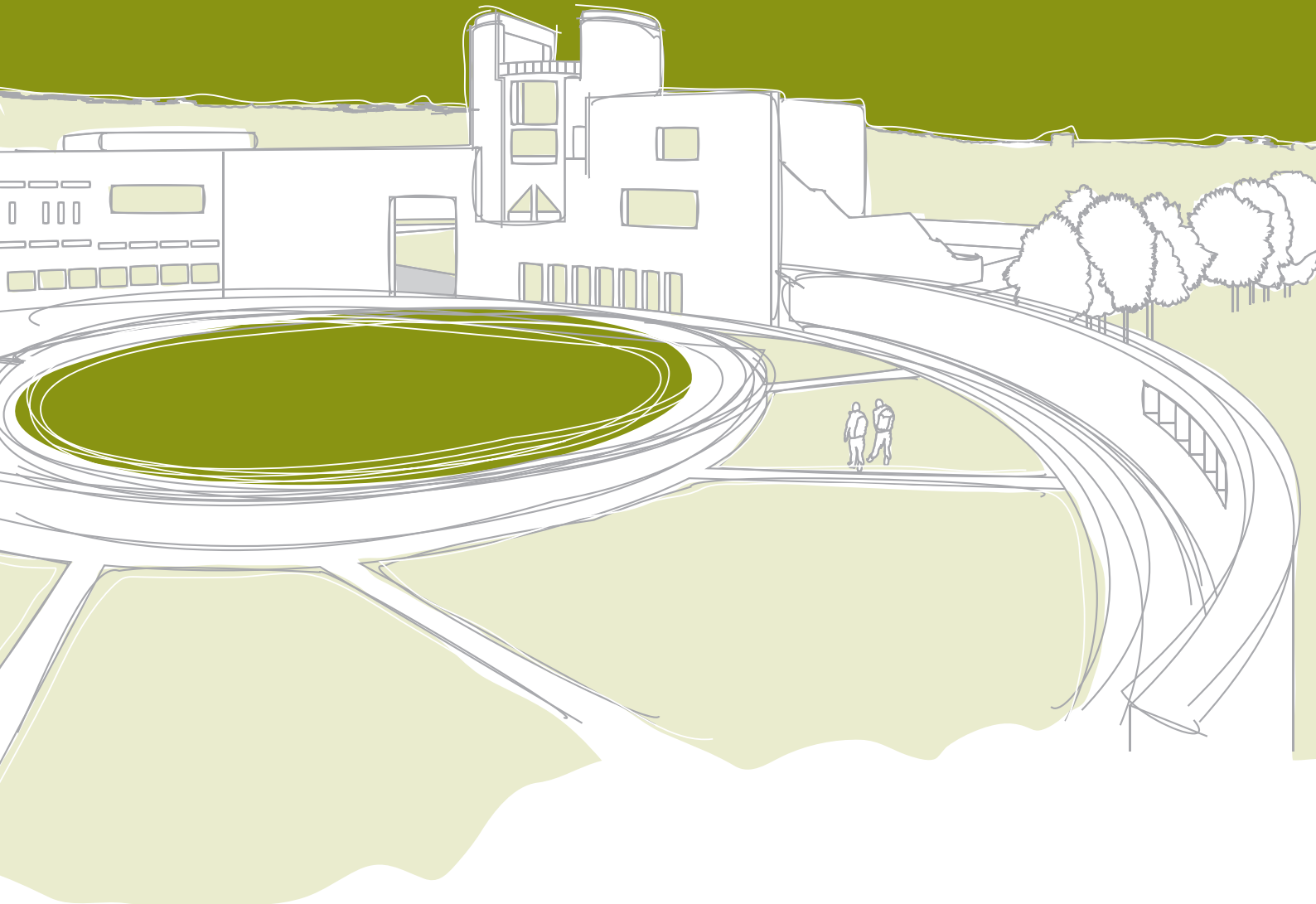


annual report 08/09

cork institute of technology
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Ireland's EU Structural Funds
Programmes 2007 - 2013

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Cork Institute of Technology

annual report 08/09

history

The history of the College 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. This institution was opened in 1912 and named The Crawford Municipal Technical Institute, Mr A F Sharman Crawford having 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 College's Electrical Trades Section was later located at Paul Street, Cork. Other engineering classes were conducted in the Deanery, Dean Street.

The new Regional Technical College came into being 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 building was officially opened in January, 1977, by the then Taoiseach, Mr Jack Lynch, T.D.

The College 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 Regional Technical College, namely the Cork School of Music and Crawford College of Art and Design.

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 College was redesignated "Cork Institute of Technology" by Mr Micheál Martin, T.D., Minister for Education and Science.

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 in the Bishopstown Campus of Cork Institute of Technology transferred to the Ringaskiddy facility. The NMCI is a constituent college of Cork Institute of Technology 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.

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 in June 2005.

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

The Higher Education and Training Awards Council (HETAC) on 19 September 2005, delegated awarding authority to Cork Institute of Technology to award their 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. This Institute now has degree awarding powers that are comparable to Universities in Ireland. Having awarding authority up to PhD level will contribute to the on-going 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. They added much to the image and facilities of Cork Institute of Technology.

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 Cork School of Music 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 a new home in Union Quay in 1956 until it became apparent circa the year 2000 that a new and better home for the School was needed. The Hardiman Report gave scope for a review of music education in Cork Institute of Technology. After much support from the institutions and citizens of Cork and the Department of Education and Science, a beautiful new building with high quality facilities was constructed under a Public Private Partnership. The Official hand over to Cork Institute of Technology of the new Cork School of Music 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 Institutes public facing website www.cit.ie which has been completed in phases. To provide online services for those inside CIT two further projects are also being developed 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) is due to be completed in September 2010 and the student portal (www.mycit.com) is due to be put in place in September 2009 when it will be deployed in conjunction with the student email system.

A substantial extra acreage of land 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, T.D. on 26 May 2008.

Work continues on the construction of the NIMBUS Research building funded under PRTL I IV at a total project cost of €13.6m. A key element of NIMBUS is the close connection between its staff and those from industrial, enterprise and medical facility partners. Dedicated laboratory space for visiting researchers from industry, and office space to accommodate them during their work in NIMBUS have been designed into the building from the outset.

MISSION AND VALUES OF CORK INSTITUTE OF TECHNOLOGY

All the activities of Cork Institute of Technology are governed by its mission statement. The mission statement encapsulates and reflects the Institute's core values.

MISSION STATEMENT

To provide student-centred education with a career focus for the benefit of the personal, intellectual and professional development of the student and for the benefit of the whole of society.

CORE VALUES

CIT is a teaching, learning and research institution of excellence and quality which provides inclusive access to education for students with varied aptitudes, needs and experience across a wide range of disciplines and award levels.

CIT is committed to its role in society and thus will ensure that the Institute, its staff, students and graduates make a real and meaningful contribution to academic, economic, industrial, social and cultural life regionally, nationally and internationally.

CIT will develop and foster the talents of the students of the Institute in a supportive environment. The Institute will provide its students with an education which satisfies their expectations and meets their needs in their careers and as members of society.

CIT will continue to develop through a governance, management and organisational culture of partnership, consultation and cooperation.

STRATEGIC VISION

CIT will be a pre-eminent provider of career-focussed education that embraces diversity and innovation.

The strategic vision expresses the Institute's vision of success. The achievement of this vision will be evident to the economic, cultural and social well-being of its region and communities. Such an Institute will also be progressive, flexible and innovative in its planning and responsiveness to student needs, while building on its existing strengths.

Extract taken from the Institute's Strategic Plan 2005 – 2010.

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introduction

Cork Institute of Technology

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1.1 *Chairman's Statement*



I am delighted to present this Annual Report of Cork Institute of Technology for the year 2008/2009. CIT continues towards achievement of its mission of providing the best student centred education in the country for the benefit of the student and for the benefit of the whole of society.

In an environment of economic downturn, CIT managed to meet its financial objectives with significantly reduced financial allocations, while continuing to deliver excellent education to increased numbers of students. Modularisation and Semesterisation were successfully implemented for all students this year and the benefits in terms of effectiveness and efficiency were well achieved.

Following its application for university status in the previous year, CIT continued during this year to promote its objective to be designated a technological university.

In valuing sporting achievement as part of the overall student experience, CIT took particular pride in its sailing team who won the world student championship in France and its GAA football team who won the Sigerson Cup, a tournament hosted in CIT's facilities.

The continued success of students in external competition at national and international levels reflects the quality of teaching, learning, innovation and research within the Institute and is a credit to the academic staff.

CIT continued to grow its research capability and reputation and projects for the building of a Research and Innovation Centre and an extension to the Rubicon Centre got underway. In addition, financial arrangements were put in place to provide for the operation of Blackrock Castle Observatory, which continued both its research activity as well as providing a popular visitor centre.

In conclusion, I would like to thank the members of the Governing Body, the President, Dr Brendan Murphy, the Management and Staff at CIT for their dedication and hard work during 2008/2009.

Dr Paddy Caffrey
Chairman

1.2 President's Statement



This is my fifth year in office and the following is my President's Statement:

A. Building and Estates

Final granting of outline planning permission was received in September 2008 for the 6,500m² Learning Resource Centre. The formal signing for the Construction of the Research & Innovation Centre (NIMBUS) took place on 5 February 2009.

B. Academic Matters

Mr Billy Kelleher T.D., Minister of State for Labour Affairs officiated at the launch of the Memorandum of Understanding between the Higher Education and Training Awards Council (HETAC) and the Chartered Institute of Building (CIOB) which was hosted by the Institute on 3 October 2008. The Institute's Mechanical Engineering graduate and Masters Degree student, Martin Riordan was awarded the prize of National Winner of "Project Management Graduate of the Year 2008". Martin's maintenance, reliability and assessment management award winning project was "Multiple Vibration Source Separation" and was carried out in conjunction with Cara Partners. The Minister for Education and Science, Mr Batt O'Keeffe T.D., was the guest speaker at the launch of the SIF Project "Framework for progression of Craftpersons" which took place on 28 October 2008. Conferings for the CIT Cork School of Music and the CIT Crawford College of Art & Design took place at the CIT Cork School of Music on Monday 3 November 2008. A total of 195 graduands obtained their parchments. Conferings took place at the Bishopstown Campus on 7 and 14 November 2008. A total of 2,161 graduands obtained their parchments. A formal Memorandum of Understanding was signed between the Hochschule Darmstadt and the Institute on 13 November 2008. The Recreation Leisure Programme at the Institute has been granted European accreditation from the European Health Fitness Association. The Recreation and Leisure students will now leave the Institute with an internationally recognised accreditation in the areas of Gym Instruction and Personal Training. The finals of the National Skills Competition 2009 took place at the Institute

in March 2009. This year marked the 30th anniversary of the World Skills competitions which were held at the Institute in 1979. Over 70 competitors competed for the Department of Education and Science Silver Medal in twelve skills. The award ceremony took place on 3 April and was officiated by the Lord Mayor of Cork, Cllr Brian Bermingham and the Minister for Education and Science, Mr Batt O'Keeffe T.D. The inaugural conferring of the Department of Continuing Education's Master of Business students took place on 24 April 2009, eighteen students received their parchments. Mr Colm O'Brien, our final year student of the Bachelor of Engineering in Electronic Engineering was awarded First Place and declared Winner of the Siemens Engineers Ireland Innovative Student Engineer of the Year 2009 Award. Colm's final year project, inspired by the needs of an elderly relative, concerns the design and development of an Automated Home/Office Environment through Intelligent Tags.

C. Strategic Matters

The first meeting of the Governing Body Strategic Planning Committee took place on 13 March 2009.

D. Staff

Mr Gerard O'Donovan took up duty as Head of School of Business on 5 September 2008. Mr Tadhg Leane was appointed to the three year contract post of Head of Strategy & Policy on 3 October 2008. Dr Stephen Cassidy was appointed to the three year contract post of Head of the Teaching & Learning Unit on 31 October 2008. Dr Joe Harrington was appointed to the post of Head of School of Building & Civil Engineering on 31 October 2008. Members of the Governing Body, Institute Executive Board and Senior Staff of the Institute attended a celebration to mark the retirement of the Institute's Registrar, Mr Brendan Goggin on 6 November 2008 in CIT Cork School of Music. It was well attended by invited external guests, staff, colleagues and friends who gathered to bid a fond farewell to Brendan and wish him a long and happy retirement. A retirement function was held in the Tourism & Hospitality Building on 12 November 2008 to mark the retirement of the Institute's

first Secretary/Financial Controller, Ms Claire Sinnott. The gathering was attended by members of the Governing Body, the Institute Executive Board, Senior Staff, invited external guests, colleagues and friends who came to wish Claire a long and happy retirement. Mr Sean F O'Leary, Senior Lecturer, Department of Mechanical Engineering received the NAIRTL Excellence in Teaching Award on 15 December 2008. Ms Caroline O'Reilly took up duty as Acting Head of Department of Accounting & Information Systems on 6 February 2009. Mr Ed Kuczaj, Head of Department of Art Therapy & Continuing Visual Education at the CIT Crawford College of Art & Design was invited to address the Lithuanian parliament while in Vilnius presenting a paper at a conference on Art and Health. Dr Barry O'Connor took up duty as Registrar and Vice President for Academic Affairs on 5 June 2009. Mr Paul Gallagher took up duty as Secretary/Financial Controller on 19 August 2009.

E. Arts, Culture and Sport

The Institute was invited by the Royal Norwegian Ministry of Foreign Affairs to host an exhibition of Contemporary Norwegian Architecture 2000-2005 produced by the Norwegian National Museum of Art, Architecture and Design. This exhibition was hosted in conjunction with RKD Architects in the Nexus, Student Centre and was officially opened by the Ambassador of Norway to Ireland, Mr Truls Hanevol. The Institute's Sailing Team on 31 October 2008 became World Champions after a week of intense competition at the Student Yachting Championships in La Trinite-sur Mer, France. The launch of the 2009 Ulster Bank Sigerson Cup Weekend took place at the Institute's Sport Stadium on 16 February 2009. The Sigerson weekend took place at the Institute on 27 and 28 February with a total of 14 teams taking part. My congratulations to the CIT team and all involved on becoming the 2009 Sigerson Cup Champions. A reception and presentation of medals was held in honour of our victorious 2009 Sigerson Football and Freshers Hurling Teams on 11 May 2009. Murray O Laoire Architects, John Sisk & Son and Ms Vivienne Roche won the Allianz Business to Arts Award – Jim McNaughton Perpetual Award for the Best Commissioning Practice for the joint MOLA/Sisks art piece "Light Ensemble".

F. Innovation and Research

The official unveiling of a plaque by the Minister for Education and Science, Mr Batt O'Keeffe, T.D. to mark the successful research collaboration between Tyndall National Institute and CIT took place on 22 September 2008. The 8th CIT Prize for Innovation took place in the Nexus, Student Centre on 13 March 2009. First prize and title of CIT Entrepreneur of the Year went to the Rigi-Jig team from the Department of Mechanical Engineering. The keynote address was given by Dr Edward de Bono who is regarded by many as the leading authority in the world in the field of creative thinking and direct teaching of thinking as a skill. The National Maritime College of Ireland received the ISO 9000 Certification from the NSAI on 28 April 2009. The 2009 Mechanical, Manufacturing and

Biomedical Engineering Exhibition took place on Thursday 30 April 2009 in the Nexus, Student Centre. There was 120 stands at the event and the exhibition theme was "The Integration of Innovation in Engineering Education and Research". Four major awards for the Institute were won at the Enterprise Ireland/Invest Northern Ireland Student Awards Final 2009, which took place on 9 & 10 June 2009 in the University of Ulster, Coleraine. The awards were:

- (i) Cruickshank Most Technologically Innovative Product Award
Winner: Vision RETM
- (ii) Enterprise Ireland/Invest Northern Ireland Solving Problems for Industry Award - Winner: NebualerTM
- (iii) Enterprise Ireland/Invest Northern Ireland Award of Excellence
Joint Winner: Rigi-JigTM
- (iv) Enterprise Ireland/Invest Northern Ireland/Cruickshank Academic Award 2009 - Winner: Mr Sean F O'Leary, Senior Lecturer, CIT

G. Institute Website and Online Services

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 Institutes public facing website www.cit.ie which has been completed in phases. To provide online services for those inside CIT two further projects are also being developed 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) is due to be completed in September 2010 and the student portal (www.mycit.com) is due to be put in place in September 2009 when it will be deployed in conjunction with the student email system.

Dr Brendan J. Murphy
President

1.3 *Equality Statement*

Cork Institute of Technology is an equal opportunities employer. It is committed to the on-going 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) and the Qualifications Act (1999) 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.

A committee of the Governing Body, An Coiste Gaeilge, has been in existence for a number of years to assist the Institute in this regard. It has formulated plans to meet the statutory requirements and these have been approved by the Governing Body.

1.5 About Cork Institute of Technology and its Organisation Chart

Cork Institute of Technology operates over five 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
 Cork Centre for Architectural Education (CCAIE) situated in Cork City, jointly run with UCC

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 Development and the Secretary / Financial Controller.

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

CIT Crawford College of Art & Design (CIT CCAD):

CIT Crawford College of Art & Design is a listed building dating from the early 1900s located in Sharman Crawford Street and includes the departments of Fine Art & Ceramic Design, Art & Design Education and Art Therapy & Continuing Visual Education.

CIT Cork School of Music (CIT CSM):

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

National Maritime College of Ireland (NMCI):

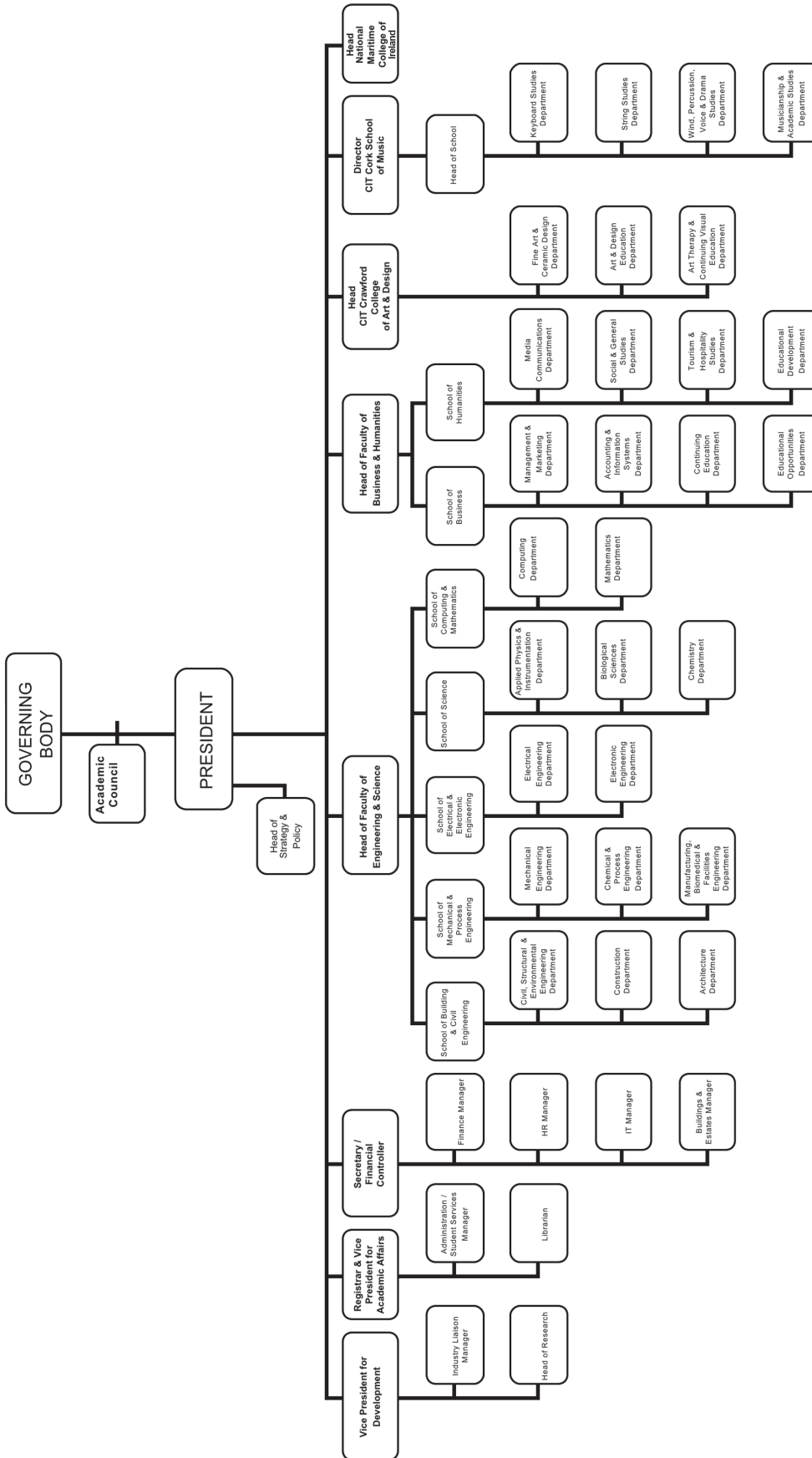
This state-of-the-art College operating from 2004 is located in Ringaskiddy, Co Cork and provides training and education for the Merchant Marine and the non-military needs of the Irish Naval Service (INS). NMCI Services is the commercial arm of the College.

Cork Centre for Architectural Education (CCAIE):

The Cork Centre for Architectural Education established in 2006 is a joint venture between Cork Institute of Technology and University College Cork. Supported by Cork City Council and the architectural profession within the region, the Cork Centre for Architectural Education 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.

1.5 Institute's Organisation Chart



1.6 Special Units and Centres operating within the Institute and their relationship to the Institute's Organisation Chart

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

1. Blackrock Castle Observatory (BCO)

Through BCO CIT hopes to change, 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 a centre of excellence in science that fosters interest in science, engineering and technology through the medium of astronomy.

2. Rubicon Centre

The Rubicon Centre is CIT's on campus Incubation Centre. It is home to over 40 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 on the International Market. 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. An extension to the existing building is currently taking place and it is hoped this will be fully operational by 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, 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 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 Unit operates under the auspices of the Registrar & Vice President for Academic Affairs:

1. Teaching & Learning Unit

The Teaching & Learning Unit was formed in September 2008. The Unit is responsible for managing, facilitating and monitoring the following activities within CIT:

- Development of an Effective Learning Environment
- Development of Learning, Teaching and Assessment Strategies
- Development of Teaching and Learning with Technology (TLT)
- Promotion of Excellence and Innovation in Teaching and Learning
- Research in the areas of Teaching, Learning and Assessment
- Support of the Design & Development of Programmes and Curricula

Membership of the TLU is drawn from each Faculty within the Institute with additional members bringing expertise in areas of e-learning and teaching with technology.

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

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

The Centre for Advanced Manufacturing and Management Systems (CAMMS) is attached to the Manufacturing, Biomedical & Facilities Engineering Department and the Mechanical Engineering Department in CIT. 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. Certifications available include City and Guilds, American Society for Quality and the Society of Manufacturing Engineers. The Centre is an Associate Member of the International Institution for Production Engineering Research (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.

2. Clean Technology Centre (CTC)

The Clean Technology Centre, based in CIT, 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 Cork Institute of Technology 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 wide range of clients, national and international. These include individual companies, sectoral groups, and umbrella industrial organisation. CTC has an industrial portfolio of over 150 companies. Other clients include local authorities, national agencies, Government Departments as well as several Directorates General of the European Commission. CTC has carried out 93 environmental research projects with over 100 partners from more than 30 countries.

3. Cork Centre for Architectural Education (CCAЕ)

The Cork Centre for Architectural Education established in 2006 is a joint venture between Cork Institute of Technology and University College Cork. Supported by Cork City Council and the architectural profession within the region, the Cork Centre for Architectural Education 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 and Process Analysis (CAPPА)

CIT Researchers in the Photonics Strategic Research Cluster were awarded €1.25m by Enterprise Ireland to establish the Institute’s second Industry-driven research centre (under the Applied Research Enhancement Programme). Known as CAPPА (Centre for Advanced Photonics and Process Analysis), a key objective of the centre will be to analyse the real-time quality of industry’s manufacturing processes without the need for them to interrupt the process.

