summer 2018.
7.3 Safety & Facilities Management

In September 2017, the Institute Health and Safety Officer, Mr Seán O’Riordan, retired. The role was advertised and an interview process undertaken. Ms Janice Hegener took up the position in January 2018. A review of the CIT Safety Statement was undertaken. The President endorsed the revised document in February 2018.


Market research was undertaken to determine if a cloud-based Safety Management System would benefit the management of safety within the Institute. CIT stakeholders met with service providers to view wares. Further work continues in this area. A Legionella Risk Assessment was carried out and a risk assessment report was issued to Buildings and Estates. Risk assessments were also carried out of CCAD at Grand Parade and Sober Lane work locations and reports were issued.

Two serious incidents occurred - one in CCAD, and one in the NMCI. Full investigations were undertaken using a revised methodology for accident investigation. These incidents required ongoing interaction with the Institute’s insurers post the incidents.

The Departments of Civil Structural & Environmental Engineering, and IT Services received support with the undertaking of Display Screen Equipment workstation assessments.

Safety Training

Health and Safety Training was provided as follows
- Fire Safety Training for Laboratory and Workshop staff
- Training for Caretakers staff on fire alarm response procedures
- Forklift Driver training for staff in CCAD and Buildings & Estates
- Manual Handling Training for staff in Blackrock Castle and the Department of Strategic Development
- First Aid Responder (FAR) training for staff in Administration, Library and CCAD
- Health and Safety training for first year students in Tourism & Hospitality

Health and Safety Projects

The upgrade of the external chemical stores project was progressed in this year.

CIT Accidents/Incidents from Sept 2017 – Aug 2018

<table>
<thead>
<tr>
<th>Month</th>
<th>Accidents</th>
<th>Minor First Aid Box (included with Accidents)</th>
<th>Accidents which were HSA reportable</th>
<th>Incidents (medical events/ near miss)</th>
<th>Potentially Life Threatening</th>
<th>ERT Callouts</th>
</tr>
</thead>
<tbody>
<tr>
<td>September</td>
<td>9</td>
<td>6</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>October</td>
<td>14</td>
<td>7</td>
<td>0</td>
<td>10</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>November</td>
<td>6</td>
<td>0</td>
<td>1</td>
<td>6</td>
<td>0</td>
<td>6</td>
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</table>

A total of 49 accidents were reported, 25 of which were classed as First Aid Box (FAB). These minor accidents were treated at the scene with no further action required i.e. sterile dressing applied to a small wound or Watergel dressing applied to a
minor burn. There were also 37 incidents reported, these were primarily medical events and/or near miss events, where no injury occurred.

The total combined figure of 86 accidents and incidents shows a significant decrease on the figure of 134 for 2016/17.

**CIT Safety Committee**
Safety Committee meetings were scheduled at regular intervals throughout this period.
7.4 Contact Points

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Note:
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E&OE

Translator
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