The CAPPА Centre, officially launched on 23 October 2008, aims to develop as a centre for industry-led applied research in Optics and Photonics. Current Industrial Partners include Alcon Ireland, Logitech and Epi-Light.

Alcon is a Medical Device Multinational Company based in Cork producing advanced Intra-ocular lenses for replacement of the eye’s natural lens during cataract surgery. CAPPА has secured joint funding from Alcon and Enterprise Ireland under the Innovation Partnership Scheme for a collaborative R & D project.

Logitech, a world leader in personal peripherals, driving innovation in PC navigation, internet communications, digital music, home-entertainment control, gaming and wireless devices, on a direct funded project involving the design and optimisation of the illumination scheme for a next generation remote control.

Epi-Light, an indigenous start-up company based in Cork which develops advanced LED lighting systems for the Life Science, Pharmaceutical and Medical Device sectors, through the Enterprise Ireland Innovation Vouchers scheme.

5. Medical Engineering Design and Innovation Centre (MEDIC)

CIT Researchers in Biomedical Engineering established the Institute's third Industry-driven Centre with an award of €1.25m from Enterprise Ireland's Applied Research Enhancement Programme. The MEDIC Centre (Medical Engineering Design and Innovation Centre), officially launched on 23 October 2008, 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).

In terms of enhancement of CIT's R&D capability, MEDIC will focus on three research strands; SMART surgical devices (integration of micro electronics 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 – focussing on orthopaedic bone grafts, neuro regenerative and antibacterial composites.

6. NIMBUS Centre

The NIMBUS Centre is a purpose built state of the art research building incorporating the Network & Embedded Systems Research Group and TEC Centre. The Network & Embedded Research Group consists of Adaptive Wireless Systems research and Smart Systems Integration research. The TEC Centre (Technologies for Embedded Computing) acts as the primary industry interface with the NIMBUS Centre and provides a "one-stop-shop" for innovation in embedded systems for industry in the region. The NIMBUS Centre will provide industry with the opportunity to utilise the industry labs and access support programmes and will be home to over 90 staff, researchers and post-graduate students when fully occupied.

7. Centre for Surface & Interface Analysis (CSIA)

The Centre for Surface & Interface Analysis (CSIA) is based in the Department of Applied Physics and Instrumentation, Cork Institute of Technology. This Centre was developed, with government and European Union funding, as a specialist facility for the analysis of the surfaces and interfaces of materials. The Centre provides the following range of services on a commercial basis;

- Analytical Services: a commercial surface analysis service aimed at industrial and other users, featuring a rapid turn around in solving problems that relate to quality assurance, process trouble-shooting and other production issues;
- Contract R & D: pre-competitive and competitive R & D through participation on a partnership basis in projects that originate within industry;
- Education & Training: providing short courses on analytical techniques and other related topics;
- Consultancy: providing access to expert advice, either through in-house expertise or through data-bases and a network of external contract.
- Techniques such as Auger electron spectroscopy (AES), X-ray photoelectron spectroscopy (XPS) and scanning electron microscopy (SEM) are used to analyse surface and sub-surface chemistries of samples under UHV conditions.

8. Irish National Centre for Membrane Technology (INCMT)

The Irish National Centre for Membrane Technology (INCMT) is based in the Department of Chemical & Process Engineering in Cork Institute of Technology. The INCMT is part of the BioPharmaChem Research Cluster, one of three strategic research clusters in CIT, along with research groups in the Departments of Chemistry and Biological Sciences.

The INCMT was established to foster academic research in the application of membrane technology and to promote technology transfer in this area. The mission statement of the INCMT is to:

- (i) Promote the use of membrane technology by industry in Ireland,
- (ii) Carry out R & D projects which will foster technology transfer in Ireland and enhance academic understanding, and
- (iii) Create a national network made up of representatives of the relevant industrial sectors, academics, membrane and membrane system suppliers, and other interested parties.

The INCMT has established a vibrant network interested in the field of membrane separation technology through its series of short conferences which were a great success, with attendances ranging from 50 to 100 participants from the biopharmaceutical, fine chemical, food, design consultancy and academic sectors. The Centre, at present, is working towards establishing formal collaborations with other research organisations active in areas relevant to its own research area and with Sectoral groups. It also aims to establish a Steering committee, which will focus its research on industry needs with the aim of commercialising its research.

The INCMT focus on membrane separations links with CIT's Clean Technology Centre focus on policy development and industrial support in the field of cleaner technologies.

9. PROTEOBIO Mass Spectrometry Research Centre

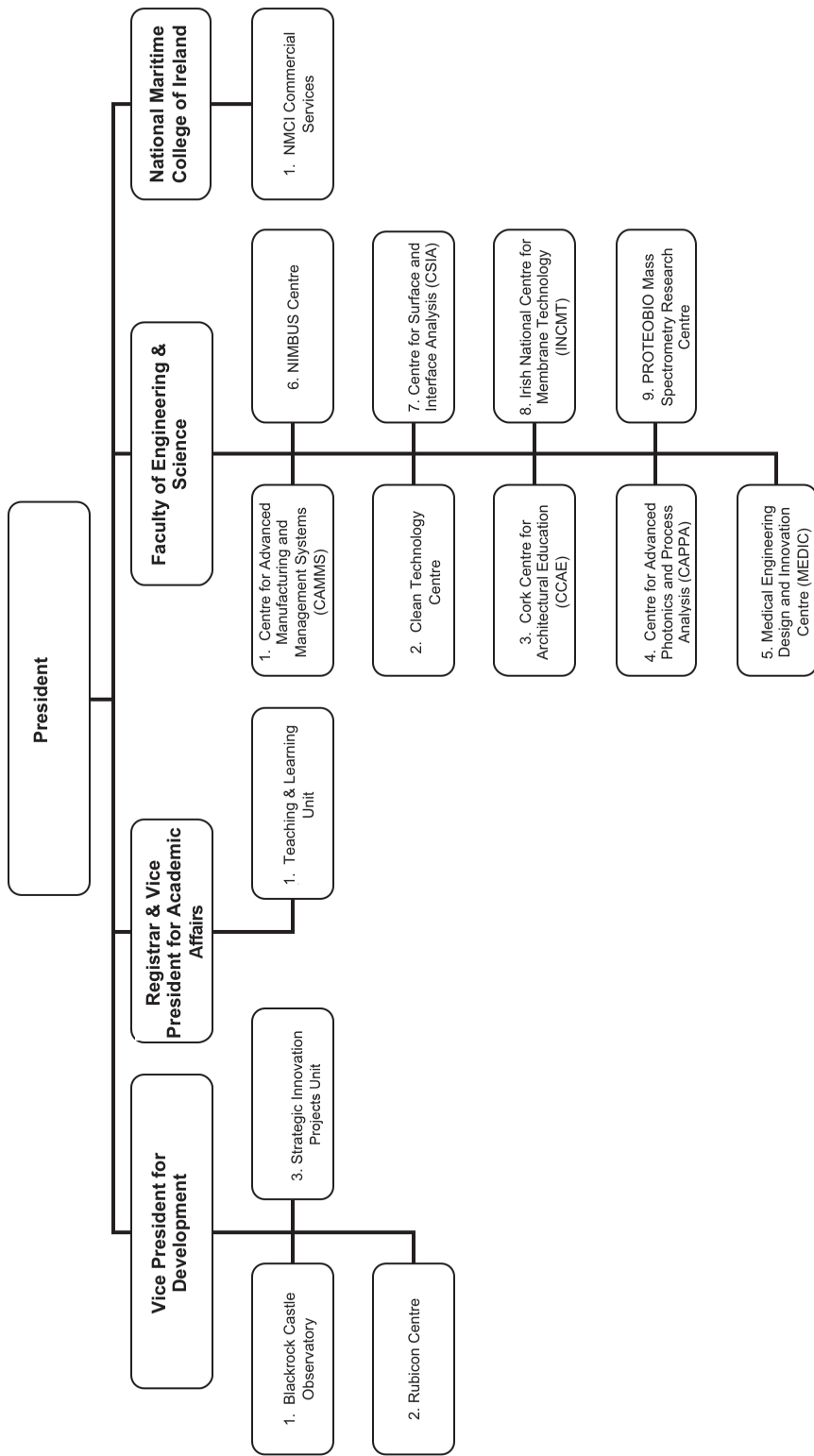
PROTEOBIO is the mass spectrometry research centre located in the Department of Chemistry, Cork Institute of Technology. It comprises of a five-laboratory complex and is the largest Liquid Chromatography – Mass Spectrometry (LC-MS) facility in Ireland. PROTEOBIO is at the forefront of food borne biotoxin research in Europe. The unit has a unique position within Europe as the holder of the reference toxin standards and analytical protocols for determining a variety of biotoxins. It has provided analytical services to the Irish Department of the Marine, and has also been engaged to offer advice and consultancy on biotoxins to governmental agencies in New Zealand, Spain, France, Norway, UK and Italy, as well as to the EU Commission.

Funding to support the research conducted at PROTEOBIO has come from a number of sources including: the Higher Education Authority (PRTL1-11), Enterprise Ireland and the Environmental Protection Agency.

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

1. NMCI Commercial Services (NMCIS)

NMCIS is the Commercial division of the National Maritime College. 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.



1.7 Sports Facilities Development

1999 – 2008

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 22 acres of land west of the Curraheen 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 3 years a programme of filling took place to raise the general area by approximately 2 metres. On completion, the extensive network of ESB lines crossing the site were removed and this allowed the construction of 6 sand based grass pitches for GAA, soccer and rugby. This brought the total number of grass playing pitches to 9 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 1150 along with 6 dressing rooms, referee's room, medical room, gymnasium and social area.

Along with the developments listed above, 3 pitches have full floodlighting to allow night matches and training and a synthetic carpet tennis court have 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.



governance

Cork Institute of Technology

- 2.1 *Membership of Governing Body*
- 2.2 *Governing Body Meetings*
- 2.3 *Institute Executive Board (IEB)*
- 2.4 *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 students representatives are appointed for a period of five years.

The two student representatives are appointed for a period of one year up to 30 September.

The membership of the Governing Body during the Academic Year 2008/09 was as follows:

Dr Paddy Caffrey, Chairman
(Nominee of the Minister for Education and Science)

Dr Brendan J. Murphy, President, CIT
(Ex Officio)

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

Six appointed under Section 4(1)(a) and (b)

Cllr James A. Corr (Nominee of City of Cork VEC)
Ms Máire Roycroft (Nominee of City of Cork VEC)
Cllr Terry Shannon (Nominee of City of Cork VEC)
Mr Barra Ó Briain (Nominee of County Cork VEC)
Canon G.A. Salter (Nominee of County Cork VEC)
Cllr Aileen Pyne (Nominee of County Cork VEC)

Two appointed under Section 4(1)(c)

Mr John Twohig (Academic Staff Nominee)
Dr Mary McCarthy (Academic Staff Nominee)

One appointed under Section 4(1)(d)

Mr Peter Somers (Non Academic Staff Nominee)

Two appointed under Section 4(1)(e)

Mr Brian O'Sullivan (Nominee of Students Union) up to 30 September 2008
Ms Catriona Foley (Nominee of Students Union) up to 30 September 2008
Mr Gearóid Buckley (Nominee of Students Union) up to 30 September 2009
Ms Clodagh Kennedy (Nominee of Students Union) up to 30 September 2009

One appointed under Section 4(1)(f)

Ms Marie Kearney (Nominee of the Irish Congress of Trade Unions)

Five appointed under Section 4(1)(g)

Mr Gerald M.J. Donovan (Nominee of Cork Chamber of Commerce)
Mr Denis Lucey (Nominee of Irish Co-Operative Organisation Society Ltd.)
Ms Valerie Gleeson (Nominee of the Arts Council)
Sr Mary McDaid (Nominee of the Association of Principals and Vice Principals of post primary schools)
Mr Billy O'Neill (Nominee of Institution of Engineers of Ireland)

2.2 *Governing Body Meetings*

During the period from 1 September 2008 to 31 August 2009, the Governing Body met on eleven separate occasions including one special meeting. They met on the following dates:

Thursday 4 September 2008

Thursday 2 October 2008

Thursday 30 October 2008

Thursday 4 December 2008

Thursday 5 February 2009

Thursday 5 March 2009

Thursday 2 April 2009

Thursday 30 April 2009

Thursday 4 June 2009

Thursday 2 July 2009

Wednesday 29 July 2009 (Special Meeting)

2.3 Institute Executive Board (IEB)

The Institute Executive Board was set up and held its first meeting in March 2004. Its role and functions are:

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 to formulate Institute policy for approval by the Governing Body, including academic matters, operational issues, the annual returns, and the programmes and budgets for the Institute. The Institute Executive Board is thus a standing instrument of internal consultation between the President's Office and senior management across all academic and administrative functions of the Institute.

The composition of the Institute Executive Board is as follows:

Dr Brendan J. Murphy, President
Dr Michael Noonan, Assistant Principal
Dr Barry O'Connor, Registrar & Vice President for Academic Affairs
Mr Paul Gallagher, Secretary/Financial Controller
Mr Michael Delaney, Vice President for Development
Mr Michael Loftus, Head of Faculty of Engineering & Science
Mr Damien Courtney, Head of Faculty of Business & Humanities
Capt John Clarence, Head, National Maritime College of Ireland
Dr Geoffrey Spratt, Director, CIT Cork School of Music
Ms Orla Flynn, Acting Head, CIT Crawford College of Art & Design

The Institute Executive Board meets on a fortnightly basis and at such other times deemed to be 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 details of the meetings. Reports from their meetings are circulated to Governing Body.

2.4 Institute Senior Staff

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

President

Dr Brendan J. Murphy, BA, MA, PhD, FSS, FICS, CEng, FIEI

Institute Executive Board

Assistant Principal

Dr Michael Noonan, MSc, PhD, MIBiol

Registrar & Vice President for Academic Affairs

Dr Barry O'Connor, BE, MEngSc, PhD, BCL, CEng, MIEI

Secretary/Financial Controller

Mr Paul Gallagher, MSc, FCMA

Vice President for Development

Mr Michael Delaney, MSc, MEd, MIBioll, HDipEd, MICI, MESAI, ATCL

Head of Faculty of Engineering & Science

Mr Michael Loftus, BE, MEngSc, MICS

Head of Faculty of Business & Humanities

Mr Damien Courtney, BA, MA(Louv), MPhil(Louv), MIUSSP

Head of National Maritime College of Ireland

Capt John Clarence, MBA, BA, Master Mariner

Director, CIT Cork School of Music

Dr Geoffrey Spratt, BA, PhD

Head, CIT Crawford College of Art & Design (Acting)

Ms Orla Flynn, MSc, MA, MICS, MIDI

Head of Research

Dr Niall Smith, BSc, PhD

Assistant Registrar

Mr Ed Riordan, BSc

Central Services Managers

Administration & Student Affairs Manager

Mr Eamon O'Connor

Buildings Estates Manager

Mr Kevin McCarthy, MSc, CEng, MIEI

Finance Manager

Mr John Cogan

Human Resources Manager

Mr Anthony Collins, BA

Industry Liaison Manager

Ms Josette O'Mullane, BComm, ACMA

IT Manager

Mr Gerard Culley, BEng, MIEI, CCNA, CISSP

Librarian

Mr Derry Delaney, BA, DLIS

BISHOPSTOWN CAMPUS:

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, Eurlng, PE

Head of Department of Civil, Structural &

Mr Desmond Walsh, BE, MSc, DIC, CEng, MIEI, MICE

Environmental Engineering

Head of Department of Construction

Dr Daniel Cahill, MSc, PhD, MRICS

Head of Department of Architecture

Ms Katherine Keane, BSc in Arch, MArch, ARIAI

School of Mechanical & Process Engineering:

Head of School (Acting)

Mr Matt Cotterell, BE, MED, CMfgE, MIEI, AMIMEchE

Head of Department of Chemical & Process Engineering

Mr John O'Shea, BEng, CEng, FICHEM, FIEI

Head of Department of Mechanical Engineering (Acting)

Mr John O'Shea, BEng, CEng, FICHEM, FIEI

Head of Department of Manufacturing,

Mr Daithi Fallon, BE, MEngSc, CEng, MIEI, CQE

Biomedical & Facilities Engineering

School of Electrical & Electronic Engineering:

Head of School (Acting)

Vacant

Head of Department of Electrical Engineering (Acting)

Dr Noel Barry, BE, ME, PhD, CEng, MIEI, MPES, MIAS

Head of Department of Electronic Engineering (Acting)

Dr Joe Connell, BSc (Eng), MSc (Eng), PhD, CEng, FIEI, MIEEE

School of Science:

Head of School
 Head of Department of Applied Physics & Instrumentation
 Head of Department of Biological Sciences
 Head of Department of Chemistry

Dr Eamonn Cashell, BA(Mod), BSc, PhD, CPhys, MInstP
 Dr Liam McDonnell, BSc, PhD, CPhys, FInstP
 Dr Hugh McGlynn, BSc, PhD, FHEA
 Dr John Wood, BSc, PhD, CChem, MRSC, FICI

School of Computing & Mathematics:

Head of School
 Head of Department of Computing
 Head of Department of Mathematics

Vacant
 Mr Jim O'Dwyer, BA(Mod), HDipEd, CEng, FICS, MBCS
 Mr Kevin Kelly, BSc, MSc, HDipEd

FACULTY OF BUSINESS & HUMANITIES**Head of Faculty**

Mr Damien Courtney, BA, MA(Louv), MPhil(Louv),
 MIUSSP

School of Business:

Head of School
 Head of Department of Management & Marketing
 Head of Department of Accounting & Information Systems
 Head of Department of Continuing Education
 Head of Department of Educational Opportunities

Mr Gerard O'Donovan, BComm, MBA, MMII, MICS
 Mr Brian McGrath, BComm, FCA, MMII
 Vacant
 Mr Paul Mahony, FCA, FCPA, MBS
 Ms Marese Bermingham, BComm, HDipEd, HDipGC,
 MIGC

School of Humanities:

Head of School (Acting)
 Head of Department of Social & General Studies
 Head of Department of Media Communications (Acting)
 Head of Department of Tourism & Hospitality Studies

 Head of Department of Education Development (DEIS)

Mr Ray Coughlan, BE(Elec), MEngSc, MIEI
 Mr Jim Walsh, BA, HDipEd, BCL, LLB, MEMI
 Ms Rose McGrath, MA, Dip Ed, BDes
 Mr Adrian Gregan, BA, MBS, Dip H&C Mgmt, FIHI, Post
 Grad Dip Hosp Ed
 Vacant

CIT CORK SCHOOL OF MUSIC

Director
 Head of School

Dr Geoffrey Spratt, BA, PhD
 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 String Studies (Acting)
 Head of Department of Wind, Percussion, Voice
 & Drama Studies

Ms Joan Scannell, MA, BMus, DipCSM, LTCL
 Mr John O'Connor, MA, BMus, HDE, FTCL, LRSM

Head of Department of Musicianship & Academic
 Studies

Ms Maria Judge, BMus, Dip Kodály Intézet Hungary

CIT CRAWFORD COLLEGE OF ART & DESIGN

Head (Acting)
 Head of Department of Fine Art & Ceramic Design (Acting)
 Head of Department of Art & Design Education
 Head of Department of Art Therapy & Continuing
 Visual Education

Ms Orla Flynn, MSc, MA, MICS, MIDI
 Mr Kevin Gill, ANCAD, MA
 Mr Albert Walsh, MEd, Dip ADT, ND Design
 Mr Edward Kuczaj, MA, Dip Art Th, RNMS

NATIONAL MARITIME COLLEGE OF IRELAND

Head

Capt John Clarence, MBA, BA, Master Mariner

academic & student affairs

Cork Institute of Technology

- 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*
- 3.6 *Approved Courses – Part-Time*
- 3.7 *Validating Authorities*
- 3.8 *External Examiners*
- 3.9 *Student Statistics*
- 3.10 *Student Prizes*

3.1 Academic Council Membership

The current members of the Academic Council were appointed in March 2007 and will continue in office for a period of three years.

The Academic Council met on six occasions during the period 1 September 2008 to 31 August 2009 as follows:

Wednesday, 8 October 2008
 Wednesday, 19 November 2008
 Wednesday, 21 January 2009
 Wednesday, 25 February 2009
 Wednesday, 1 April 2009
 Wednesday, 13 May 2009

PRESIDENT

Brendan J Murphy

SENIOR ACADEMIC STAFF

Adrian Gregan	Head of Department of Tourism & Hospitality Studies
Aiveen Kearney	Head of School, CIT Cork School of Music
Albert Walsh	Head of Department of Art & Design Education, CIT Crawford College of Art & Design
Vacant	Head of School of Electrical & Electronic Engineering (Acting)
Matt Cotterell	Head of School of Mechanical & Process Engineering
Brian McGrath	Head of Department of Management & Marketing
Daithi Fallon	Head of Department of Manufacturing, Biomedical & Facilities Engineering
Damien Courtney	Head of Faculty of Business & Humanities
Daniel Cahill	Head of Department of Construction
Desmond Walsh	Head of Department of Civil, Structural & Environmental Engineering
Eamonn Cashell	Head of School of Science
Edward Kuczaj	Head of Department of Art Therapy & Continuing Visual Education, CIT Crawford College of Art & Design
Gabriela Mayer	Head of Department of Keyboard Studies, CIT Cork School of Music
Geoffrey Spratt	Director, CIT Cork School of Music
Vacant	Head of Department of Accounting & Information Systems
Hugh McGlynn	Head of Department of Biological Sciences
Irene Sheridan	SIF Co-Ordinator
Jim O'Dwyer	Head of Department of Computing
Jim Walsh	Head of Department of Social & General Studies
Joan Scannell	Head of Department of String Studies (Acting), CIT Cork School of Music
Joe Connell	Head of Department of Electronic Engineering (Acting)
Joe Harrington	Head of School of Building & Civil Engineering
John Clarence	Head of National Maritime College of Ireland
John O'Connor	Head of Department of Wind, Percussion, Voice & Drama Studies, CIT Cork School of Music
John O'Shea	Head of Department of Chemical & Process Engineering
John Wood	Head of Department of Chemistry
Katherine Keane	Head of Department of Architecture
Kevin Gill	Head of Department of Fine Art & Ceramic Design (Acting)
Kevin Kelly	Head of Department of Mathematics
Liam McDonnell	Head of Department of Applied Physics & Instrumentation
Marese Bermingham	Head of Department of Educational Opportunities
Maria Judge	Head of Department of Musicianship & Academic Studies, CIT Cork School of Music
John O'Shea	Head of Department of Mechanical Engineering (Acting)
Michael Loftus	Head of Faculty of Engineering & Science
Noel Barry	Head of Department of Electrical Engineering (Acting)
Orla Flynn	Head (Acting), CIT Crawford College of Art & Design
Paul Mahony	Head of Department of Continuing Education
Paul Sliney	Modularisation & Semesterisation Facilitator
Ray Coughlan	Head of School of Humanities (Acting)
Rose McGrath	Head of Department of Media Communications (Acting)
Gerard O'Donovan	Head of School of Business
Vacant	Head of Department of DEIS

SENIOR EXECUTIVE

Barry O'Connor	Registrar & Vice President for Academic Affairs
Paul Gallagher	Secretary/Financial Controller
Michael Delaney	Vice President for Development
Michael Noonan	Assistant Principal

EX-OFFICIO STAFF

Derry Delaney	Librarian
Ed Riordan	Assistant Registrar
Eva Juhl	Registrar's Office
John Twohig	Chairperson of Apprenticeship Board of Studies
Niall Smith	Head of Research
Tadhg Leane	Head of Strategy & Policy

STUDENT REPRESENTATIVES

Gearóid Buckley	President of Students Union, CIT
John Grant	Education Vice President of Students Union, CIT
Adam O'Brien	Vice President for Education, Student's Union, CIT

ELECTED ACADEMIC STAFF

Aidan Coffey	School of Science
Aileen Donnelly	CIT Cork School of Music
Áine de Róiste	School of Humanities
Ambrose Furey	School of Science
Ann Barry	CIT Cork School of Music
Ann Wilson	School of Humanities
Bill Corr	School of Mechanical & Process Engineering
Brian McNamara	CIT Cork School of Music
Brian O'Rourke	School of Building & Civil Engineering
Carol A. O'Connor	CIT Cork School of Music
Catherine Frehill	School of Science
Chris Gibbons	School of Mechanical & Process Engineering
Christine Pybus	CIT Crawford College of Art & Design
Colm Barry Murphy	School of Business
David Cadogan	School of Building & Civil Engineering
Dermot O'Reilly	National Maritime College of Ireland
Des Walsh**	School of Building & Civil Engineering
Dirk Pesch	School of Electrical & Electronic Engineering
Felix Raekson	School of Business
Gerard Kelly	School of Mechanical & Process Engineering
Harvey Makin	School of Science
Ian O'Sullivan	School of Mechanical & Process Engineering
James Hayes	CIT Crawford College of Art & Design
Joan Scannell*	CIT Cork School of Music
John J. Murphy	School of Building & Civil Engineering
John P. Murphy	School of Building & Civil Engineering
Maurice Murphy	School of Business
Michael Brennan	School of Computing & Mathematics
Michael O'Donovan	School of Electrical & Electronic Engineering
Mike Murphy	CIT Crawford College of Art & Design
Patrick Collins	School of Electrical & Electronic Engineering
Paul Rothwell	School of Computing & Mathematics
Philip Curtin	School of Humanities
Sheree Borge	School of Business
Stephen Cassidy	School of Mechanical & Process Engineering
Susan O'Regan	CIT Cork School of Music
Thomas A. Farrell	School of Mechanical & Process Engineering
Tim Horgan	School of Computing & Mathematics
Tom O'Mahony	School of Electrical & Electronic Engineering
Violeta Morari	School of Computing & Mathematics

- ** Currently in Acting Position as Head of Department of String Studies, CIT Cork School of Music*
- *** Currently in Acting Position as Head of Department of Civil, Structural & Environmental Engineering*

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 co-ordinate 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 seven committees:

ACADEMIC PLANNING COMMITTEE

Colm Barry-Murphy (Chairman)

ACADEMIC REVIEW COMMITTEE

Tadhg Leane (Chairman)

ADMISSIONS COMMITTEE

Jim O'Dwyer (Chairman)

LEARNING RESOURCES COMMITTEE

Dermot O'Reilly (Chairman)

REGULATIONS COMMITTEE

Kevin Kelly (Chairman)

RESEARCH & DEVELOPMENT COMMITTEE

Niall Smith (Chairman)

STANDING ORDERS COMMITTEE

Jim Walsh (Chairman)

3.4 Academic Development

Modularisation & Semesterisation

This major strategic change in CIT commenced its first full year of operation in September 2008. While first year delivery had been modularised and semesterised in 2007, all stages were delivered in this way in 2008. A further major change was the placing of all programme schedules and modules on a web server which allowed online access internally and also to the public via the "modules.cit.ie" address. The inputting of assessment data by academic staff was instituted using the Web for Faculty system.

The approach to modularisation and semesterisation in CIT was a rigorous one, with a high level of compliance demanded regarding the fundamental points of the model. These included modules of five credits (with multiples allowed by exception); assessment after each semester rather than annually; free choice modules; and a significant shift towards continuous coursework assessment.

The revised "Regulations for Modules and Programmes (Marks and Standards)" became the basis for examination processes and boards. A significant aspect of these regulations was the convening of Module Examination Boards which decided on module marks. These module marks were not subject to amendment by Progression and Award Boards, which decided on the student's overall result.

Conversion to ab initio Level 8 Programmes

Commencing in 2007-2008, the Academic Council had approved a policy framework for the introduction of more ab-initio level 8 degrees, built around the content and outcomes of existing ladder-model (3+1) programmes. During the 2008-2009 academic year, a series of conversion processes were conducted. In most cases, the new ab initio programme was put in place alongside the existing ladder structure. In a small number of cases, it was agreed by Academic Council that the ab initio programme would replace the ladder programme. In these cases, criteria had to be met showing that applicants would not be excluded, and that there was no significant economic or social demand for the level 7 award.

Policy Reviews

Module Level Designation

The Academic Council reviewed the issue of associating specific National Framework levels to individual modules, which had been the subject of varying approaches across the Institutes of Technology sector. CIT was advised that in the NFQ, framework levels should be ascribed to programmes and not to the modules within them. Council established a working party and adopted its recommendation that the modules within CIT programmes, instead of being designated

level 6, 7, 8 or 9 should be specified as 'fundamental, intermediate, advanced, expert' thereby distinguishing them from the programme levels within NFQ. This approach was implemented via the module database.

Examination Appeals

A revised Examination Appeals policy was adopted by Academic Council and Governing body during the year. A significant feature was the establishment of a position as "first instance arbiter" to speed up the processing of appeals. More stringent rules were included regarding evidence of extenuation circumstances.

Recognition of Prior Learning

The Institute is considered a leading exponent of the recognition of prior learning. A revised policy was adopted for this area.

Programmatic Reviews and Programme Validation

Under its delegated authority from HETAC, CIT is empowered to validate new programmes. During the year, several such programmes were so validated, including Masters (Level 9) programmes in Networking & Security and Public Relations with New Media. Further significant developments were the commencement of Honours degree (Level 8) programmes in Early Years Education, Transport Management, Tourism and Hospitality Management. An important milestone was the validation of a BA in Leadership, Management and Naval Studies which gave academic recognition to the training of NCOs in the Irish Naval Service; this award underlines the importance of the CIT-INS partnership at the National Maritime College of Ireland.

A new process for Programmatic Review was adopted on a pilot basis. This used a two stage model for the five-yearly review of programmes: a strategic (faculty based) phase, and a subsequent more detailed programme and module review. This model was instituted, with Phase 1 reviews taking place in CIT Crawford College of Art & Design and also in the CIT Cork School of Music.

Institutional Review

During the academic year 2008-2009 the Institute engaged with HETAC on the advance planning for a major Institutional Review. This was signaled by HETAC as an omnibus review which would (if successful) revalidate CITs extensive delegated authority, and at the same time meet the statutory requirements for institutional review as well as ensuring a high level of conformance with the European quality standards for Higher Education Institutions. The Institutional Review is set to take place in 2010.

3.5 Approved Courses – Full-Time

SCHOOL OF SCIENCE

Department of Physics & Instrumentation

Bachelor of Science in Applied Physics & Instrumentation - Years 1, 2 & 3
 Bachelor of Science (Hons) in Applied Physics & Instrumentation
 Bachelor of Science (Hons) in Computerised Instrumentation Systems - Years 1, 2, 3 & 4
 MSc
 PhD

Department of Biological Sciences

Bachelor of Science in Science (Biology) - Years 1 & 2
 Bachelor of Science in Food Science & Technology
 Bachelor of Science in Applied Biosciences & Biotechnology
 Bachelor of Science (Hons) in Applied Biosciences
 Bachelor of Science in Biomedical Science - Years 1, 2 & 3
 Bachelor of Science (Hons) (Biomedical Sciences) - Years 1 & 2
 Bachelor of Science (Hons) in Herbal Science (ab initio) - Years 1, 2, 3 & 4
 MSc
 MSc Healthcare Manufacturing (taught) (Joint with UCC)
 PhD

Department of Chemistry

Bachelor of Science in Analytical & Pharmaceutical Chemistry - Years 1, 2 & 3
 Bachelor of Science (Hons) in Analytical Chemistry with Quality Assurance - Years 1 & 4
 MSc
 PhD

SCHOOL OF COMPUTING & MATHEMATICS

Bachelor of Science in Computing - Years 1 & 2
 Bachelor of Science (Hons) in IT Management - Years 1 & 4
 Bachelor of Science in Computing
 Bachelor of Science in Information Technology Support - Years 1, 2 & 3
 Bachelor of Science (Hons) in Software Development - Years 1, 2, 3 & 4
 Bachelor of Science (Hons) in Software Development with a Language (French) - Year 4
 Bachelor of Science (Hons) in Software Development with a Language (German) - Year 4
 Bachelor of Science (Hons) in Software Development & Computer Networking - Years 1, 2, 3 & 4
 MSc
 PhD

SCHOOL OF BUSINESS

Department of Accounting & Information Systems

Bachelor of Business in Accounting
 Bachelor of Business in Business Administration - Years 1, 2 & 3
 Bachelor of Business in Accounting - Years 1 & 2
 Bachelor of Business (Hons) in Accounting - Years 1 & 4
 Bachelor of Science in Agriculture - Years 1, 2 & 3
 Bachelor of Business (Hons) in Information Systems - Years 1, 2, 3 & 4

Department of Management & Marketing

Bachelor of Business in Business Studies - Years 1 & 2
 Bachelor of Business in Marketing
 Bachelor of Business in Management
 Bachelor of Business (Hons)
 MBS

Department of Educational Opportunities

Bachelor of Business - Years 1 & 2 (EOD)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (Jan08)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 2

SCHOOL OF HUMANITIES**Department of Social & General Studies**

Bachelor of Arts in Social Care - Years 1, 2 & 3
 Bachelor of Arts (Hons) in Social Care - Year 4
 Bachelor of Arts in Early Childhood Care & Education (ab initio) - Years 1, 2 & 3
 Bachelor of Business in Recreation & Leisure Management - Years 1, 2 & 3
 MA

Department of Media Communications

Bachelor of Arts in Design Communications - Years 1, 2 & 3
 Bachelor of Arts (Hons) in Visual Communications
 Bachelor of Arts (Hons) in Multimedia - Years 1, 2, 3 & 4
 Diploma Applied Business in Computing (with UCC) - Years 1 & 2
 M Arts

Department of Tourism & Hospitality

Higher Certificate in Business in Tourism - Years 1 & 2
 Bachelor of Business in Hospitality Management - Years 1, 2 & 3
 Bachelor of Business in Bar Management (ab initio) - Years 1, 2 & 3
 Bachelor of Business in Culinary Arts (ab initio) - Years 1, 2 & 3

DEIS

Bachelor of Arts in Community Education & Development - Year 1
 Bachelor of Arts in Community Education & Development - Years 2 & 3
 Bachelor of Arts (Hons) in Community Education & Development
 MA
 PhD

SCHOOL OF BUILDING & CIVIL ENGINEERING**Department of Civil, Structural & Environmental Engineering**

Bachelor of Engineering in Civil Engineering - Years 1, 2 & 3
 Bachelor of Engineering (Hons) in Structural Engineering - Years 1, 2, 3 & 4 (ab initio)
 MSc (Civil)
 PhD
 M Eng

Department of Architecture

Bachelor of Science in Interior Architecture - Years 1, 2 & 3
 Bachelor of Science in Architectural Technology - Year 1
 Bachelor of Science (Hons) in Architectural Technology - Years 1, 2, 3 & 4
 Bachelor of Science (Hons) in Architecture (Joint with UCC) - Years 1, 2, 3 & 4
 Chartered Institute of Building – Professional Studies Level 3

Department of Construction

Bachelor of Science in Construction - Years 1 & 2
 Bachelor of Science in Construction Economics
 Bachelor of Science in Construction Management
 Bachelor of Science (Hons) in Construction Management
 Bachelor of Science (Hons) in Quantity Surveying

SCHOOL OF MECHANICAL & PROCESS ENGINEERING**Department of Chemical & Process Engineering**

Bachelor of Engineering (Hons) in Chemical & Process Engineering - Years 1, 2, 3 & 4
 M Eng
 PhD

Department of Manufacturing, Biomedical & Facilities Engineering

Bachelor of Engineering in Manufacturing Engineering
 Bachelor of Science (Hons) in Advanced Manufacturing Technology (add on)
 Bachelor of Engineering in Building Services Engineering - Years 1, 2 & 3
 Bachelor of Engineering in Biomedical Engineering - Years 1, 2 & 3
 Bachelor of Engineering (Hons) in Biomedical Engineering (ab initio) - Years 1, 2, 3 & 4
 M Eng
 MSc
 PhD

Department of Mechanical Engineering

Bachelor of Arts in Transport Management & Technology - Years 1, 2 & 3
 Bachelor of Arts in Engineering in Mechanical/Manufacturing Engineering - Years 1 & 2
 Bachelor of Engineering in Mechanical Engineering
 Bachelor of Science (Hons) in Process Plant Technology (add on)
 Bachelor of Engineering (Hons) in Mechanical Engineering - Years 1, 2, 3 & 4
 Bachelor of Engineering (Hons) in Sustainable Energy - Years 1, 2, 3 & 4
 M Eng
 PhD

SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING**Department of Electrical Engineering**

Bachelor of Engineering in Electrical Engineering - Years 1, 2 & 3
 Bachelor of Science (Hons) in Electrical Power Systems - Years 1 & 2
 M Eng

Department of Electronic Engineering

Bachelor of Engineering in Electronic Engineering - Years 1, 2 & 3
 Bachelor of Engineering in Applied Electronics Design
 Bachelor of Engineering in Communications Systems
 Bachelor of Engineering in Electronic Automation & Robotics

Bachelor of Engineering (Hons) in Electronic Systems Engineering - Year 4
Bachelor of Engineering (Hons) in Electronic Engineering - Years 1, 2, 3 & 4
M Eng
PhD

NATIONAL MARITIME COLLEGE OF IRELAND

Bachelor of Science in Nautical Science - Years 1, 2 & 3
Bachelor of Science (Hons) Nautical Science/CHIEFMATE, MASTER
Bachelor of Engineering in Marine & Plant Engineering - Years 1, 2 & 3
SEAMANSHIP Years 1, 2 & 3
CHIEFMATE, MASTER

CIT CORK SCHOOL OF MUSIC

B Music (Hons) - Years 1, 2, 3 & 4
MA Music (Research)
MA Music (Taught)
PhD

CIT CRAWFORD COLLEGE OF ART & DESIGN

Bachelor of Arts in Fine Art/Ceramics - Year 1
Bachelor of Arts (Hons) Fine Art & Ceramic Design
Bachelor of Arts in Fine Art - Years 2 & 3
BA (Hons) Fine Art & Ceramic Design
Bachelor of Arts in Ceramic Design - Years 2 & 3
Higher Diploma in Arts for Art & Design Teachers
Bachelor of Arts (Hons) in Fine Art
Bachelor of Arts (Hons) in Ceramic Design
Post Diploma Studies (Fine Art or Ceramics)
M Arts in Art Therapy
M Arts in Fine Art

3.6 *Approved Courses – Part-Time*

The following part-time courses operated in the academic year 2008/09.

SCHOOL OF SCIENCE

PHYSICS & INSTRUMENTATION

Higher Certificate in Science in Industrial Measurement and Control - Year 1, 2 & 3
 Short course in Industrial Automation - Semester 1 & 2
 Short course in Industrial Automation - Semester 2 (ADV)

CHEMISTRY

Certificate in Quality Assurance
 Diploma in Quality Management - Part 1 & 2
 Bachelor of Science in Chemical Technology
 Diploma in Quality Management - Part 2

BIOLOGICAL SCIENCES

Basic Microbiology
 Higher Certificate in Apiculture
 Bachelor of Science (Hons) in Applied Biosciences - Year 1 & 2
 MSc Biomedical Sciences (Taught) (Joint with UCC)

SCHOOL OF COMPUTING & MATHEMATICS

Post Graduate Diploma in Computing in Education
 Master of Science in Computing in Education
 Master of Science in Software Development
 Bachelor of Science in Computing in Information Technology Support (ACCS) (Semester 1 & 2)
 Certificate in CISCO Certified Network Associate (Term 1)
 Diploma in CISCO Certified Network Professional
 Bachelor of Science in Science in Computing - Year 1 & 2 (ACCS) (Semester 1 & 2)
 Certificate in Fundamentals of Hardware & Operating Systems-Comp TIAA+
 Bachelor of Science (Hons) in Computer Services Management (ACCS)
 Certificate in CISCO Wireless LANS
 Certificate in Comp TIA Network+
 Certificate in Comp TIA Server+
 Bachelor of Science Computing (EMC Outreach)
 Certificate in Novell Certified Linux Professional (Semester 1 & 2)
 Comp TIA Linux+
 Security +
 Web Applications with MS Visual Basic .NET
 Retention Mathematics

SCHOOL OF BUSINESS

BUSINESS STUDIES

Institute Certified Public Accountants (Formation 2)
 Institute Certified Public Accountants - Professional 1 & 2
 Institute of Accounting Technicians of Ireland - Year 1 & 2
 Institute of Accounting Technicians of Ireland - Year 1 & 2 (Clonakilty)
 Institute of Accounting Technicians of Ireland - Year 1 & 2 (Bantry)
 Diploma in Financial Management

Foundation Certificate in Personnel Practice (Term 1 & 2)
 Marketing Institute of Ireland - Year 1, 2, 3 & 4
 Road Transport-Cert of Professional Competence (CPC) Term 1
 Road Transport - National - Term 2
 Diploma in Industrial Engineering - Year 1, 2 & 3
 Bachelor of Business - Year 1 (Term 1 & 2)
 Bachelor of Business - Year 1 (Term 2 & Summer)
 Bachelor of Business - Year 2 (Term 1 & 2)
 Bachelor of Business - Year 1 & 2 (Clonakilty)
 Bachelor of Business - Year 2 (Summer)
 Bachelor of Business in Management - Year 1 (Term 1 & 2)
 Bachelor of Business in Management - Year 2 (Semester 1 & 2)
 German Beginners
 German Intermediate
 German Advanced
 German Deutsch Fur Den Beruf Course 4
 Introductory Bookkeeping & Accounting (Term 1 & 2)
 Set up and Run a Business
 Chartered Institute of Management Accountants - Year 2 (Intermediate)
 Bachelor of Business (Hons) - Year 4
 Bachelor of Business (Hons) - Year 4 (Summer)
 Bachelor of Business (Hons) - Year 5
 Higher Certificate in Business in Office Information Systems - Year 2 (Term 1)
 Understanding the Taxation System
 MBS (Taught)
 PhD
 MBS (Research)
 European Computer Driving Licence (ECDL)
 Customer Relationship Management
 Certified Accounting Technician (ACCA) - Year 2 Level C
 Advanced Certificate in Agriculture (TEAGASC) (Dairying 1)
 Bachelor of Arts in Human Resource Management - Year 1 (Semester 1 & 2)
 Bachelor of Arts in Human Resource Management - Year 2 (Term 1 & 2)
 Bachelor of Arts in Human Resource Management - Year 3 (Term 1 & 2)
 Bachelor of Arts in Human Resource Management - Year 3 (Term 2 & Summer)
 Bachelor of Arts in Human Resource Management - Year 4 (Term 1 & Summer)
 Training the Trainer
 Diploma in Supply Chain Management Part 1, 2 & 3
 French Intermediate
 Institute Professional Auctioneers & Valuers Level 1 & 2
 Certificate in Marketing Skills
 International Accounting Standards
 Bachelor of Business in Marketing - Year 3 (Semester 1 & 2)
 Credit Management
 Graduate Enterprise Group 1

EDUCATIONAL OPPORTUNITIES

New Opportunities for Women (NOW) FT 35W
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (Semester 1 & 2)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 2 (Semester 1 & 2)
 Bachelor of Science in Good Manufacturing Practice & Technology
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 & 2 (OLY)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 2 (NOV)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (NOV) (Semester 1 & 2)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (BS) (Semester 1 & 2)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (FAS) (Semester 1 & 2)
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (COOK) (Semester 2)
 National Diploma in Business Studies (First Line Management)

SCHOOL OF HUMANITIES

SOCIAL & GENERAL STUDIES

One Year Certificate in Counselling Skills
 Higher Certificate in Arts in Counselling Skills
 Bachelor of Arts (Hons) in Counselling and Psychotherapy - Year 3 & 4
 Health & Fitness 2
 Social Care Supervision Level 1
 Golf Club Management

MEDIA COMMUNICATIONS

Desktop Publishing & Design
 Diploma in Public Relations - Year 1 & 2
 WEB Design & Construction
 Design for Print
 Digital Imaging
 Media Production
 Digital Video Editing

TOURISM & HOSPITALITY

Practical Bakery Techniques
 Bartenders Training Course
 Primary Course in Food Hygiene
 Practical Bakery Techniques
 Advanced Kitchen Management (Culinary Leadership & Training)

DEIS

RPL
 Sales & Marketing - Thomas Crosbie Holdings (TCH)

SCHOOL OF BUILDING & CIVIL ENGINEERING

CIVIL, STRUCTURAL & ENVIRONMENTAL

Bachelor of Engineering in Civil Engineering - Year 1 & 2
 Institution of Structural Engineers
 Bachelor of Engineering in Civil Engineering - Year 2
 Bachelor of Engineering in Civil Engineering (ACCS) - Year 3

CONSTRUCTION & ARCHITECTURE

Bachelor of Science in Construction - Year 1 & 2
 Bachelor of Science in Construction Economics
 Safe Pass
 Bachelor of Science in Construction Management
 Bachelor of Science Technology (Staff Development)

SCHOOL OF MECHANICAL & PROCESS ENGINEERING

CHEMICAL & PROCESS ENGINEERING

Certificate in Health & Safety at Work
 Chemical Engineering Fundamentals
 Chemical Process Operations - Year 2

MANUFACTURING BIOMEDICAL & FACILITIES ENGINEERING

Welding 165
 Certified Manufacturing Engineer
 Project Management (Term 1, 2 & 3)
 Certified Quality Engineer/Technician
 Fluid Power Eng Competencies PT2 Pneumatics (C & G)
 SCADA (Supervisory Control and Data Acquisition) (Term 1, 2 & 3)
 Coded Welding EN287
 Coded Welding EN287SS (Term 1, 2 & 3)
 Project Management Context (Term 1, 2 & 3)
 Mech - Mechatronics
 *2800 Mechatronics (Pneumatics, Electro-Pneumatics & PLCS C&G)
 Lean Manufacturing Certification Programme (Bronze & Silver)
 Coded Welding ASME EN287
 Building Energy Rating
 Building Energy Rating (Evening)
 ASQ Quantitative Measures
 Six Sigma Green Belt
 Bachelor of Science (Hons) in Process Plant Technology
 Introduction to Sustainable Energy
 Bachelor of Science (Hons) in Advanced Manufacturing Technology

MECHANICAL ENGINEERING

3D Design Using CAD Group A
 Higher Certificate in Engineering in Maintenance Technology - Stage 1 & 2
 Bachelor of Engineering in Mechanical Engineering
 Biofuels
 Technician Certificate in Mechanical Engineering
 Technician Diploma in Mechanical Engineering
 Advanced Technician Diploma in Mechanical Engineering
 CAD & Design Using AUTOCAD-Group A (435101)
 CAD & Design Using AUTOCAD-Group B (435101)
 Auto Electricity Elementary
 Auto Electricity Intermediate
 Auto Electricity Advanced
 Motor Engineering Elementary
 Motor Engineering Intermediate
 Motor Engineering Advanced
 Garage Organisation & Management
 Member of Institute of Motor Industry
 UPDATING SKILLS FOR TECHNICIANS (TERM 2)
 Engineering Design Using PRO Engineer Advanced Level
 3D Design (Short Course) FT Students
 Technological Cert in Maths
 Advanced Maths

SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING**ELECTRICAL ENGINEERING**

DC Elementary Electrical Engineering
 CGLI Course 236 Part 2 (Course B)
 CGLI (Course C)
 C&G 803
 Autocad Bridging
 Programmable Logic Controllers 1 (Term 1 & 2)
 Programmable Logic Controllers 2

Utilisation of Electrical Engineering
 Electrotechnology Advanced
 Phase 4 Electrical Science Refresher (Term 1, 2 & 3)
 Phase 6 Electrical Science Refresher (Term 1, 2 & 3)
 AUTOCAD Electrical
 Phase 4 Electrical Craft Practice Refresher (Term 1, 2 & 3)
 Phase 6 Electrical Craft Practice Refresher (Term 1, 2 & 3)
 Bridging Course (Bachelor of Science (Hons) in Electrical Power Systems)
 Refrigeration & Electrical Prospective

ELECTRONICS ENGINEERING

Bachelor of Engineering in Electronic Engineering (ACCS)
 Bachelor of Engineering in Electronic Automation & Robotics
 Bachelor of Engineering in Engineering in Electronic Engineering - Year 1 & 2 (ACCS)
 M Eng in Telecommunications (Taught) (Semester 1 & 2)

NATIONAL MARITIME COLLEGE OF IRELAND

Elementary First Aid
 Yachtmaster Offshore (Shore Based Course)
 YOC Yachtmaster Ocean
 Marine Engineering Chief, Second Engineer, OOW
 Bridging Studies
 Officer of the Watch - Deck
 Personal Survival Techniques
 Navigation, Radar & ARPA Simulator Training (Management)
 Navigation, Radar & ARPA Simulator Training (Operational Level)
 Proficiency in Survival Craft
 Efficient Deck Hand
 Automatic Radar Plotting Aid
 Tanker Safety Course
 Electrical Maintenance for Yacht Owners
 Medical First Aid
 Refresher Deck
 Medical Care
 Personal Safety & Social Responsibilities
 Ship Security Officer
 OOW Engineering Preparatory Course
 GMDSS
 Shipboard Familiarisation (Customs)
 Chief Mates for Smaller Ships
 Ship Safety Boarding Officer
 Royal Navy Lifeboat Institution
 SMC Coastguard (Search & Rescue)
 Proficiency in Fast Rescue Boats
 Freefall Lifeboat Coxwains
 Simulation for Pilots
 Bridge Resource Management for Pilots
 GMDSS Short Range Cert (SRC)
 Customs
 STCW95 - Central Fisheries Board (4 day)
 Shipboard Safety Officer
 International Safety Management (ISM Code)
 Tanker Familiarisation Course
 Advanced Fire Fighting
 Fire Fighting & Fire Prevention
 Electronic Chart Display & Information System (ECDIS)
 Foundation Diploma in Shipping
 Pilot Training Simulation (SIM)
 Helicopter Underwater Training (HUET)
 Bridge Training for Managers
 Class 1/2 Engineering

Rib Operator
 Sea Fisheries Protection
 Team Building
 Bachelor of Business Supply Chain and Transport Management
 Bachelor of Business Supply Chain and Transport Management
 Conversion of Skipper Full to OOW Deck
 FÁS Seafaring Skills Pilot Scheme

CIT CRAWFORD COLLEGE OF ART & DESIGN

Landscape Painting
 Stained Glass
 Foundation Art Therapy
 Drawing from Life
 Photography 1 (Basic)
 Photography 2
 Pottery 1 & 2
 Stained Glass 1 & 2
 Painting & Drawing
 Textiles
 Painting 1
 Folder Preparation (Saturday) (PPSAT)
 DATE (Disability Arts Training)
 Postgraduate Art Therapy - Year 2 & 3
 Art Therapy (Night)
 Drawing from Life - Tuesday
 Life Drawing - Monday
 Master of Arts in Art Therapy
 Junior College of Art

CIT CORK SCHOOL OF MUSIC

Piano	Flute	Junior Bands
Organ	Oboe	Brass Ensemble
Harpichord	Clarinet	Saxophone Ensemble
Chamber Music (Dept. A)	Bassoon	Bassoon Technique
Piano Ensemble	Saxophone	Windwood Ensemble
Jazz Piano	Horn	Vocal Ensemble
Piano Duets	Trumpet	Horn Ensemble
Piano 2nd Instrument (GRP)	Clarinet Ensemble	Vocal Support Studies
Organ Keyboard Skills	Trombone	Advanced Sightsinging Class
Violin	Euphonium/Tuba	Woodwind Ensemble
Suzuki Violin	Percussion	Irish Trad Group
Viola	Flute Class	Uilleann Pipes
Viola Technique	Flute/Band Ensemble	Musicianship
Cello	Youth Music Project (Dept C)	Windwise
Cello Technique	Singing	Theory (Individual)
Suzuki Cello	Opera Studio	Keyboard Studies
Double Bass	Speech (Class)	Adult Music Literacy
Chamber Music	Speech (Individual)	Choir
Orchestra	Speech Theory	Junior Certificate
Violin Technique	Drama	Leaving Certificate
Guitar	Recorder Ensemble	Youth Music Project
Guitar (class)	Wind Ensemble	Conducting (individual)
Junior Guitar Ensemble	Concert Band	Sight-Singing Class
Senior Guitar Ensemble	Jazz Big Band	Composition (class)
Harp	Jazz Improvisation	
Recorder	Junior Jazz	
	Percussion Ensemble	

3.7 Validating Authorities

11 June 2001 saw the establishment of the Higher Education & Training Awards Council (HETAC). This Council, together with the Further Education and Training Awards Council (FETAC) and the National Qualifications Authority of Ireland (NQAI) form part of a radical legislative and practical overhaul arising from the Qualifications (Education and Training) Act 1999.

Higher Certificate, Ordinary Bachelor Degrees and Honours Degrees

The implementation of the National Framework of Qualification by the National Qualification Authority of Ireland in October 2003, in conjunction with HETAC, resulted in the conversion of National Certificates being revalidated as Higher Certificates at Level 6 of the Framework, National Diplomas being revalidated as Ordinary Bachelor Degrees at Level 7 and Degrees being revalidated as Honours Degrees at Level 8.

Higher Education & Training Awards Council

HETAC is the legal successor to the National Council for Educational Awards, but its powers are significantly different. HETAC is essentially an awarding and quality assurance body. Many functions of the NCEA have been delegated to the Institutes of Technology, for example, appointment of external examiners.

HETAC's main functions include:

- Setting standards for higher education and training awards
- Validation of higher education and training programmes
- Monitoring of institutional quality assurance procedures
- Delegation of awarding powers to recognised institutions
- Ensuring that student assessment procedures are fair and consistent

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.

DEPARTMENT OF EDUCATION & SCIENCE

Technological Certificates

The Institute offers technological certificate courses for part-time students through evening courses. These certificates are validated by the Department of Education & Science.

These courses are provided in the following areas, Building, Automobile Engineering, Mechanical Engineering and Electrical Engineering.

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 FETAC.

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

Further Education & Training Awards Council (FETAC)

The Institute also provides part-time and block-release courses in the Tourism, Hospitality and Catering areas. These courses are validated by FETAC.

City & Guilds of London Institute (CGLI)

Many of the part-time courses conducted by the Institute in the Departments of Manufacturing, Biomedical & Facilities Engineering, Electrical Engineering, Mechanical Engineering and Transport & Automobile Engineering are also validated by the City & Guilds of London Institute as the courses are designed to meet the required content and standards.

Institute of Public Administration (IPA)

The IPA examines and validates the part-time course for Bachelor of Business Studies Award. (The full-time course is validated by HETAC).

Additional Recognition of CIT Courses

The Institute has obtained additional recognition for its courses by professional bodies, in order to enhance the professional standing of graduates and to provide them with the fullest possible advantages for employment and career development. The main recognitions obtained are:

Bachelor of Science (Hons) Applied Physics & Instrumentation

- Institute of Physics
- Teachers Registration Council

Bachelor of Science (Hons) Biomedical Science

- Institute of Biomedical Sciences
- Council of Professions Supplementary to Medicine

Bachelor of Science (Hons) in Analytical Chemistry with Quality Assurance

- Institute of Chemistry of Ireland
- Royal Society of Chemistry
- Teachers Registration Council

Bachelor of Science (Hons) in Applied Biosciences

- Teachers Registration Council

Bachelor of Science (Hons) in Architectural Technology

- Chartered Institute of Building

Bachelor of Engineering (Hons) in Structural Engineering

- Engineers Ireland (Chartered*)
- FEANI
- Washington Accord

Bachelor of Engineering (Hons) in Mechanical Engineering

- Engineers Ireland (Chartered*)
- FEANI
- Washington Accord

Bachelor of Engineering (Hons) in Chemical & Biopharmaceutical Engineering

- Engineers Ireland (Chartered*)
- FEANI
- Washington Accord
- Institution of Chemical Engineers (ICHEME)

Higher Certificates/Bachelor Degrees in Electrical Engineering, Building Services Engineering

- Engineers Ireland (Associate*)
- Chartered Institution of Building Services Engineers

Higher Certificates/Bachelor Degrees in Electrical/Electronic/ Mechanical/ Manufacturing Engineering

- Engineers Ireland (Associate*)

Bachelor of Engineering in Marine & Plant Engineering

- Engineers Ireland (Associate*)

Bachelor of Music (Hons) (Suzuki Stream)

- European Suzuki Association (ESA)

Bachelor of Business Studies (Hons)

- The Chartered Institute of Management Accountants (CIMA)

Bachelor of Business in Accounting

- The Institute of Certified Public Accountants in Ireland (ICPAI)

Higher Certificate in Business Studies

- The Association of Chartered Certified Accountants (ACCA)

Higher Certificate in Accounting

- The Institute of Chartered Accountants in Ireland (ICAI) (Exemptions from various requirements of the Professional Accounting Bodies are granted)

Higher Certificate in Business Studies, Bachelor of Business in Marketing, Bachelor of Business (Hons)

- Exemptions from the Marketing Institute

Bachelor of Business in Hospitality Management

- Irish Hospitality Institute

Bachelor of Science (Hons) in Quantity Surveying

- Royal Institution of Chartered Surveyors
- Society of Chartered Surveyors

Bachelor of Science in Construction Management

- Society of Chartered Surveyors

Bachelor Degree in Design Communication

- Institute of Designers in Ireland

Bachelor Degree (Hons) in Visual Communications

- Institute of Designers in Ireland

MA in Art Therapy

- Irish Association of Art Therapists

* Eligible following appropriate experience

Accreditation of CIT Engineering Honours Degrees

- Bachelor of Engineering (Hons) in Chemical & Process Engineering
- Bachelor of Engineering (Hons) in Structural Engineering
- Bachelor of Engineering (Hons) in Electronic Engineering
- Bachelor of Engineering (Hons) in Mechanical Engineering

These honours degrees are fully accredited by Engineers Ireland and graduates are eligible for corporate membership with Chartered Engineer (CEng) status following appropriate experience.

International Recognition

European Engineer: These honours degrees fulfill the Fédération Européene d'Associations Nationales d'Ingenieurs (FEANI) Group One registration requirements and thus meet the academic requirements for the award of the title European Engineer (EurIng). Such engineers may practice in most European countries.

Washington Accord: As these degrees are accredited by Engineers Ireland (the Irish accreditation body) they also fulfill the requirements for mutual recognition by the national accreditation bodies that have signed the Washington Accord, i.e., USA, UK, Canada, Australia, New Zealand, South Africa, Hong Kong and Ireland.

3.8 External Examiners

FACULTY OF BUSINESS & HUMANITIES

Department of Accounting & Information Systems

Mr Chris Barry

- Bachelor of Business (Hons) in Business Information Systems

Ms Marian Duggan

- Bachelor of Business (Hons) in Accounting

Mr Larry Elwood

- Bachelor of Business (Hons) in Information Systems

Dr Shane Kilcommins

- Bachelor of Business in Accounting
- Bachelor of Business (Hons) Award

Mr Eoin Langan

- Bachelor of Business (Hons) in Accounting
- Bachelor of Business in Accounting
- Bachelor of Business in Business Administration

Ms Mary Lucey

- Higher Certificate in Business in Office Information Systems

Mr Frank Murphy

- Bachelor of Science in Agriculture

Department of Continuing Education

Mr Damien Burns

- Bachelor of Arts in Human Resource Management

Mr John Casey

- Bachelor of Business in Management (ACCS)

Dr Christine Cross

- Bachelor of Arts in Human Resource Management

Ms Judy Foley

- Certificate in Personnel Practice

Dr Claire Gubbins

- Taught Masters in Business Studies

Dr Denis Harrington

- Bachelor of Arts in Human Resource Management

Dr Sarah McCurtain

- Certificate in Personnel Practice

Ms Bridgid Milner

- Bachelor of Arts in Human Resource Management (Ord)
- Bachelor of Arts in Human Resource Management (Hons)

DEIS Department

Dr Anne Byrne

- Bachelor of Arts in Arts in Community Education & Development
- Bachelor of Arts (Hons) in Community Education & Development

Mr Aidan Warner

- Bachelor of Arts in Community Education & Development
- Bachelor of Arts (Hons) in Community Education & Development

Department of Educational Opportunities

Mr Conor Buckley

- Higher Certificate in Science in Good Manufacturing Practice & Technology

Dr Oliver Joyce

- Higher Certificate in Science in Good Manufacturing Practice & Technology

Department of Management & Marketing

Mr Dermot Cavanagh

- Module Extern - German

Mr Tom Coughlan

- Bachelor of Business
- Bachelor of Business (Hons)

Ms Deirdre Creagh

- Bachelor of Business

Ms Marian Duggan

- Higher Certificate in Business
- Bachelor of Business
- Bachelor of Business (Hons)

Mr James Fairhead

- Higher Certificate in Business (ACCS/F/T)
- Bachelor of Business in Marketing
- Bachelor of Business (Hons)

Ms Angela Feeney

- Bachelor of Business

Dr Declan Fleming

- Bachelor of Business
- Bachelor of Business (Hons)
- Bachelor of Business in Marketing

Department of Media Communications

Mr Alan Bennis

- Bachelor of Arts in Design Communications (Ord)

Dr Luigina Ciolfi

- MA in Media Design

Mr Brendon Deacy

- Bachelor of Arts (Hons) in Design in Visual Communications

Ms Helen Doherty

- Bachelor of Arts (Hons) in Multimedia

Mr Antony Johnston

- Bachelor in Arts (Ord) in Design Communications

Ms Sarah McCann

- Bachelor of Arts (Hons) in Multimedia

Ms Sorcha O'Brien

- Bachelor of Arts (Hons) in Visual Communications

Mr Mike Phillips

- MA in Multi Media

Mr David Smith

- Bachelor of Arts in Design in Visual Communications

Ms Niamh Ward

- Higher Diploma in Arts & Public Relations

Department of Social & General Studies

Mr Jack Bergin

- Bachelor of Business Recreation & Leisure
- PIMS - Module - Sports and Exercise Science

Ms Anne Fitzpatrick

- Bachelor of Arts in Early Childhood Care & Education

Dr Margaret Gilmore

- Bachelor of Arts in Social Care
- Bachelor of Arts in Early Childhood Care and Education

Dr Celesta McCann James

- Bachelor of Arts in Social Care

Dr Sinead McGilloway

- Bachelor of Arts in Social Care

Ms Miriam McGillicuddy

- Bachelor of Arts in Social Care
- Bachelor of Arts in Early Childhood Care and Education

Mr Colm O'Doherty

- One Year Certificate in Counselling Skills
- National Certificate in Counselling Skills
- Bachelor of Arts (Hons) in Counselling & Psychotherapy years 3 & 4

Dr Colm O'Doherty

- Bachelor of Arts in Early Childhood Care & Education

Ms Teresa Richardson

- Bachelor of Business Recreation & Leisure

Mr Tom Ryan

- One Year Certificate in Counselling Skills 4.5.2.1

- Higher Certificate in Counselling Skills 4.5.2.2

- Bachelor of Arts (Hons) in Counselling & Psychotherapy 4.5.2.3

- Bachelor of Arts (Hons) in Counselling & Psychotherapy 4.5.2.4

Mr Soren Bo Westring Christensen

- Bachelor of Arts in Social Care
- Bachelor of Arts in Early Childhood Care and Education

Department of Tourism & Hospitality Studies

Mr John Clancy

- Bachelor of Arts in Culinary Arts

Mr John Carey

- Bachelor Degree in Business Hospitality Management

Mr Donagh Davern

- Bachelor Degree in Business Hospitality Management

Dr Ivor David Hixon

- Bachelor of Arts in Culinary Arts

Ms Natasha Kinsella

- Bachelor of Business in Bar Management

Mr Martin Neville

- Bachelor of Arts in Culinary Arts
- Bachelor of Business in Bar Management

Ms Finian O'Driscoll

- Higher Certificate in Business Tourism

Dr Sinead O'Leary

- Higher Certificate in Business Tourism

FACULTY OF ENGINEERING & SCIENCE

Department of Applied Physics & Instrumentation

Mr Eamonn Burke

- Bachelor of Science in Applied Physics & Instrumentation
- Higher Certificate in Applied Physics & Instrumentation
- Bachelor of Science (Hons) in Applied Physics & Instrumentation

Dr Vincent Casey

- Higher Certificate in Science in Applied Physics & Instrumentation
- Bachelor of Science in Applied Physics & Instrumentation
- Bachelor of Science (Hons) in Applied Physics & Instrumentation

Mr Jim McComb

- Higher Certificate in Science in Industrial Measurement & Control
- Bachelor of Science (Hons) in Computerised Instrument Systems

Dr Norman McMillan

- Higher Certificate in Science in Industrial Measurement & Control
- Bachelor of Science (Hons) in Computerised Instrument systems

Department of Architecture

Mr Dermot Boyd

- Bachelor of Science (Hons) in Architecture

Prof. Jonathan Hill

- Bachelor of Science (Hons) in Architecture

Ms Elizabeth Kirby

- Bachelor of Science in Interior Architecture
- Bachelor of Science (Hons) in Interior Architecture

Mr Neville Knott

- Bachelor of Science in Interior Architecture
- Bachelor of Science (Hons) in Interior Architecture

Mr Gareth O'Callaghan

- Bachelor of Science in Architectural Technology
- Bachelor of Science (Hons) in Architectural Technology

Ms Sima Rouholamin

- Bachelor of Science in Architectural Technology
- Bachelor of Science (Hons) in Architectural Technology

Department of Biological Sciences

Mr Paul Cantwell

- Bachelor of Science in Biomedical Science

Dr Dilis Clare

- Bachelor of Science (Hons) in Herbal Science

Dr Don Faller

- Higher Certificate in Applied Biology
- Bachelor of Science in Food Science & Technology
- Bachelor of Science in Cell & Molecular Biology
- Bachelor of Science (Hons) in Applied Biosciences

Mr John Gibbons

- Bachelor of Science in Biomedical Science

Prof. William Gilmore

- Bachelor of Science (Hons) in Biomedical Science

Ms Coranne Heffernan

- Bachelor of Science in Biomedical Science

Ms Caroline Joyce

- Bachelor of Science in Biomedical Science

Ms Marian Manning

- Bachelor of Science in Biomedical Science

Ms Eithne Murphy

- Bachelor of Science in Biomedical Science

Mr Padraig O'Sullivan

- Bachelor of Science in Biomedical Science

Prof. Gary Walsh

- Higher Certificate in Applied Biology
- Bachelor of Science in Food Science and Technology
- Bachelor of Science in Cell & Molecular Biology
- Bachelor of Science (Hons) in Applied Biosciences

Prof. Elizabeth Williamson

- Bachelor of Science (Hons) in Herbal Science

Department of Chemical & Process Engineering

Prof. Peter Heggs

- Bachelor of Engineering (Hons) in Chemical & Process Engineering

Mr Michael Law

- Bachelor of Engineering (Hons) in Chemical & Process Engineering

Department of Chemistry

Dr Gabriel Keaveney

- Higher Certificate in Science in Chemistry
- Bachelor of Science in Analytical & Pharmaceutical Chemistry

Dr Cait Lane

- Bachelor of Science (Hons) in Analytical Chemistry with Quality Assurance

Dr Brigid O'Regan

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

Department of Civil, Structural & Environmental Engineering

Mr Peter L Anthony

- Bachelor of Engineering (Hons) in Structural Engineering

Mr Joseph A Kindregan

- Higher Certificate in Engineering in Civil Engineering
- Bachelor of Engineering in Civil Engineering

Mr John D Lapthorne

- Higher Certificate in Engineering in Civil Engineering
- Bachelor of Engineering in Civil Engineering

Mr Frank Maguire

- Solar Domestic Hot Water Systems - Level 6

Prof Padraic O'Donoghue

- Bachelor of Engineering (Hons) in Structural Engineering

Department of Computing

Dr Jim Buckley

- Bachelor of Science (Hons) in Software Development & Computer Networking

Mr Ken Carroll

- Bachelor of Science (Hons) in Software Development

Mr Killian Deasy

- Bachelor of Science (Hons) in IT Management
- Higher Certificate in Science in IT Support
- Bachelor of Science in IT Support

Mr James Greenslade

- Higher Certificate in Science in IT Support
- Bachelor of Science in IT Support
- Bachelor of Science (Hons) in IT Management

Ms Mairead Meagher

- Higher Certificate in Science in Computing
- Bachelor of Science in Computing

Dr Mel O'Kinneide

- Bachelor of Science (Hons) in Software Development

Mr Anthony O'Leary

- Bachelor of Science (Hons) in Software Development & Computer Networking

Dr James F. Power

- MSc in Software Development

Dr Bing Wu

- MSc in Software Development FT & ACCS

Department of Construction

Mr Seamus Brady

- Higher Certificate in Construction Studies
- Bachelor of Science (Ord) in Construction in Economics

Mr John Hanahoe

- Bachelor of Science in Construction Management
- Bachelor of Science (Hons) in Construction Management

Mr Eoin O'Neill

- Bachelor of Science (Hons) Quantity Surveying

Mr Gerry O'Rourke

- Bachelor of Science (Ord) in Construction Management
- Bachelor of Science (Hons) in Construction Management

Mr Paul Quinn

- Bachelor of Science (Ord) in Construction Economics

Mr Richard Malcolm Smith

- Bachelor of Science (Hons) Quantity Surveying

Department of Electrical Engineering

Mr Gerard Beecher

- Bachelor of Engineering in Electrical Engineering
- Bachelor of Science (Hons) in Electrical Power Systems

Dr Maeve Duffy

- Bachelor of Engineering in Electrical Engineering
- Bachelor of Science (Hons) in Electrical Power Systems

Department of Electronic Engineering

Mr David Denieffe

- Bachelor of Engineering in Applied Electronic Design
- Bachelor of Engineering in Communications Systems
- Bachelor of Engineering in Electronic Automation & Robotics
- Bachelor of Engineering in Electronic Engineering

Dr Sean Foley

- Bachelor of Engineering (Hons) in Electronic Engineering

Mr Paul French

- MEng in Communications Systems

Prof. Gerard Hurley

- Bachelor of Engineering (Hons) in Electronic Engineering

Dr Sean McGrath

- MEng/Postgraduate Diploma in Telecommunications Engineering

Dr Paula O'Sullivan

- Bachelor of Engineering (Ord) in Electronics

Mr Philip Quinlan

- Master of Engineering in Telecommunications Engineering

Department of Manufacturing, Biomedical & Facilities Engineering

Mr Paul O'Sullivan

- Higher Certificate in Building Services Engineering
- Bachelor of Engineering in Building Services Engineering

Mr Alan Bateman

- Bachelor of Engineering in Manufacturing Engineering
- Higher Certificate in Maintenance Technology
- Single Subject Module - Mechatronics

Dr Patrick Delassus

- Bachelor of Engineering in Manufacturing Engineering
- Higher Certificate in Maintenance Technology
- Single Subject Module - Mechatronics (Level 7)

Mr Neil Kingston

- Bachelor of Science (Hons) in Advanced Manufacturing Technology

Mr Kah Leong

- Single Subject Module - Six Sigma Green Belt (Level 7)

Dr Garrett McGuinness

- Higher Certificate in Biomedical Engineering
- Bachelor of Engineering in Biomedical Engineering

Mr Murtagh Murphy

- Higher Certificate in Biomedical Engineering
- Bachelor of Engineering (Ord) in Biomedical Engineering
- Bachelor of Engineering (Hons) in Biomedical Engineering – 1 Year (2008-2009)

Dr Paul O'Dowd

- Single Subject Module - Lean Practitioner (Level 6)
- Single Subject Module - Lean Practitioner (Level 7)
- Single Subject Module - Six Sigma Green Belt (Level 7)

Mr Joe Phelan

- Bachelor of Science (Hons) in Advanced Manufacturing Technology

Mr Martin Power

- Single Subject Module - Lean Practitioner (Level 6)
- Single Subject Module - Lean Practitioner (Level 7)

Dr Mervyn Smyth

- Bachelor of Engineering in Building Services Engineering
- Higher Certificate in Building Services Engineering

Dr David Fitzpatrick

- Bachelor of Engineering (Hons) in Biomedical Engineering
- Bachelor of Engineering in Biomedical Engineering – 1 Year Only

Department of Mathematics

Dr Brendan O'Regan

- Module Extern - Mathematics

Dr Paul Robinson

- Module Extern - Mathematics

Department of Mechanical Engineering

Mr Alan Bateman

- Higher Certificate in Engineering in Mechanical Engineering
- Bachelor of Engineering in Mechanical Engineering
- Higher Certificate in Engineering in Maintenance Technology

Mr Peter Clarke

- Bachelor of Engineering (Hons) in Mechanical Engineering

Prof. Robin Clarke

- Bachelor of Engineering (Hons) in Mechanical Engineering

Dr Eugene Coyle

- Bachelor of Engineering (Hons) in Sustainable Energy

Dr Patrick Delassus

- Higher Certificate in Engineering in Mechanical Engineering
- Bachelor of Engineering in Mechanical Engineering

Mr Neil Kingston

- Bachelor of Science (Hons) in Process Plant Technology
- Bachelor of Science (Hons) in Mechanical Engineering

Mr Richard Linger

- Bachelor of Engineering (Hons) in Sustainable Energy

Mr Joe Phelan

- Bachelor of Science (Hons) in Process Plant Technology
- Bachelor of Engineering in Mechanical Engineering

Mr Thomas Corrigan

- Bachelor of Arts in Transport Management & Technology

Mr Cian O'Brien

- Bachelor of Arts in Transport Management & Technology
- Higher Certificate in Engineering in Automobile Technology

CIT CRAWFORD COLLEGE OF ART & DESIGN

Mr Daniel Allen

- Bachelor of Arts (Hons) in Ceramic Design

Mr Robert Warren Chapman

- Higher Diploma in Art for Art and Design Teachers

Ms Felicity Clear

- Bachelor of Arts in Fine Art

Ms Fiona Crisp

- Bachelor of Arts in Fine Art (Ord)

Mr David Ferry

- Bachelor of Arts in Fine Art (Ord)

Mr Mike Fitzpatrick

- Bachelor of Arts (Hons) in Fine Art

Mr Francis Halsall

- Bachelor of Arts in Fine Art (Ord)
- Bachelor of Arts (Hons) in Fine Art

Mr Danny McCarthy

- Bachelor of Arts (Hons) in Fine Art

Ms Theresa McKenna

- Bachelor of Arts (Ord) in Fine Art Year 3

Ms Sorcha O'Brien

- Bachelor of Arts in Ceramic Design

- Bachelor of Arts (Hons) in Ceramic Design

Mr Leslie Reed

- Bachelor of Arts in Ceramic Design

Dr Chris Wood

- MA in Art Therapy

Ms Deirdre Ni Argain

- MA in Art Therapy

CIT CORK SCHOOL OF MUSIC

Mr Michael Alcorn

- Bachelor of Music (Hons)

Mr John Buckley

- Masters of Arts in Music (Taught)

Mr Michael D'Arcy

- BMus (Hons) Degree

NATIONAL MARITIME COLLEGE OF IRELAND

Capt. Shane Begley

- Higher Certificate in Science in Nautical Science

Lt Cdr Pat Burke

- Higher Certificate in Naval Leadership and Management (SPA)

Mr Walter Carpenter

- Bachelor of Business in Supply Chain & Transport Management

Dr Matthieu Duchemin

- Bachelor of Science in Nautical Science (Level 7 & 8)

Mr Paul Lyons

- Certificate in Sea Fisheries Protection and Enforcement

Lt Cdr Kenneth Minehane

- Certificate in Sea Fisheries Protection and Enforcement

Capt. Paul O'Regan

- Higher Certificate in Science in Nautical Science

Mr Niall O'Shaugnessy

- Bachelor of Engineering in Marine & Plant Engineering

Capt. Michael Purcell

- Bachelor of Science in Nautical Science incl. Hons programme

Mr Guus Verhagen

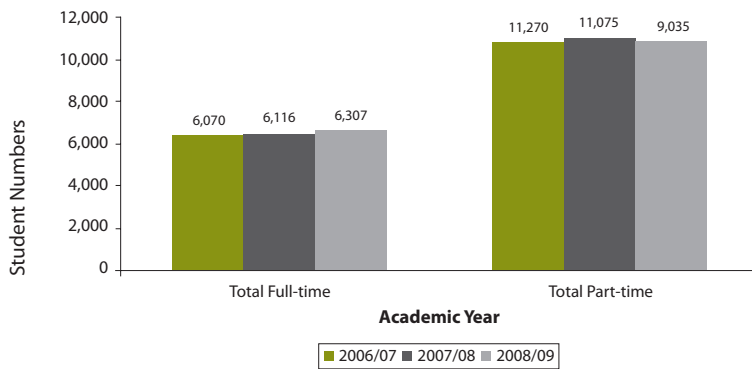
- Bachelor of Science in Nautical Science (Level 7 & 8)

3.9 Student Statistics

Enrolment Statistics for 2008/09 and the two previous years

	<u>2006/07</u>	<u>2007/08</u>	<u>2008/09</u>
Total Full-time	6,070	6,116	6,307
Total Part-time	11,270	11,075	9,035
OVERALL TOTAL	17,340	17,191	15,342

Enrolment Statistics for 2008/09 and the two previous years



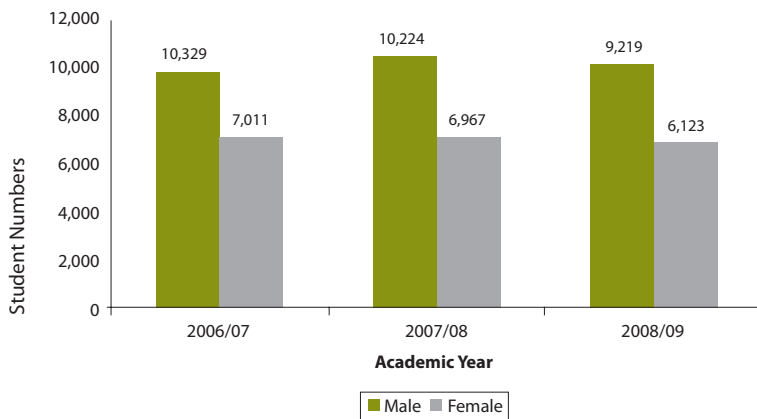
Enrolments by Gender & Attendance Mode for 2008/09

	<u>Male</u>	<u>Female</u>	<u>Total</u>
FULL-TIME			
Non-Mature	3,262	2,023	5,285
Mature	438	347	785
Fáilte Ireland	42	36	78
Disability	119	40	159
TOTAL	3,861	2,446	6,307
PART-TIME			
Fáilte Ireland	120	102	222
Apprentice	1,989	10	1,999
Evening courses	3,249	3,565	6,814
TOTAL	5,358	3,677	9,035
OVERALL TOTAL	9,219	6,123	15,342

Enrolment Statistics by Gender for three academic years

	<u>2006/07</u>	<u>2007/08</u>	<u>2008/09</u>
Male	10,329	10,224	9,219
Female	7,011	6,967	6,123
Total	17,340	17,191	15,342

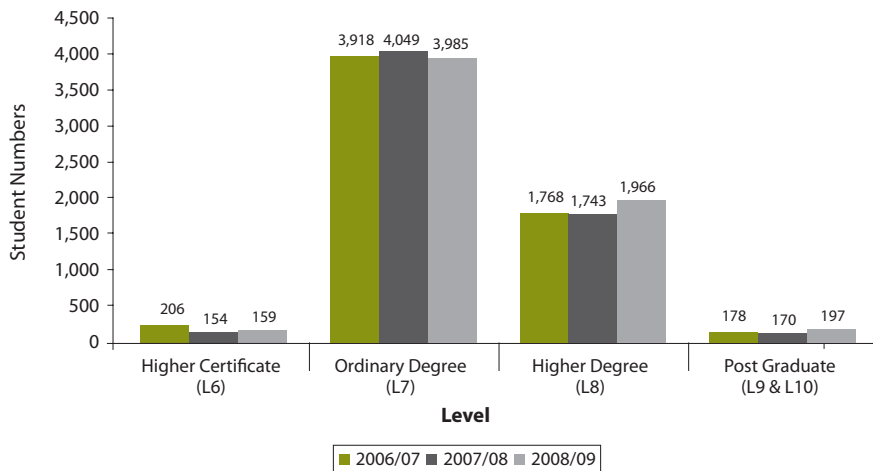
Enrolment Statistics by Gender for three academic years



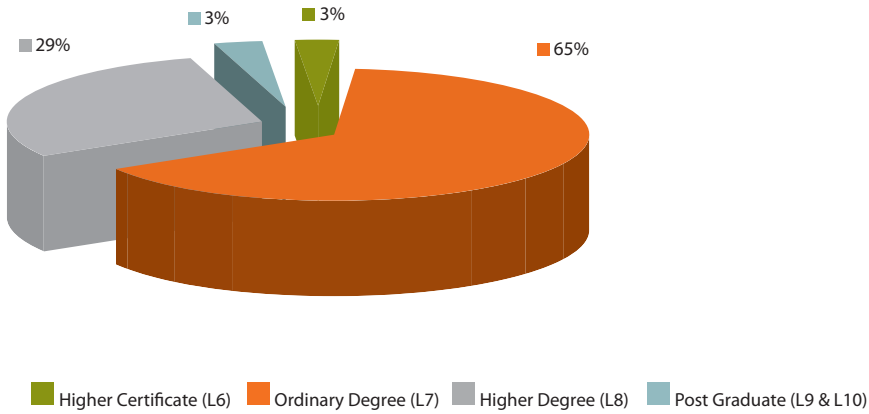
Analysis of Whole-Time Higher Certificate, Ordinary Degree, Honours Degree and Postgraduate Student Numbers

	<u>Higher Certificate (L6)</u>	<u>Ordinary Degree (L7)</u>	<u>Higher Degree (L8)</u>	<u>Post Graduate (L9 & L10)</u>	<u>Totals</u>
2006/07	206	3,918	1,768	178	6,070
2007/08	154	4,049	1,743	170	6,116
2008/09	159	3,985	1,966	197	6,307

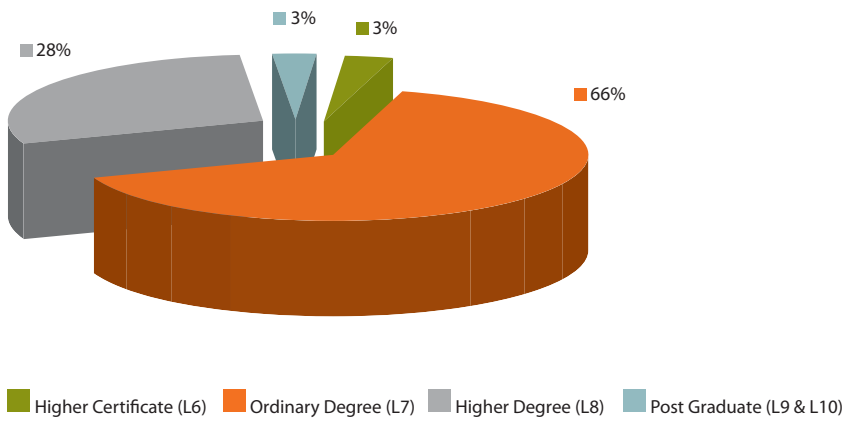
Whole-Time Student Numbers for three Academic Years 2006 - 2009



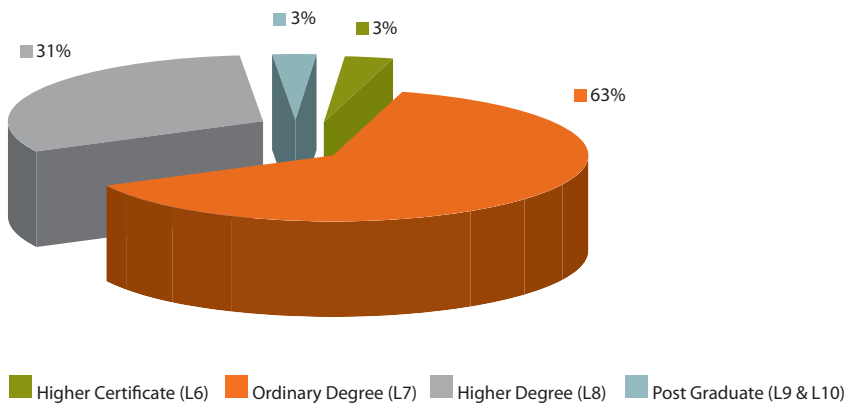
Whole-Time Third Level Courses 2006/07



Whole-Time Third Level Courses 2007/08



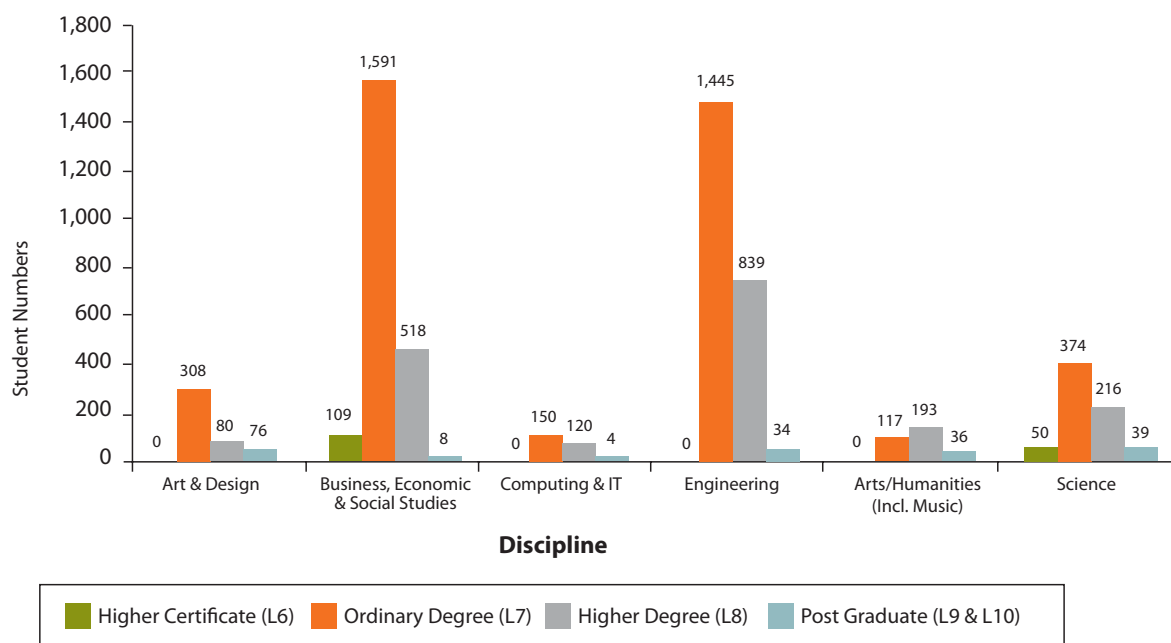
Whole-Time Third Level Courses 2008/09



Breakdown of Whole-Time Higher Certificate, Ordinary Degree, Higher Degree & Postgraduate by Discipline

	Higher Certificate (L6)	Ordinary Degree (L7)	Higher Degree (L8)	Post Graduate (L9 & L10)
Art & Design	0	308	80	76
Business, Economic & Social Studies	109	1,591	518	8
Computing & IT	0	150	120	4
Engineering	0	1,445	839	34
Arts/Humanities (incl. Music)	0	117	193	36
Science	50	374	216	39
Total	159	3,985	1,966	197

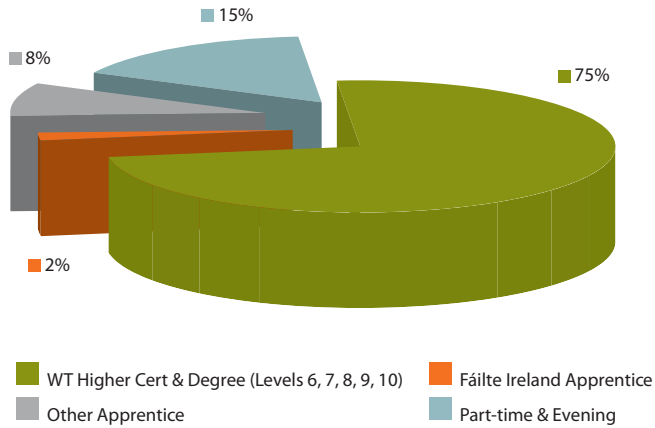
Breakdown of Whole - Time Higher Certificate, Ordinary Degree, Honours Degree & Postgraduate by Discipline



Student Percentage Distribution – Cork Institute of Technology

	<u>Actual</u>	<u>WTE</u>
WT Higher Cert & Degree (Levels 6,7,8,9,10)	6,307	6,307
Fáilte Ireland Apprentice	222	159
Other Apprentice	1,999	666
Part-time & Evening	6,814	1,254
	<u>15,342</u>	<u>8,386</u>

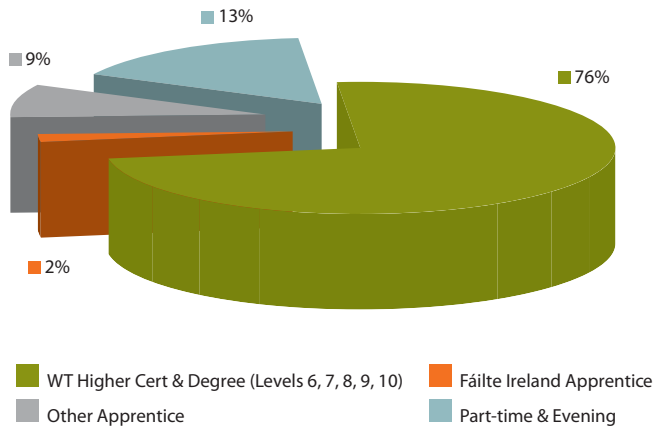
Student Percentage Distribution - Cork Institute of Technology



Student Percentage Distribution – Bishopstown Campus

	<u>Actual</u>	<u>WTE</u>
WT Higher Cert & Degree (Levels 6,7,8,9,10)	5,619	5,619
Fáilte Ireland Apprentice	222	159
Other Apprentice	1,999	666
Part-time & Evening	2,742	983
	<u>10,582</u>	<u>7,427</u>

Student Percentage Distribution - Bishopstown Campus



3.10 Student Prizes

1. Cork Institute of Technology Sailing Team on 31 October 2008 became World Champions after a week of intense competition at the Student Yachting Championships in La Trinite-Sur Mer, France. One hundred and forty students represented ten countries at the event and the CIT team consisted of

Nicholas O’Leary, School of Business
George Kennefick, School of Business
Joseph Bruen, School of Building & Civil Engineering
Grahame Durcan, School of Building & Civil Engineering
Aoife English, School of Humanities
Silvia Phelan, School of Humanities
Cian Twomey, School of Building & Civil Engineering
David Barnett, National Maritime College of Ireland
Adam McCarthy, School of Science

2. Conferings at CIT Cork School of Music
 - (i) CIT Cork School of Music Conferings took place on 3 November 2008. 41 graduands obtained their parchments.
 - (ii) IT Crawford College of Art & Design Conferings took place on 3 November 2008. 154 graduands obtained their parchments.
3. Conferings at CIT Bishopstown Campus
 - (i) 1,139 graduands obtained their parchments at the Faculty of Business & Humanities Conferings of Degree and other Awards on 7 November 2008
 - (ii) 1,022 graduands obtained their parchments at the Faculty of Engineering & Science Conferings of Degree and other Awards on 14 November 2008.

Amongst the students receiving degrees was **Eoin Burns**, who was conferred with a First Class Honours Degree in Construction Management. Eoin, from Bishopstown in Cork, has achieved this remarkable result, despite being profoundly deaf. He has been a student at CIT for five years, initially successful in undertaking the BSc in Civil Engineering and then transferring into the BSc in Construction Management. He then progressed to the BSc Honours in Construction Management.

4. CIT’s Mechanical Engineering graduate and Masters Degree student **Martin O’Riordan** won the title “Project Management Graduate of the Year 2008 – National Winner.” The award ceremony took place in Dublin on 20 November 2008. Martin was also certified as a “Project Manager” by the International Project Management Association (IPMA), having just graduated from the Institute of Project Management/UCC course, which is run in Cork, Dublin and Galway with approximately six classes across the three locations annually.
5. The following students from the Department of Tourism & Hospitality Studies performed at the Chef Ireland Open Competition at the Catex Bi-Annual Catering Exhibition in Dublin:

Lisa O’Brien Gold Medal and Overall Class Winner
 BA in Culinary Arts Silver Medal and Overall Class Winner
 (Pastries & Sweet) Bronze Medal in Modern Gateau

Ann Marie Magnier Grand Prix Prize
 BA in Culinary Arts Bronze Medal in Works in Fondant

Edward Hayden Bronze Medal in Hot Sweet
 BA in Culinary Arts

Holly O’Sullivan Bronze Medal in Works in Butter
 Chefs Programme

Lisa O’Brien was awarded the Pallas Food and DFG (Paris) Special Prize for Works in Pastry, and was awarded a scholarship to attend a specialised programme in Confectionery Chocolate and Sugar work in Paris later this year.

6. On 26 November 2008, the fourth annual Faculty of Business and Humanities Awards ceremony took place in honour of CIT’s highest achieving Business and Humanities graduates for 2008. This event was established to celebrate the achievements of its outstanding students and to acknowledge the contribution of many others who supported them. A total of 34 awards were presented across the Faculty.

Jonathan Webb, Bachelor of Business (Honours) in Information Systems was the first recipient of the Des Roche Memorial Award in memory of Mr Des Roche, Lecturer in Business Studies who sadly passed away in 2008.
7. A Masters student of CIT’s Department of Management and Marketing won the overall Safety and Environment Award, sponsored by The Chartered Institute of Logistics and Transport in 2008. **Brian Harman** conducted his research thesis on “The Application of Social Marketing in Reducing Road Traffic Collisions Among Young Male Drivers.”
8. **Magdalena Ciezka**, a final year student under the supervision of Dr Roy Sleator at the Biological Sciences Department in CIT, has been awarded a prestigious research fellowship by the Irish Research Council for Science Engineering and Technology (IRCSET). The award will provide funding for three years allowing Magdalena to pursue a PhD in the area of molecular biology and bioinformatics. The project will focus on *Enetrobacter sakazakii*, a dangerous food poisoning bacterium associated with powdered infant formula.
9. The presentation of the Sports Bursaries & Scholarships took place at the Oriel House Hotel, Ballincollig on 8 December 2008. In total, 60 CIT Sports Bursaries were awarded, 11 CIT/Munster Council GAA Scholarships, as well as 5 CIT/Highfield Rugby Bursaries.
10. On 15 January 2009, 33 students from the Faculty of Engineering were honoured at its Annual Prizegiving Ceremony. The recipients were selected as the highest achieving in their category in each of the eight departments in the Faculty.

11. On 3 March 2009 Tralee IT hosted the "IT Factor" where the judges were looking for Best Original Song and Best Cover Song for 2009. This competition was open to all the Institutes of Technology. These results were a double victory for CIT:

1st Place – **Triona O'Neill, Pierre O'Reilly and Jess Maderson** – Best Original Song. The three students are studying for a degree in music at CIT Cork School of Music.

1st Place – **Fiona Kelly** – Best Cover Song
Fiona is a second year student of Tourism.

12. The Team representing Cork Institute of Technology – 3rd year Degree students in Business Hospitality Management were this years winners of the Irish Hospitality Institute National Hospitality Business Management Game in Galway. In one of the toughest challenges in memory, they emerged victorious from among 13 other competitor teams representing University of Ulster, Institutes of Technology from Athlone, Waterford, Galway/Mayo, Dundalk, Dublin and Letterkenny, Griffith College Dublin and Fáilte Ireland's Trainee Management Development Programme for the top prize. The winning team were: **Aoife Walsh, Rachel O'Leary, Marie Griffin, James Smiddy and Julia Stroebele.**

13. The 8th CIT Prize for Innovation took place in the Nexus, Student Centre Courtyard on 13 March 2009. Student Entrepreneurs showcased their businesses during the exhibition and €10,000 was awarded to the winning entries. The Cork County and City Enterprise Boards sponsored the competition in addition to cash prizes.

The winners of the CIT Prize for Innovation were:

	Prize	Company Name	Department(s)
1st Prize and title of CIT Entrepreneur of the year	€5,000	Rigi-Jig	Mechanical Engineering
Runner-up	€1,000	My Caring Bear	Electronic Engineering
Most Technically Innovative	€2,000	Coolab	Mechanical Engineering
Best Business Plan	€1,000	Aether	Mechanical Engineering
Best Exhibition Stand	€1,000	Lilly Publications Creative Design	Social & General Studies Media Communications

14. The Finals of the National Skills Competition 2009 took place at the Institute on week beginning 30 March 2009. This year also marked the 30th anniversary of the World Skills Competitions which were held at the Institute in 1979. This year over 70 competitors competed for the Department of Education and Science Silver Medal in twelve skills (Carpentry, Construction Plant Fitter, Cookery, Electrical Installation, Industrial Control, Joinery, Mechatronics, Metal Fabrication, Painting & Decorating, Refrigeration, Welding and Plastering). The Award Ceremony took place on 3 April 2009 and the following CIT students won 8 of the 12 National Skills Competition.

Skill	Winner	Lecturer
Carpentry	Barry Dennigan	Sean Lannon
Cookery	Colm O'Sullivan	Liam Noonan
Construction Plant Fitter	Alex Wright	Patrick Twomey
Industrial Control	Eric Cunneen	Ray Looney
Metal Fabrication	Brian O'Flynn	Tim O'Halloran
Plastering	Matthew Keating	Thomas Reidy
Refrigeration	Thomas Sheehy	David O'Riordan
Welding	Paul Savage	William Irwin

15. The Cork Institute of Technology/AIB Student Societies & Activities Awards took place on 2 April 2009. In all, eleven awards were presented, four group and seven individual.

16. On 21 April 2009, the CIT Engineering Technologists and Innovative Engineer of the Year 2009 competitions took place in the Daniel Maclise Theatre IT1, Cork Institute of Technology. Following a highly informative and entertaining series of project presentations to a distinguished group of industrial judges, the results of the competitions were announced by the Chairman of the adjudication panel, Dr Niall Smith, Head of Research, CIT and are as follows:

Innovative Engineer of the Year 2009 Competition

First Place - Student **William Holland**
"Outsole Design for the Enhancement of Support and Performance in Sports Footwear"
Supervisor: Dr Hugh O'Donnell

Second Place - Student **Stephen Purdon**
"Agitator Current as a means of Measuring Moisture Content in Dryers"
Supervisor: Mr Cilian Ó Súilleabháin

Joint Third Place
Finalists - Student **Eoin Deasy**
"A Technical, Economic and Environmental Analysis of Recycling"
Supervisor: Dr Niamh Power

- Student **Brendan O'Brien**
"MEMS Fuse/Macro Fuse Testing"
Supervisor: Dr Martin Hill

Engineering Technologists of the Year 2009

First Place - Students **Jason Condron, Stephen Forde, Ronan O'Donoghue and Myles Murray**

"Poppet Valve Spring Stiffness Determination"
Supervisor: Dr Keith McMullan

Second Place - Student **Colm O'Brien**
"Automated Home/Office Environment through Intelligent Tags"
Supervisor: Mr Fergus O'Reilly

Joint Third Place Finalists - Students **Eoin McCarthy, Martin O'Leary, Benjamin O'Mahony, Etienne O'Sullivan**

"Pipe Rotating Device Design and Development"
Supervisor: Lecturer Tony Kelly

- Students **Nick Lilly, Damian O'Flynn, Sarah Prendergast**
"Post Polio Syndrome Ankle Support"
Supervisor: Dr Hugh O'Donnell

- 17. On 23 April 2009 at a pleasant function held at the Cork International Airport Hotel, 4th Year Business Studies student **Paul Kerrigan** was the recipient of a "Southside Sports Award" for the month of February. Following Paul's magnificent exploits for CIT during the Sigerson campaign, this award is well deserved.
- 18. Eighteen graduates of Taught Master of Business Studies (MBS) were conferred at a ceremony at CIT on 24 April 2009. This was the first occasion in which graduates from the Faculty of Business and Humanities were being conferred with a Masters Degree which was attained through a combination of a taught programme and a major research dissertation.
- 19. The Annual CIT Institute Prizegiving Ceremony took place on 28 April 2009 in the Council Room, Administration Building. This event celebrated the highest level of achievement of students in the three taught level of courses in the Institute (Degree, Honours Degree and Taught Masters).
- 20. **Tommy Hannon** and **Adam Lyczakowski**, final year students in the BA in Multimedia, this year were runners up in the Accenture Academic Innovation in Computing Award. This competition was open to all final year undergraduate or postgraduate students in Ireland whose project demonstrated innovative thinking in the area of technology and computing.
- 21. The CIT/CMP Milk Sports Awards Ceremony took place on 6 May 2009 at Oriel House Hotel, Ballincollig, Co. Cork.

The following students received awards:

Paul Kerrigan – 4th Year Business Studies, Award for Gaelic Football

Lisa Brick – 3rd Year Architectural Technology, Award for Rugby

Sharon Buckley – 3rd Year Social Care, Award for Tae Kwon Do

Jonathan O'Keeney – 1st Year Business Studies, Award for Racquetball

Nicholas O'Leary – 4th Year Business Studies, Award for Sailing

Julie McGrath – 3rd Year Sustainable Energy, Award for Camogie

Robert Troy - 1st Year Sustainable Energy Technology, Award for Karate

Stephen Mannix – 4th Year Business Studies, Award for Gaelic Football

Chris Murphy – 4th Year Business Studies, Award for Hurling

Fresher of the Year Award – **Lorcan McLoughlin**, 1st Year Recreation and Leisure, Award for Hurling

Club of the Year – the Gaelic Football Club

Graduate Achievement Awards – **Jason and Mark Black** of Cork Harlequins and Irish Hockey fame

International Achievement Award x 9
Student Yachting World Champions 2008

Nicholas O'Leary, George Kenefick, Joseph Bruen, Silvia Phelan, Aoife English, Grahame Durcan, Dave Barnett, Cian Twomey and their coach, CIT graduate

Adam McCarthy.

- 22. Four major awards for CIT were won at the Enterprise Ireland/Invest Northern Ireland Student Awards Final 2009, which took place throughout 9 and 10 June 2009 in the University of Ulster, Coleraine.

The awards were as follows:

Cruickshank Most Technologically Innovative Product €7,500 Award

Winner: Vision RETM of Cork Institute of Technology
"Terrain/Obstacle Detection System for the Visually Impaired"

Etaoin Ni hAilpin – Business Studies

Norma Downing – Business Studies

Kieran O'Callaghan – Mechanical Engineering

Enterprise Ireland/Invest Northern Ireland Solving Problems for Industry €7,500 Award

Winner: NebulaerTM of Cork Institute of Technology
"Nebuliser Noise Attenuation System Development"

Ciara McKenna – Biomedical Engineering

Luke Crowley – Mechanical Engineering

Kevin Gilmartin – Mechanical Engineering

William Murray – Mechanical Engineering

Enterprise Ireland-Invest Northern Ireland €2,500 Award of Excellence

Joint Winner: Rigi-JigTM of Cork Institute of Technology
"Innovative Engine Tool Development"

Fiona Hedderman – Mechanical Engineering

Damian Buttimer – Mechanical Engineering

Dave Cronin – Biomedical Engineering

William O'Shea – Mechanical Engineering

23. Students from Cork Institute of Technology received an award for their part in an initiative to encourage third-level business innovation. The group was presented with the Kingsley Hotel Perpetual Trophy at a ceremony in the hotel for a marketing project completed as part of CIT's taught Masters programme. "Lets Get Heads in Beds" an innovative marketing programme designed to increase hotel trade was the brainchild of CIT students **Rachel Buckley, Kate O'Neill, Noreen O'Mahony, Patricia O'Leary and Valerie Foley.**
24. Following a long day of presentations and prototype demonstrations before a distinguished adjudication panel at Engineers Ireland Headquarters, Ballsbridge, Dublin throughout 22 June, Cork Institute of Technology Final Year Bachelor of Engineering in Electronic Engineering Student Artificer **Colm O'Brien** of the Naval Service was awarded First Place and declared Winner of the Siemens Engineers Ireland Innovative Student Engineer of the Year 2009 Award. Colm's Final Year Project, inspired by the needs of an elderly relative, concerns the design and development of an Automated Home/Office Environment through Intelligent Tags and was carried out under the supervision of Lecturer Fergus O'Reilly.
- There were four CIT submissions short-listed for the competitions which accounted for four of the eight short-listed national projects.
25. CIT/UCC Cork Centre for Architectural Education student **Conn O'Farrell** wins the Architectural Association of Ireland Student Competition. The competition, which was open to second year Architecture students, called for "Proposals for the Sustainable Housing of the Dead." Conn's entry was chosen from approximately 250 entries from the seven Schools of Architecture in Ireland. Conn was presented with a certificate and a prize at the AAI Awards ceremony in Dublin.
26. **Marlene Clark** (Year 1, BEng (Hons) in Chemical & Process Engineering) was awarded the Denise O'Dea Perpetual Trophy for the best project, which included an oral presentation. Marlene's project title is "Global Warming, the Chemical Industry and our Future Lifestyle". The Denise O'Dea Perpetual Trophy was presented by Denise's parents in her memory. Denise was a graduate of BEng (Hons) Chemical & Process Engineering.

research & development

Cork Institute of Technology

- 4.1 *Development Activities*
- 4.2 *Research Activities*
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4.1 Development Activities

CIT is committed to assisting entrepreneurs and new business start-ups and also provides supports and opportunities to existing companies to progress their companies to the next level. In addition to the Rubicon Centre, the Institute runs a number of programmes and courses to help entrepreneurs at different stages of company development.

Rubicon Centre

The Rubicon Centre is home to over 40 knowledge based start-up companies, employing approximately 150 people and hosts the largest concentration of start-up companies on the island of Ireland. In 2007, a second incubation facility was established to accommodate the demand for Rubicon incubation space. Clients based at the Rubicon are at different stages of development, from concept stage to completing their first customer orders and many are already trading on the international market.

In the Spring of 2009, Enterprise Ireland approved a grant of €1.782m for an extension to the existing building which is expected to be fully operational by June 2010, increasing total on campus incubation space to 2,100 sq. metres. This expansion enlarges the footprint of business incubation and innovation on the CIT Campus and sends a clear message to staff and students that entrepreneurship is an important activity which is worth participating in and supporting. The expansion of the Centre coincided with the construction of the NIMBUS Research Centre and has allowed for the interaction between the two centres to be designed in to both buildings. On 8 December 2008, the Rubicon held an event to mark Global Incubation Day on campus, a series of talks were given in the Rubicon to CIT staff by entrepreneurs.

There are many synergies between the academic activity within the Institute and the commercial activity of the Rubicon Clients. CIT students are exposed to the commercial world with live case studies, work experience, project work and entrepreneurial role models. The Rubicon clients benefit from the transfer of skills and knowledge of staff and the input from student projects. CIT's Technology for Embedded Computing Centre (TEC which is part of NIMBUS) has become the research and development partner for many of the Rubicon companies. Many of the Rubicon companies engaging with CIT avail of the Enterprise Ireland Innovation Vouchers.

In August 2009, the Rubicon website (www.rubiconcentre.ie) went live and provides a portal to existing and potential clients and includes information on the different programmes of support available to start ups and entrepreneurs depending on their stage of development. These include the **Enterprise Start Programme**, the **Genesis Enterprise Programme** and the **Solas Network**.

Genesis Enterprise Programme

This programme has been running since 1997 and to date 160 entrepreneurs have been supported by the programme.

This year a major survey was carried out to measure the outputs from this programme which is run by CIT and is a partnership with Enterprise Ireland, the Cork City and County Enterprise Boards, UCC and Cork BIC. The survey covered the participants who completed one of the eight Genesis Enterprise Programmes between 1998 and 2007. Key findings included, 79% had established businesses and were actively involved in their development; these companies employed over 1,100 staff had over €60m in annual revenues with over €32m of this from international sales. Thirty two of the businesses from this period have gone on to receive formal designation as Enterprise Ireland High Potential Start Ups (HPSU) and in addition some former participants are now part of the management team of other HPSU's. The programme has a significant impact in the Cork area in terms of business start-ups. In turn, many of the Genesis "graduate" companies have gone on to hire CIT graduates, they are a regular source of placements for CIT students and many have collaborative and contract research projects with CIT. Third party recognition of the work of Genesis validates the efforts of CIT and its partners on the programme. Genesis companies consistently perform well in national competitions and this year's winners were:

Fuse Broadcasting (Gavin Payne & Brian Corish) Shell LiveWire National Winner

Wavebreak Media (Sean Payne) Inter Trade Ireland Seed Corn Emerging Company of the year (Munster Region)

Exigent Networks, Best Start up Munster Region, Ulster Bank Business Achievers Award.

Enterprise Start

During this year, CIT continued to run the Enterprise start programme which was sponsored by Enterprise Ireland. Enterprise Start helps potential entrepreneurs to make decisions regarding the feasibility of their idea and gives insights into the essential elements involved in creating a new enterprise. At the end of the programme, each participant is given the opportunity to present their business plan to a panel of experts. Participants also obtain advice and support on where to look for further assistance in developing their business idea. On completion of the programme approximately 80% continue developing their business concept either on a part-time or full-time basis.

This Programme is also used in company closure situations and a number of programmes have been completed where multi-national companies are faced with reducing their headcount. As a result of the Enterprise start programme run by CIT for Motorola employees last year, six companies have been started in Cork. Many of the staff employed by these companies are former Motorola employees also. To date, over one hundred and seventy participants have gone through this programme. In addition, CIT also ran an information event outlining Enterprise Start and other supports for starting your own business, for a number of companies facing redundancies. These were run in conjunction with Enterprise Ireland for Tyco, Pzifers and GSK.

Innovation and Technology Transfer

As part of the implementation of CIT's Knowledge Transfer Strategy (part of CIT Research Strategy 2011) and to support the increased interaction with industry, the Industry Liaison Office put in place a dedicated technology transfer resource. The increase in the level and types of engagement with companies undertaken by the three Applied Research Enhancement Centres (TEC, CAPP & MEDIC) also indicated that a full time resource was required. In the first six months, the level of disclosure and patenting activity increased substantially and a number of specialist training programmes were provided to staff including, Intellectual Property for Researchers, Intellectual Property Licensing for Researchers and Innovation Training for Researchers. This investment is projected to lead to CIT's commercialisation activity increasing with a number of licenses and some spin out companies expected over the next few years.

Industry Support and Course Development

CIT continues to work with companies in terms of course design and delivery. For example, the Institute's Computing Department, in partnership with EMC, are developing a BSc in Cloud Computing. In the last 3 years, CIT successfully completed in excess of 50 FÁS funded and contracted courses for employees from a range of industry sectors across a wide range of disciplines to a value in excess of €1 million. CAMMS, the Centre for Advanced Manufacturing & Management Systems, is a recognised training provider for continuing professional development and is attached to the Manufacturing, Biomedical, & Facilities Engineering Department in the Institute. The Centre has been in existence for over 19 years, over which time a strong suite of night time programmes have been developed. In addition to Six Sigma and Lean programmes, CAMMS specialises in high-tech niche courses, including suites of programmes in Manufacturing/Quality, Process Control & Automation, Project Management, Biomedical Engineering & Sustainable Energy. CAMMS is an active member of EU IEAA (Intelligent Energy Executive Agency) TRAINENERGY project, which aims to train sustainable energy principles to trainers and craftsmen across the EU. It caters for approximately 500 learners from industry on an annual basis.

CIT Prize for Innovation 2009

The CIT Prize for Innovation took place in the Nexus Student Centre Courtyard on 13 March 2009 with a keynote address from Dr Edward de Bono. "Entrepreneurs" (16 groups with 60 students involved) showcased their businesses during the exhibition and a total prize fund of €10,000 was awarded to the winning entries. The Cork County and City Enterprise Boards sponsored the competition and in addition to the cash prizes a perpetual cup was on display in the Department of Mechanical Engineering.

The Institute also hosted the Cork Schools Enterprise Programme to coincide with its "Prize for Innovation". The Cork Schools Enterprise Programme aims to educate second level students about the realities of setting up and running a business.

The winners from the CIT Prize for Innovation were entered into the All Ireland Student Awards, offering third level students across Ireland the chance to compete for the coveted title of **College Entrepreneurs of Year** and win a share in the prize fund of €65,000. CIT has an excellent track record in this competition taking the overall prize in 2004, winning the Cruickshank & Co Technology Innovation Award in 2005, taking a College Award in 2006, winning the overall prize in 2007 and again winning the Cruickshank Technology Innovation Award in 2008.

In the 2009 All Ireland Student Awards, CIT won the following awards:

- Most Technologically Innovative Product **Prize: €7,500** with access to a €20k Intellectual Property Consultancy Service
- Solving Problems for Industry **Prize: €7,500**
- Award of Excellence **Prize: €2,500**

Strategic Innovation Fund (SIF)

CIT leads two major projects funded under the HEA's Strategic Innovation Fund, the SIF Cycle 1 Education in Employment project and the SIF Cycle 2 Roadmap for Employer-Academic Partnership (REAP) project. Both projects continue to develop and expand the partnership engagement between employers and higher education institutions. Between the two projects there are two Universities and nine Institutes of Technology involved. A considerable body of work completed under the Education in Employment project ensuring that the learning provision is made more accessible and relevant for workplace learners and employers encompassing Recognition of Prior Learning (RPL) and Work-based Learning (WBL) has ensured a considerable development of capacity and capability throughout the sector. Four major reports developed under this project are available on the project website www.eine.ie. The project has contributed to a number of national and international conferences on RPL, WBL and lifelong learning issues.

The main aims of the REAP project are in the exploration of the potential of the full range of partnership engagement, through workplace learning needs analysis, review of partnership models, development of specialist courses, exchanges of staff between higher education institutions and workplaces and the development of professional postgraduate pathways. A collaborative report on the Learning Needs of selected sectors has been published and work is underway on a report on the Cooperative Placement of undergraduate students which will include a set of good practice guidelines for learners, employers and Higher Education Institutions.

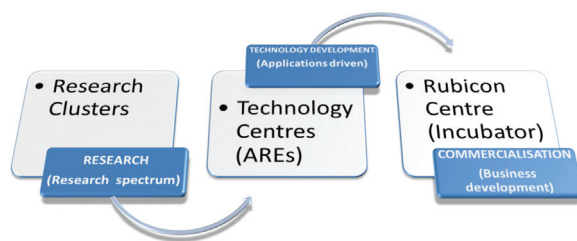
In exploring engagement and exemplars of good practice the REAP project has planned a major conference titled Higher Education Institutions and External Engagement – Partnerships for Progress which will explore the Scope, Management and Measurement of these 'Third Mission' activities in the Higher Education Sector in Ireland. The conference is scheduled to take place in Farnleigh House in September 2010.

4.2 Research Activities

Research and Development Activity – General

In the academic year 2008/09 Institute researchers won €12.3m in externally-funded research awards. They published approximately 175 conference papers (more than 60% being peer-reviewed), and 94 peer-reviewed journal papers; gave approximately 87 invited presentations; engaged with over 300 companies in R&D projects and completed over 300 undergraduate projects with industrial partners.

Innovation Ecosystem



CIT has developed an Innovation Ecosystem which coordinates the flow of activity from fundamental research in the three Strategic Research Clusters through the Technology Centres and on to the stage of commercialisation. The Innovation Ecosystem is to become the branded face to CIT research and innovation activity.

CIT@Tyndall

In September 2008, the Minister for Education and Science, Mr Batt O’Keeffe T.D., unveiled a plaque at the Tyndall National Institute to mark the successful research collaboration between Tyndall National Institute and Cork Institute of Technology.

Twenty-one researchers from CIT, including 14 PhD students, are based at Tyndall National Institute, UCC, under an agreed MOU signed by Dr Brendan J. Murphy, President, Cork Institute of Technology and Prof. Roger Whatmore, CEO, Tyndall.

Speaking at the ceremony, Minister O’Keeffe said “that pooling and optimising institutional resources and infrastructures throughout Ireland would ensure rapid progression in delivering value from our research to Irish industry. On this occasion, I would like to announce the first ever fabrication of quantum dots for telecommunications technologies in Ireland by a team of researchers lead by Dr. Guillaume Huyet of CIT”.

“Quantum dots are extremely small structures which can be used to emit light in a much more efficient and reliable manner than current technologies. Using light to transmit broadband internet and telephone signals allows far greater speed and capacity than the traditional copper wires and electrical signals. To achieve this goal, world-leading researchers at Tyndall and CIT have developed a number of devices for

manipulating light which can benefit from these quantum dot structures. This development represents an important milestone for the consolidation of Ireland’s position as one of the European leaders in photonics research,” said Minister O’Keeffe.

Dr Brendan Murphy, CIT President, said: “The CIT/Tyndall experience of cross-disciplinary and inter-institutional co-operation is a mutually beneficial and efficient way of achieving our goals. We have demonstrated the value of such co-operation and we are exploring other similar collaborations. The collaboration not only enhances the quality of our Institution’s research, but also the quality of teaching at postgraduate and undergraduate levels”.

NIMBUS RESEARCH BUILDING

Work continued on the construction of the NIMBUS Research building funded under PRTL I V at a total project cost of €13.6m. A key element of NIMBUS is the close connection between its staff and those from industrial, enterprise and medical facility partners. Dedicated laboratory space for visiting researchers from industry, and office space to accommodate them during their work in NIMBUS have been designed into the building from the outset.

POSTGRADUATE NUMBERS

The current number of researchers is listed in the table below:

PhD students	56
Full-time	50
Part-time (Total numbers and FTE)	06
Masters by research students	117
Full-time	91
Part-time (Total numbers and FTE)	26
Postdoctoral Researchers	07

The statistics represent a 6% increase in the number of registered PhD students compared to 2007/08 and a 4% increase in the number of full-time registered research-Master students.

Applied Research Enhancement Centres

The **CAPPA** Centre (**C**entre for **A**dvanced **P**hotonics and **P**rocess **A**nalysis) which had been funded to the amount of €1.25m by Enterprise Ireland moved into its laboratories in G-block, close to the centre of the campus. In 2008/09 CAPPA was awarded a total of €665k funding, including 2 Innovation Partnerships (Alcon and Abbott/NUIG), 1 Feasibility Study (Epi-Light) and 1 Proof of Concept (IDEAL).

The **MEDIC** Centre (**M**edical **E**ngineering **D**esign and **I**nnovation **C**entre) moved into its laboratories in B-block, integrated into the heart of the Department of Manufacturing, Biomedical & Facilities Engineering.

Visiting Walton Fellow

Walton Fellow Prof Evgeny Viktorov, from the State Optics Institute, St Petersburg, Russia joined the Photonics Strategic Research Cluster for a period of 9 months.

Centre for Advanced Therapeutic Engineering (CREATE)

The concept of the **Centre for Advanced Therapeutic Engineering** was developed in preparation for an expected PRTL V call in 2009. The vision of CREATE is to assemble a multidisciplinary collaborative research team combining the three areas of biosciences, biomedical technologies and advanced bio-imaging to drive research in Advanced Therapeutic Engineering. Ultimately, the objective of CREATE is to house the three areas in a single building, but in advance of that CREATE is already operational through scheduled meetings of the various stakeholders.

CREATE's three complementary research strands provide convergence on translational health research across the spectrum from patient care to product development. **Bio-molecule discovery** involves peptide analysis & engineering including bio-informatics & molecular diagnostics, focusing on therapeutic applications in infectious disease, gut health and cancer. **Biomedical engineering** concentrates on implant technology platforms, including SMART surgical devices, post-operative rehabilitation and biomaterials for in-vivo therapy and regeneration, partnering with clinicians and industry. **Advanced imaging** focuses on developing new devices for optical imaging applications in biomedical and process analysis in partnership with industry and academia.

CREATE has targeted a number of areas which have been identified as critical to the development of our national R&D capacity, such as "basic biomedical sciences, information technology, bioengineering and drug development" and, as a consequence will directly support and provide specialists for these sectors in which R&D growth has been prioritised. It will play an important role in supporting and enhancing key regional industries, specifically the bio-pharma and biomedical device industries which rely on innovative ideas and highly skilled graduates. Through a carefully planned and managed programme of access to the facility by HEIs and industry, CREATE will help to strengthen the R&D capacity in the region and nationally.

CIT researchers can now benefit from the "CREATE ADVANTAGE" in which applications for funding or collaborations with industry gain the added value of having ready access to multidisciplinary laboratories and experts across a number of disciplines.

Supervisor Training

The Institute has been working on formalised training for supervisors within a NAIRTL programme. Development of some of the initial material is complete and the first supervisor training is expected to take place in 2010. Supervisor training is seen as a key element in the Institute's Innovation Ecosystem.

Structured PhD's

Structured PhD's will likely become the norm in CIT within the next few years and in preparation for this CIT has been centrally involved in the SIF-funded "Research Alliance" project. The Alliance's primary objective is to generate a suite of generic skills modules (6 core modules) that can be taken by PhD students as part of their programme. CIT is preparing the Research Management module.

Current areas of Specialisation and Expertise

Notwithstanding the significant expertise within the three Strategic Research Clusters, a noteworthy aspect of Research and Innovation in CIT in recent years is the continuing activity of a number of research groups who are now making a significant contribution to their various fields of activity. The Institute has a significant opportunity to support Ireland's Smart Economy in the areas of "Energy" (especially marine-related energy generation and biofuels) and "Climate Change".

There are currently twelve active research groups operating in departments across the Institute in addition to individual research supervisors.

Some of the main research areas are as follows:

- Telecommunications, Adaptive Wireless Systems
- Molecular Biology/Applied Molecular Genetics, Environment (Marine and Freshwater), Bioanalytical Methodology, Medical Diagnostics, Food Safety and Product Quality
- Ecotoxicology, Proteomics, Pollution Monitoring & Control, Clean Production Technologies, Sustainable Development, Environmental Management and Air Quality
- Surface Physics, Materials Science, Nanotechnology, Computerised Instrumentation, Biophysics, Astrophysics, Photonics/ Optics
- Electronic Engineering: Modern Signal Processing, Adaptive Control, Applications in Communication Systems, Electronic Power Systems, Software Engineering, Optoelectronics
- Mechanical Engineering, Fatigue Analysis, Renewable Energy, Aluminum Alloys, Turbine Component Measurement, Biofuels and Biomedical Engineering
- Software Development, Neural Networks
- ICT in Education, Web-based Learning, Digital Media, Work-based, Open and Distance Learning, Certification/Qualification frameworks and Skill/competency needs analysis
- Social Care
- Art and Design - new and native materials (ceramics and foundry research).
- Music (20th century Irish Composers)

This research is in addition to research and consultancy undertaken within Technology Centres in the Institute. These centres are national resource centres and provide independent expertise, advice and assistance to different sectors of industry, business and government bodies. They include:

- The **Centre for Surface and Interface Analysis**. This Centre is a specialist facility for the analysis of the surfaces and interfaces of materials. A major focus of the CSIA at present is the development of a point-of-care monitor for the healthcare sector.
- The **Centre for Advanced Manufacturing and Management Systems (CAMMS)** provides individuals and companies opportunities to study for and obtain professional qualifications in specific areas as well as research and consultancy services to a range of industries in areas such as plant layout and process optimisation.
- The **Clean Technology Centre (CTC)** was formed in response to the growing need for better environmental performance in industry and society and the need to minimise waste at source as opposed to waste treatment and disposal. This centre provides training and consultancy to industry as well as research into cleaner production technologies, waste classification and waste minimisation, at national and EU levels. In 2008/09 the turnover was approximately €0.8m.
- **Blackrock Castle Observatory** continued its very strong performance as a national promoter of science and engineering, with over 40,000 visitors in 2008. The observatory was the most popular educational destination in Cork City and County for second-level students, and it hosted a large number of high-profile events, promoting science in society, local and national knowledge-based industries and art and heritage.

4.3 External Development Links

During the year the Institute continued to foster and promote links with external organisations and institutions both nationally and internationally. These included:

- IDA
- FÁS
- Enterprise Ireland
- Cork City Enterprise Board
- South Cork Enterprise Board
- North Cork Enterprise Board
- CorkBIC
- Cork Chamber of Commerce
- it@cork
- Cork Electronics Industry Association

International Activities

Lifelong Learning Programme: Erasmus

During 2008-2009, the activities under the LLP Erasmus programme continued to develop. Cork Institute of Technology has been awarded an Extended Erasmus University Charter for the period 2007-2013, which enables the Institute to apply for mobility funding to finance and operate student study exchanges and placements, as well as academic staff exchanges and staff development visits on an annual basis.

Funding totalling €139,388 was received from the HEA (Erasmus National Agency) for mobility activities to take place during the period from 1 June 2008 to 30 September 2009.

During 2008 to 2009, a total of 135 students participated in the Erasmus Study Exchange programme.

Sixteen Erasmus academic teaching visits were also carried out. The LLP Erasmus programme funded overseas placements for 29 CIT students during the academic year 2008-2009. Erasmus support was also secured to fund an Erasmus Preparatory Visit to the UK, involving the CIT Crawford College of Art & Design.

The following Departments/Colleges were involved in the exchange programme during the academic year:

- Department of Accounting & Information Systems
- Department of Applied Physics and Instrumentation
- Department of Architecture
- Department of Biological Sciences
- Department of Civil and Structural Engineering
- Department of Construction
- Department of Chemical & Process Engineering
- Department of Chemistry
- CIT Crawford College of Art & Design
- CIT Cork School of Music
- Department of Electronic Engineering
- Department of Computing
- Department of Management & Marketing
- Department of Mechanical Engineering

- Department of Media Communications
- National Maritime College of Ireland
- Department of Social & General Studies
- Department of Tourism & Hospitality Studies

Exchanges took place with partner institutions in the following countries: Austria, Denmark, France, Finland, Germany, Sweden, The Netherlands, Spain, Belgium, Poland, UK, Czech Republic, Italy, Hungary, Greece and Romania.

CIT currently has 110 Erasmus exchange agreements with European partner institutions. The Institute was a partner in successful applications for two Erasmus Intensive programmes involving the Departments of Media Communications, Management & Marketing, Art & Design, Music and Social and General Studies. Students from these departments will have the opportunity to attend week-long courses with our partner institutions over the coming three years.

George J Mitchell Peace Scholarship

CIT continued its participation in this scholarship exchange programme, which was established to commemorate the signing of the Good Friday Agreement.

EU Canada Programmes in Higher Education, Training and Youth

The EU-Canada programme has been formulated with the aim of promoting mutual understanding between the peoples of Canada and the European Union including broader knowledge of their languages, and cultures and institutions.

CIT has been successful in securing funding for two projects under the EU-Canada Programme 2006-2013.

1. **The Food Link**
2. **M-CAPSS**

The Food Link

The Food Link Mobility Project is a collaborative partnership between three institutions in Canada and three institutions in Europe. The programme offered through this initiative provides students in the corresponding institutions the opportunity to study abroad in the areas of food technology, food quality systems, food safety, and international food trade. The project has provided the opportunity for students from Europe to travel to one of the partner institutions in Canada for a specified study period. In return, students from the corresponding Canadian partners will study in one of the three institutions in Europe. To date a total of twenty two students have travelled to Canada from Europe (fifteen of those were CIT students). Faculty exchange opportunities were also available. Structured exchanges for specialist teaching staff and administrators have contributed in a significant way to the advancement of other objectives of the project, particularly curricula development, student mobility assessment and course evaluation methodology. The duration of the Food Link project is three years with a completion date of September 2010.

Marine Crew and Passenger Safety and Security (M-CAPSS)

The theme for this project is Safety and Security in the maritime sector. Implementation of this project has included the development of new course material on Safety and Security and its exchange between partners. Exchange of navigation and engineering students with the Martine Institute in Newfoundland has enabled students to experience course delivery in a different institution thus broadening their knowledge. Workshops on the Safety and Security theme have been held at IMQ Quebec and MIWB Terscelling (NL). Faculty exchanges have been used to share expertise on the project theme.

4.4 Campus Development

Learning Resource Centre (LRC)

Final granting of Outline Planning permission was received in September 2008 for the 6,500m² building. Enabling works and necessary site investigations to facilitate the PPP have been completed together with reviews of the Masterplan and Traffic Mobility Plan.

To facilitate the Learning Resource Centre development, the existing visitor's car park (located on the east side of D-Block) will be relocated between the IT end of the Berkley Centre and the Administration Building. A planning application was lodged for this alternative visitor's car park in November 2008. Construction is scheduled for late 2009.

Due to the construction of the Learning Resource Centre, the majority of trees on the eastern side of the Centre will require removal, the cost of salvaging these trees was investigated but would incur an expense nearly three times the cost of their replacement with trees of similar type and size. A tree planting programme for the academic year 2008/09 has been planned and will be implemented as funds allow.

Research & Innovation Centre (NEMBES)

For Networked Embedded Systems Research Group – PRTL 4 Funded Capital Project

Planning approval was received in late 2008 and a contractor was appointed after a successful tendering process. Construction work on this 1,800m² facility began in January 2009 with work progressing on schedule for completion towards the end of 2009.

Extension to Rubicon Centre

Enterprise Ireland confirmed in June 2009 that it will provide a grant for funding to extend the Rubicon Innovation Centre. Planning permission has been achieved for this development and work on its construction is expected to commence in the October 2009.

Student Centre

Uptake on the retail units in the Student Centre continued in 2008/09. The lease for the Hair Salon was signed in May with a planned operational date of with 1 September 2009. The salon will trade as a unisex salon. Outline plans have been agreed to relocate the Gala Shop and include a bookshop and merchandise shop in the unit formally designated for bar use. Automatic entrance doors and lobby have been installed to the external doors leading to the Courtyard from the Nexus to reduce heat loss and installation of infrastructure for webcast facilities for graduations was completed.

Refurbishments and other works

Automatic glass doors have been installed at the entrance to the Administration Building and the existing wooden entrance doors were altered to allow easier opening.

Classroom refurbishment continued to be upgraded with the replacement of fixed seating, repairs to structure, painting, floor covering, replacement of audio visual equipment including projection and sound being installed.

Other general refurbishment work included paving works, rooflight replacement, lift installation, boiler replacements in F and G Block, upgrading of general and emergency lighting on A Block and replacement of damaged flooring in a number of areas in the main building. The shop in the main building was also extended and refurbished.

Another phase of fire safety works on the B-Block corridors were also completed.

Display Energy Certificate (DEC) for Large Public Buildings

From 1 January 2009, all public buildings with a gross internal floor area greater than 1000m² are required to display a Display Energy Certificate (DEC) in a prominent place clearly visible to the public. This requirement is a consequence of the transposition into Irish legislation of Article 7(3) of the Energy Performance in Buildings Directive.

Following returns of energy consumption, space and other data to Sustainable Energy Ireland, we have now received the following Display Energy Certificates:

CIT – Bishopstown Campus	900000193
CIT Cork School of Music	900000190
CIT Crawford College of Art & Design	900000192
National Maritime College of Ireland	900000191

CIT Crawford College of Art & Design

A wide variety of projects were undertaken to improve the physical environment of the building and these included: installation of automatic doors, replacing old boilers, upgrading of lighting, installation of storage heating, replacement of velux windows and repainting of corridors. A landscaping clean-up was undertaken and a maintenance contract was also set up.

Sport & Amenity Developments

The rejuvenation of the all-weather pitch was successfully completed in November 2008.

Seeding of headlands and tree planting was completed in Spring 2009 with some fifty-six new trees being planted on the Bishopstown Campus. A second phase of tree-planting is scheduled for Autumn 2009.

A planning application seeking permission to construct embankments and terracing to service the main pitch was lodged in May. A contractor for the construction of the Athletics Track Indoor Arena was recommended and work commenced

in June. Work began on the Athletics Track Stand in June with the majority of work expected to be completed by the end of 2009. A proposal for a machinery and grounds staff compound to be located adjacent to the ESB Station at Rock Farm is at the initial design stage.

The electronic scoreboard for both the stadium pitch and the rugby pitch were installed and are fully commissioned. Floodlighting to pitches 4 and 5 was completed and training lighting to pitches 3 and 6 are in full use. The design of amenity lighting to the pitch roadways is at the design stage and should funding allow some of the lighting will be installed in 2009.

A disabled access lift has been installed and fully commissioned for use in the sport facilities building.

The construction of a walkway and jogging path was completed in 2008 and the provision of two pedestrian bridges were installed over the summer months in 2009.

4.5 Safety & Facilities Management

Mr Sean O’Riordan, Senior Technical Officer has been re-assigned the duty of Institute-wide responsibility for Health & Safety with effect from 1 September 2008.

Emergency Evacuation & Fire Alarm Testing

Evacuation drills continued to take place throughout the Institute during the academic year 2008/09. All fire alarms tests were completed and certification was given. Fire extinguisher checks were completed as per the service agreement.

General Safety & Training

Courses were run in the areas of Occupational First Aid, Heartsaver Automated External Defibrillators (AED), Manual Handling, Hazard Identification and Risk Assessment. A one day training course on Mobile Elevated Work Platforms was run for members of the maintenance staff and members of the Institute’s Safety Response Team. Safety induction classes continued in 2008/09.

Hazard and Risk Assessments

Hazard identification and risk assessment workshops have taken place on a regular basis during the academic year.

Safety Statement

In order for the Institute to comply with the Safety Health & Welfare at Work Act 2005 and the Safety Health and Welfare at Work General Applications 2007, it must maintain a Safety Statement. As this Safety Statement requires regular review and update, a project timeline and process to deliver an updated statement has been agreed.



human resources report

Cork Institute of Technology

5.1 *Human Resources Report*

5.2 *Staff Numbers*

5.3 *Staff Achievements*

5.1 Human Resources Report

Staff Numbers

For the academic year 2008/09, the Institute's Headcount was 1,471 which equates to 978.24 Wholetime Equivalents. The largest category of staff are Academic Staff which account for 68% of the headcount (64% of WTE).

Further details of Staff numbers are available in the next section of the report.

Retirements

The following staff retired from service during the year:

Finbarr Ahern, Lecturer (Structured), Department of Construction Studies
 Daire N Brunicardi, Senior Lecturer 1(T), National Maritime College of Ireland
 Henry Conboye, Technician, National Maritime College of Ireland
 John Curtin, Lecturer, Department of Architecture
 Richard Daly, Lecturer, Department of Electrical Engineering
 Thomas Dennehy, Lecturer, Department of Social & General Studies
 Brian Donovan, Lecturer, Department of Electronic Engineering
 Thomas A Farrell, Lecturer, Department of Mechanical Engineering
 Brendan Goggin, Registrar
 Christine Guiney, Lecturer, Educational Opportunities Department
 Sheila Higgins, Buildings & Estates
 Liam F Hodnett, Head of Faculty of Engineering
 Frances Horgan, Lecturer, CIT Cork School of Music
 Raphael J Kennedy, Lecturer, Department of Mechanical Engineering
 William P Kilty, Lecturer, Department of Mechanical Engineering
 Finbarr Leach, Acting Head of School of Electrical & Electronic Engineering
 Daniel C Lehane, Lecturer, Department of Accounting & Information Systems
 John P McCarthy, Lecturer, Department of Chemistry
 Patrick Moynihan, Lecturer, Department of Management & Marketing
 Patricia Murphy, Lecturer (Structured), CIT Cork School of Music
 Dr Michael Noonan, Assistant Principal
 Mary O'Connell, Building & Estates
 John J O'Connor, Lecturer, Department of Social & General Studies
 Jeremiah O'Mahony, Lecturer, Department of Electronic Engineering
 William A O'Mahony, Lecturer, Department of Management & Marketing
 William O'Riordan, Lecturer, Department of Management & Marketing
 John Plaice, Lecturer, Department of Mechanical Engineering
 Rita Power, Buildings & Estates Office
 Dr Mohammad Raissian, Lecturer, Department of Mechanical Engineering
 Patrick Sheehan, Lecturer, Department of Mechanical Engineering
 Claire Sinnott, Secretary/Financial Controller
 Paul Sliney, Modularisation & Semesterisation Facilitator
 Breedda Walsh, Clerical Officer, Bishopstown Campus Reception
 John F Walsh, Lecturer (Structured) Department of Civil, Structural & Environmental Engineering
 Margaret Walsh, Clerical Officer, Department of Computing
 Bernard Toft, Lecturer, National Maritime College of Ireland

The Institute's Registrar, Secretary/Financial Controller and Assistant Principal retire during the academic year 2008/09

The recent retirement of our esteemed colleagues, Mr Brendan Goggin, the Institute's first Registrar, Ms Claire Sinnott, the Institute's first Secretary/Financial Controller and Dr Michael Noonan, Assistant Principal sparked many an excursion down memory lane for all of their colleagues and friends within and outside of the Institute. More than anything else these reminiscences forcibly reminded us of two things: how much the Institute has progressed in the past few decades, and how much these outstanding individuals have contributed to those changes.

Brendan retires...

A function was held at the CIT Cork School of Music on 6 November 2008 to honour Brendan's life long commitment to the Institute from his early days as Lecturer in the Department of Chemistry to becoming Head of Department before moving on to being appointed the Institute's first Registrar in 1993. Brendan received tributes which referred to his role as an academic, member of the RTC Board of Management, TUI Officer and sportsman. The President opened proceedings with a tribute mentioning that in his role as Registrar, "Brendan was a hugely influential figure as regards the development of student services including careers and counselling, medical and sports facilities, as well as a moving spirit behind the expansion of student societies and the arts fest".

It was fitting that all these aspects of his work and influence were highlighted at the School of Music event which included Evelyn Grant and Mary Murphy on the harp, the Jazz Big Band under John O'Connor, and a recitation from Yeats delivered by Regina Crowley. The inimitable sopranos, Majella Cullagh, Cara O'Sullivan and Mary Hegarty were followed by CIT staff members, Matt Cranitch, Johnny McCarthy, Aidan Coffey and Pat Ahern with an impeccable traditional set.

Another long-time collaborator of Brendan's was Deputy Registrar, Ed Riordan, who along with Áine Ni Shé hosted the evening on stage. Ed struck a chord with the audience in describing Brendan as a "public servant par excellence" and as someone who had worked conscientiously and imaginatively for his fellow citizens.

At the end of the evening, following presentations from student clubs and societies, from the Students' Union and from the Institute of Guidance Counsellors, it fell to Brendan himself in his quiet but captivating way to encapsulate his working life. In a telling speech, he took his audience through the development of higher education, highlighting progress made towards greater equity and the enormous contribution made by his colleagues in CIT. He also spoke of the great warmth of the friendship made during his years in CIT.

We wish Brendan a long and happy retirement with Aileen and all his family.

Claire Retires...

A large gathering of family, friends, CIT colleagues and external colleagues both past and present attended the retirement function which was held on 12 November 2008 to honour and celebrate the work and achievements of Ms Claire Sinnott, the first Secretary/Financial Controller of Cork Institute of Technology.

While Claire will be remembered as being Secretary/Financial Controller, she joined the staff of Cork Regional Technical College as a Lecturer in Accounting in the Department of Business Studies in 1975. She was appointed Lecturer 1 in 1979 and a Lecturer II in 1981. In 1989, Claire was appointed SL1 Assistant Head of Department before becoming the College's first holder of the post of Secretary/Financial Controller in 1993.

As a lecturer, Claire made her presence felt from the beginning, she took the students under her wing and spent time and effort in ensuring that every student reached their full potential. As Secretary/Financial Controller she produced documentation that gave structure to the Institute and her wonderful facility with numbers and computing ensured that the Institute was able to function as a vibrant Third Level Institution.

The President stated in his speech that "Claire has been a great public servant. She not only served CIT well but also the Higher Education sector as the Department of Education and Science and the HEA will testify. We were privileged to have had such a great first holder of this office who set the tone for the Institute through her hard work, honesty, openness and fairness and who ensured that CIT had a reputation for efficient use of public monies with a clear bill of health each year from the Comptroller and Auditor General. We thank you for your long and dedicated service to CIT and wish you and Tom a long and happy retirement".

In his speech, the former Director, Dr Patrick Kelleher stated that "Claire will be remembered for the enormous legacy she has left behind her - Programmes & Budgets, Annual Returns, the Skills Initiatives, the Apprentice Skills Initiatives, the quality of her documentation, her serious dedication to work and her high standards to name a few. Today, we publicly thank her for her lifelong dedication to CIT and wish her a long and happy retirement with Tom, Sarah and Emily".

A presentation was made to Claire on behalf of all her colleagues past and present, her colleagues on the Institute Executive Board and members of Governing Body past and present.

A presentation was also made on behalf of the Students Union by its President, Gearóid Buckley. He presented a piece of crystal to Claire as an acknowledgment of her lifelong commitment to CIT and its students.

Michael Retires....

The Governing Body and a gathering of CIT colleagues past and present attended a retirement function which was held on 2 July 2009 to honour and express appreciation to Dr Michael Noonan's enormous lifelong contribution to Cork Institute of Technology.

Dr Noonan joined the Crawford Municipal Technical Institute in 1972 as a Lecturer in Biochemistry. Michael contributed to the development of the Medical Laboratory Science and Applied Biology with a distinctive flair and developed great skills in scientific instrumentation. He built an autoanalyser from parts – a remarkable feat. The new Regional Technical College came into being in 1974 and this involved a move to Bishopstown Campus for all at the Crawford Municipal Technical Institute. Michael became Head of Department of Chemistry and Biology in 1978 where he developed many innovative courses. He will be remembered especially for developing the Degree in Chemical Technology, now titled the Degree in Chemical and Biopharmaceutical Engineering.

In 1992, Michael was appointed Assistant Principal and he became involved in the major building activities in the College, his achievements include the three beautiful buildings, the Student Centre, the Tourism & Hospitality Building and the Administration Building clustered about the lovely courtyard as well as the refurbishment of many laboratories and workshops which today are some of the best in Ireland.

At the presentation, the President stated in his speech "Michael, you can look around this campus with pride in a job well done and that is vital for the future of CIT, its students, staff and wider community. You will not only be remembered for the wonderful new buildings and the quality refurbishments of the old infrastructure but for your obliging and helpful character, your enthusiasm and loyalty to CIT and to your colleagues and your concern for the good reputation of CIT. For this we express our appreciation and we thank you and wish you the quality retirement that you deserve".

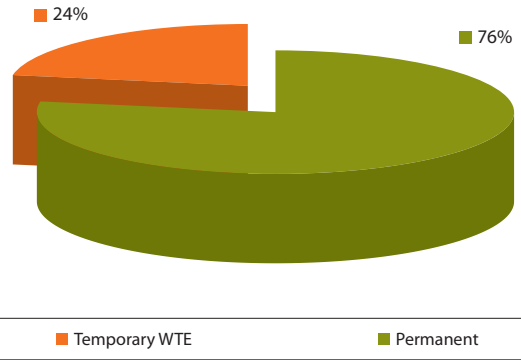
The President presented Michael with a painting from a CIT Crawford College of Art & Design graduate on behalf of all his colleagues past and present and his colleagues on the Institute Executive Board past and present.

The Chairman of Governing Body, Dr Paddy Caffrey, presented Michael with a piece of artwork which was also produced by a graduate from the CIT Crawford College of Art & Design and stated that "this was a token of Governing Body's appreciation of your huge contribution to the Institute over the last 36 years".

5.2 Staff Numbers

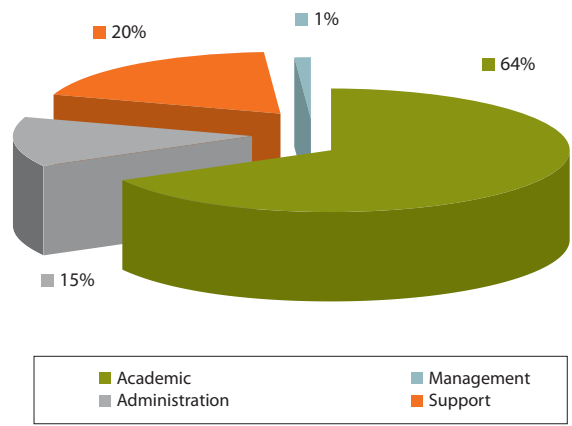
Total Staff Numbers

	Male	Female	Total
Permanent	467.65	279.48	747.13
Temporary WTE	102.97	128.14	231.11
	570.62	407.62	978.24



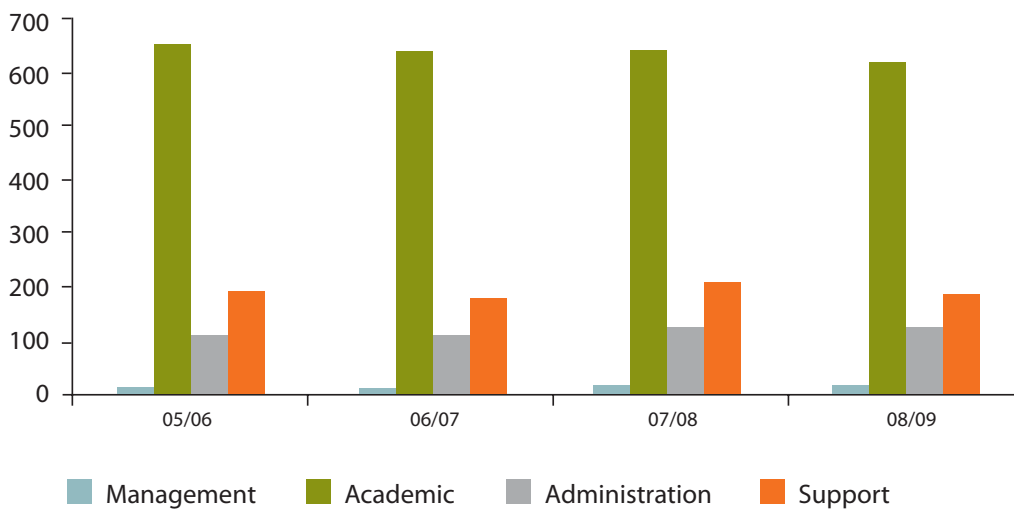
Staff by Category

	Male	Female	Total
Management	8.00	2.00	10.00
Academic	417.55	207.09	624.64
Administration	25.17	126.57	151.74
Support	119.9	71.96	191.86
	570.62	407.62	978.24



Staff Trends – 4 Year History

	05/06	06/07	07/08	08/09
Management	10.00	10.00	10.00	10.00
Academic	664.21	649.07	651.91	624.64
Administration	119.91	131.82	142.75	151.74
Support	192.85	181.55	206.2	191.86
Total	986.97	972.44	1010.86	978.24



5.3 Staff Achievements

Congratulations were extended to the following:

- Mr Sean F. O'Leary, Senior Lecturer, Department of Mechanical Engineering who received a National Academy for the Integration of Research & Teaching & Learning (NAIRTL) Award for Excellence in Teaching in December 2008 and who was honoured in June 2009 with the Enterprise Ireland/Invest Northern Ireland/ Cruickshank Academic Award 2009
- Staff and students who took part in the Mizen to Malin Vintage Rally in aid of Multiple Sclerosis (MS) Ireland from 12-14 June. Over €18,000 was raised by the event and this will go directly to the provision of exercise programmes/ physiotherapy in the Southern Region
- CIT Staff Drama Group who gave an excellent five day performance of "Hello Darling" by Huw Jones during the month of May
- Dr Aidan Coffey, Senior Lecturer, Department of Biological Sciences who was invited in October to join the European Food Safety Authority (EFSA) working group on the use and mode of action of bacteriophages in food production
- The Committee of Staff under the Chairmanship of Ms Edel Dullea who organised the Inaugural Staff Charity Ball in aid of Comprehensive Application of Behaviour Analysis to Schooling (CABAS). The Charity Gala Ball took place at the Maryborough House Hotel on 20 March 2009 and raised €14,284.35 for the Cork based charity
- Mr James Hayes, Assistant Lecturer, CIT Crawford College of Art & Design whose work has been chosen for the International Conference on Contemporary Sculpture at Sloss Furnaces National Historic Landmark, Alabama, USA and his recent Travel & Mobility Award from the Arts Council of Ireland
- Staff at the CIT Crawford College of Art & Design whose work featured in recent exhibitions at National and International level:
 - Dr Julian Campbell
 - Mr Colin Crotty
 - Ms Sue Cunliffe
 - Ms Debbie Dawson
 - Ms Megan Eustace
 - Mr Simon English
 - Mr Mark Ewart
 - Ms Pamela Hardesty
 - Mr James Hayes
 - Ms Catherina Hearne
 - Ms Jo Kelley
 - Ms Breda Lynch
 - Mr Leo McCann
 - Dr Ailbhe Ni Bhriain
 - Ms Maureen O'Connor
 - Ms Christine Pybus
 - Ms Helle Helsner
 - Ms Helen Farrell
 - Ms Eileen Healy
- Dr Aine de Roiste who was the co-author of a book entitled "Social Care: An integrated Perspective"
- Dr Margaret Linehan and Ms Irene Sheridan, lecturers seconded to the Strategic Innovation Project at the Institute on their recent two publications:
 - Education in Employment – Work Based Learning Graduating through the workplace
 - Education in Employment – Framework for Progression of Craftspersons

- Staff Members who were conferred include:

- Capt Badiul Alam, Bachelor of Business in Supply Chain & Transport Management
- John Buckley, MEngSc in Sustainable Energy
- Gail Cotter-Buckley, Bachelor of Business in Management
- Glynis Dennehy, Bachelor of Arts (Hons) in Human Resource Management
- Anthony Fitzgerald, BSc in Computing Service Management
- Richard Kearney, MEngSc in Sustainable Energy
- Margaret Kenneally, Diploma in European Art & Architecture History
- Capt Cormac MacSweeney, Bachelor of Business in Supply Chain & Transport Management
- Noel Mulcahy, MEngSc in Sustainable Energy
- Ailbhe Ni Bhrian, PhD Practice in Fine Art
- Brian Nixon, MEngSc in Sustainable Energy
- Mervyn O'Mahony, Master of Business Studies
- Susan O'Regan, PhD in Music
- John White, Diploma in European Art & Architecture History
- Steven Young, Master of Arts in Digital Media Development in Education
- Terrie Young, MA in Art Therapy

Addendum: Correction of Error to conferring award in the 2007/08 Report:

Ms Gina O'Brien was awarded a Bachelor of Business Honours and not Bachelor of Business as stated in the 2007/08 Report.

New Appointments

The following staff were confirmed for appointment during the academic year 2008/09:

- Dr Stephen Cassidy, Acting Head, Teaching & Learning Unit
- Mary Cooney, Assistant Lecturer, Department of Social & General Studies
- Matt Cotterell, Acting Head of School of Mechanical & Process Engineering
- Kevin Davis, Assistant Lecturer, Department of Mechanical Engineering
- Marie Dorgan, Assistant Lecturer, Department of Accounting & Information Systems
- Paul Gallagher, Secretary/Financial Controller
- Dr Joseph Harrington, Head of School of Building & Civil Engineering
- Clive Hotham, Lecturer, National Maritime College of Ireland
- Rose Jones, Library Assistant 2, Bishopstown Campus Library
- Tadhg Leane, Acting Head of Strategy & Policy, President's Office
- Dr Sandra Lenihan, Assistant Lecturer, Department of Chemical & Process Engineering
- Mary Moloney, Assistant Lecturer, Department of Civil, Structural & Environmental Engineering
- Kim Mulcahy, Assistant Lecturer, National Maritime College of Ireland
- Dr Barry O'Connor, Registrar & Vice President for Academic Affairs
- Gerard O'Donovan, Head of School of Business
- Caroline O'Reilly, Acting Head of Department of Accounting & Information Systems
- Marc O'Riain, Assistant Lecturer, Department of Architecture
- Joseph P Power, Lecturer, National Maritime College of Ireland



finance report

Cork Institute of Technology

6.1 *Financial Report*

6.2 *Audited Accounts 2008/2009*

6.1 Financial Report

This financial report covers the period from 1 September 2008 to 31 August 2009. The results show that during this difficult budgetary period, the Institute through prudent management of its finances, has continued to grow.

Turnover

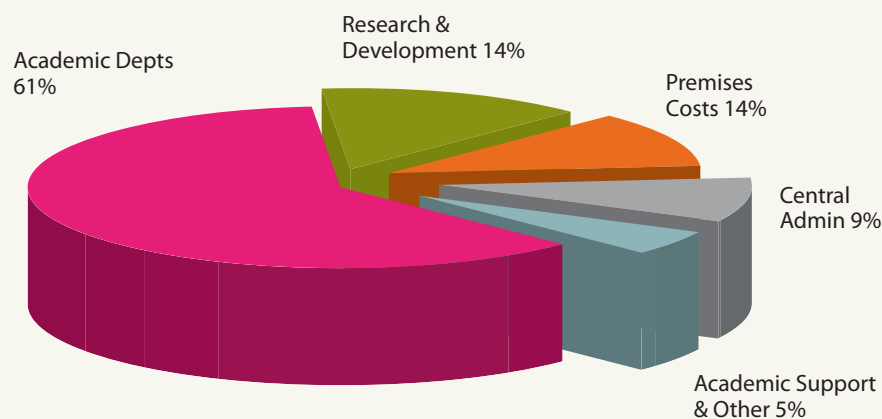
Turnover increased by €4.2m from €92.7m to €97.3m. The main driver for this growth was a €3.3m increase in Research & Development activities and an increase in Tuition Fees dues to higher student numbers and increase in overseas students. The State Recurrent Grant remained relatively static increasing by just under €0.2m.

The result for the year ended 31 August 2009 was an operating surplus of €2.1m. €0.6m was transferred to the Sport Facilities Reserve and the Accumulated Surplus at the year-end now stands at €1.9m.

Current Expenditure

The Institute's total current expenditure increased by 3.1% (€3m) during the period to €95.2m. Spending in most areas remained static, with the exception of R&D which increased by €3.0m, reflecting the additional activity in this area. The cost of Central Administration fell by over 12% from €9.7m to €8.5m. The pay bill which represents 70% of current expenditure amounted to €66.2m during the period and the average number of employees fell by 56 during the period from 1199 to 1143.

The Institute's expenditure (excluding depreciation) for the period is summarized as follows:



Capital Expenditure

Capital Expenditure for period was €6.1m, of which €2.4m was spent on land, and buildings in course of construction. A further €3.2m was spent on equipment, plant & machinery which included investments in R&D equipment.

Research & Development

Income from Research, Development and Self-Funding Activities grew by €3.3m which represents year on year growth of 35%. The Institute's success in the Programme for Research in Third Level Institutions (PRTL) and other funding programmes has seen a significant increase expenditure on R&D. Construction of the new NIMBUS research building is well advanced and is expected to open in early 2010.

6.2 Audited Accounts 2008/09

Statement on Internal Financial Control

Statement of Institute Responsibilities

Report from the Comptroller & Auditor General

Statement of Accounting Policies

Income & Expenditure Account

Balance Sheet

Cash Flow Statement

Notes to the Financial Statements

6.2.1 Statement on Internal Financial Control

Responsibility for System of Internal Financial Control

The Governing Body acknowledges its responsibility for ensuring that an effective system of internal financial control is maintained and operated. The system of internal control consists of those processes used to identify, evaluate and manage the significant risks faced by Cork Institute of Technology in the management of its affairs. The system is designed to manage rather than eliminate risk, recognising that only reasonable and not absolute assurance can be provided that assets are safeguarded, transactions authorised and properly recorded, and that material errors or irregularities are either prevented or would be detected on a timely basis.

Key Control Procedures

The Governing Body has taken steps to ensure an appropriate control environment, including

- Financial procedures and regulations are currently documented, implemented and up to date.
- Regular reviews by the Governing Body of periodic and annual financial reports, which include financial performance against forecasts.
- Clearly defining capital investment control guidelines.
- An audit committee, with a defined audit charter in place, with clear terms of reference which deals with significant control issues and receives the reports of the internal and external auditors.
- The Governing Body has identified business risks and they are continuously reviewed.

Cork Institute of Technology has an outsourced internal audit function, which operates in accordance with the Code of Governance of Irish Institutes of Technology. An internal audit strategy for 2009 has been developed based on risk assessment. This audit strategy has been approved by the audit committee and the Governing Body.

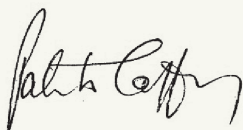
The Audit Committee meets the Internal Auditors on a regular basis to review the work in Internal Audit, which includes a report of internal audit activity. The framework of Internal Financial Control checks consists of 14 key financial activities and identifies checks that should be performed regularly to evaluate the effectiveness of the internal financial control environment.

The Governing Body monitoring and review of the effectiveness of the system of internal financial control is informed by the work of the Head of Internal Audit, the Audit Committee which oversees the work of Internal Audit, the Director, Institute Executive and Managers within Cork Institute of Technology who have responsibility for the development and maintenance of the financial control framework, and the comments made by the Comptroller and Auditor General in his management letter or other reports.

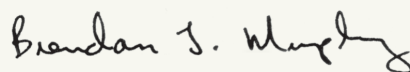
We confirm that the Governing Body conducted a review of the effectiveness of the system of internal financial controls.

We confirm that the Governing Body approved the latest Code of Governance of Irish Institutes of Technology (January 2009), at its meeting of 5 March 2009. The Governing Body is committed to fully implementing the latest Code and is working towards being in a position by 2011/12 to provide a Statement of Internal Control that conforms to the format set out in that Code.

Signed on behalf of the Governing Body



Dr Paddy Caffrey
Chairman



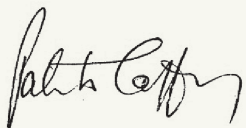
Dr Brendan J. Murphy
President

6.2.2 Statement of Institute Responsibilities

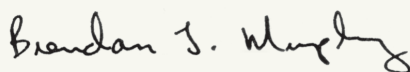
The Institutes of Technology Acts 1992 to 2006 require the Institute to prepare financial statements in such form as may be approved by the Higher Education Authority and to submit them for audit to the Comptroller and Auditor General. In preparing these financial statements, the Institute is required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



Dr Paddy Caffrey
Chairman



Dr Brendan J. Murphy
President

6.2.3 *Report of the Comptroller and Auditor General for presentation to the Houses of the Oireachtas*

I have audited the financial statements of Cork Institute of Technology for the year ended 31 August 2009 under the Institutes of Technology Acts 1992 to 2006.

The financial statements, which have been prepared under the accounting policies set out therein, comprise the Statement of Accounting Policies, the Income and Expenditure Account, the Balance Sheet, the Cash Flow Statement and the related notes.

Respective Responsibilities of the Institute and the Comptroller and Auditor General

The Institute is responsible for preparing the financial statements in accordance with the Institutes of Technology Acts 1992 to 2006 and for ensuring the regularity of transactions. The Institute prepares the financial statements in accordance with Generally Accepted Accounting Practice in Ireland. The accounting responsibilities of the Members of the Governing Body are set out in the Statement of Institute Responsibilities.

My responsibility is to audit the financial statements in accordance with relevant legal and regulatory requirements and International Standards on Auditing (UK and Ireland).

I report my opinion as to whether the financial statements give a true and fair view, in accordance with Generally Accepted Accounting Practice in Ireland. I also report whether, in my opinion, proper books of account have been kept. In addition, I state whether the financial statements are in agreement with the books of account.

I report any material instance where moneys have not been applied for the purposes intended or where the transactions do not conform to the authorities governing them.

I also report if I have not obtained all the information and explanations necessary for the purposes of my audit.

I review whether the Statement on Internal Financial Control reflects the Institute's compliance with the Code of Governance of Irish Institutes of Technology and report any material instance where it does not do so, or if the statement is misleading or inconsistent with other information of which I am aware from my audit of the financial statements. I am not required to consider whether the Statement on Internal Financial Control covers all financial risks and controls, or to form an opinion on the effectiveness of the risk and control procedures.

Basis of Audit Opinion

In the exercise of my function as Comptroller and Auditor General, I conducted my audit of the financial statements in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board and by reference to the special considerations in relation to management and operations which attach to bodies in receipt of substantial funding from the State. The result of any enquiries relating to matters under the latter heading may be separately reported under section 11 of the Comptroller and Auditor General (Amendment) Act 1993.

An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures and regularity of the financial transactions included in the financial statements. It also includes an assessment of the significant estimates and judgments made in the preparation of the financial statements, and of whether the accounting policies are appropriate to the Institute's circumstances, consistently applied and adequately disclosed.

I planned and performed my audit so as to obtain all the information and explanations that I considered necessary in order to provide me with sufficient evidence to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or other irregularity or error. In forming my opinion, I also evaluated the overall adequacy of the presentation of information in the financial statements.

Opinion

In my opinion, the financial statements give a true and fair view, in accordance with Generally Accepted Accounting Practice in Ireland, of the state of the Institute's affairs at 31 August 2009 and of its income and expenditure for the year then ended.

In my opinion, proper books of account have been kept by the Institute. The financial statements are in agreement with the books of account.

John Buckley
Comptroller and Auditor General

28 July 2010

6.2.4 Statement of Accounting Policies for the year ended 31 August 2009

The significant accounting policies by Cork Institute of Technology are as follows:

1. Basis of Preparation

The financial statements are prepared in accordance with generally accepted accounting principles in Ireland and the United Kingdom under the historical cost convention (except for certain properties which are included in valuation) and with the requirements of the Minister for Education and Skills.

2. Recognition of Income

State Grants:

Recurrent 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 bodies received in respect of the acquisition or construction of fixed assets are treated as deferred capital grants and amortised in line with depreciation over the life of the assets.

Devolved Grants:

The Minister for Education and Skills introduced a scheme to devolve responsibility to the Institute for Summer and other Capital Works. Where devolved grant monies, in respects of this scheme, have not been expended they are treated as deferred income, provided the projects to which they are committed have been approved by the Governing Body, are fully defined, time phased and with estimates of costs.

In all other cases devolved grant funding is recognised in the period received.

Research Grants and Contracts:

Income from 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.

All research income and expenditure is shown under the headings 'Research, Development and Self Funding.'

Fee Income:

Fee Income is accounted for on an accruals basis.

Interest Income:

All income from short term deposits is credited to the income and expenditure account in the period in which it is earned.

3. Ancillary Activities

The financial statements of certain entities do not form part of the accounts of the Institute. These statements are audited by independent auditors. Note 23 sets out information on ancillary activities including Income, Expenditure and Summary Balance Sheet.

4. Stocks

Expenditure on books and consumable stocks is charged to the Income and Expenditure account as incurred.

5. Fixed Assets and Depreciation

Fixed assets, with the exception of land, are stated at historical cost or valuation less accumulated depreciation. Land is stated at historical cost or valuation.

(a) Cost or Valuation

Fixed assets in existence on 1 January 1993 (date of commencement order) are stated at valuation. The basis of valuation is set out at Note 14. Subsequent additions are stated at cost.

Buildings under construction are accounted for at cost based on the value of the architect's certificates and other direct costs incurred to the financial year end. They are not depreciated until they are brought into use.

(b) Equipment

All equipment valued at €1,000 and over is capitalised.

(c) Depreciation

Depreciation is provided on tangible fixed assets (excluding land) on a straight line basis so as to write off their historical costs or valuations over their estimated useful lives.

The estimated useful lives assigned to tangible fixed assets are as follows:

	Years
Buildings	30-50
Prefabricated buildings, fixtures, plant and machinery	10
Mainframe Computers	7
Other computer equipment	4
Educational and administrative equipment	5
Furniture	5
Motor Vehicles	5
Equipment unique to research projects	Project Life

6. Foreign Currencies

Transactions denominated in foreign currencies are translated into Euro and recorded at the rates of exchange ruling at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies are translated into Euro at the rates of exchange ruling at the Balance Sheet date or at forward contract rates where such contracts exist.

7. Pensions

All pension entitlements of staff are conferred under a defined benefits scheme established under the Local Government (Superannuation) Act, 1980 and pension obligations are met by the Exchequer as they arise.

The superannuation scheme is operated on a Pay As You Go basis and therefore superannuation deductions made from the employees are retained by the Institute, as an agreed part of its funding.

The Institute does not make contributions towards the scheme and has no obligation in respect of entitlements.

8. Deferred Capital Grants

Deferred Capital Grants represent the mortised value of accumulated funds allocated for fixed assets.

9. Restricted Reserve

The Restricted Reserve represents amounts set aside from Student Registration Fees paid by students, funds from donations together with bank interest earned on these monies which are used for the provision of student facilities or other specified purposes for the long term development of the Institute.

10. Facilities Reserve

In 2002 the Institute established a facilities trust. This reserve represents amounts set aside from registration fees paid by students and funds from other sources together with bank interest earned on these monies towards the provision of facilities of the Institute.

11. Leased Assets

Rentals under operating leases are charged to the Income and Expenditure account in the period in which the expenditure is incurred.

6.2.5 Income & Expenditure Account for year ended 31 August 2009

INCOME	NOTE	2009	2008
		€000	€000
State Grant Recurrent	1	54,080	53,904
Tuition Fees	2	13,963	13,049
Student Registration Fee	3	5,096	4,764
Release from Capital Account	17	6,191	5,811
Research, Development and Self Funding	4	12,831	9,540
Other Income	6	4,604	5,011
Student Support Funding Income Recognised	5	300	377
Interest Income		<u>251</u>	<u>201</u>
		<u>97,316</u>	<u>92,657</u>
 EXPENDITURE			
Academic Departments	7	55,359	55,316
Academic Support Services	8	1,784	1,450
Facilities Costs	9	7,670	7,359
Central Administration	10	8,532	9,780
General Educational Expenses	11	628	678
Student Registration Charge	3	1,980	1,968
Research, Development and Self-Funding	4	12,806	9,523
Student Support Funding Income recognised	5	300	377
Depreciation	14	<u>6,172</u>	<u>5,801</u>
	12	<u>95,231</u>	<u>92,252</u>
 Operating Surplus		2,085	405
Transfer to Restricted Reserve		(3)	(10)
Transfer to Facilities Reserve		(611)	(938)
Transfer from Facilities Reserve		-	143
Transfer from Restricted Reserve		-	30
 Accumulated Surplus		<u>472</u>	<u>842</u>
Accumulated Surplus at end of year		<u>1,943</u>	<u>472</u>

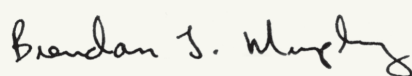
There are no recognised gains or losses other than those dealt with in the Income and Expenditure Account.

The Statement of Accounting policies and Notes 1-30 form part of the financial statements.

Signed on behalf of the Governing Body



Dr Paddy Caffrey
Chairman



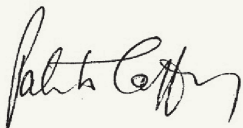
Dr Brendan J. Murphy
President

6.2.6 Balance Sheet as at 31 August 2009

	NOTE	2009 €000	2008 €000
FIXED ASSETS			
Tangible Assets	14	<u>103,345</u>	<u>104,492</u>
		<u>103,345</u>	<u>104,492</u>
CURRENT ASSETS			
Debtors & Prepayments	15	10,986	10,553
Cash at bank and in hand		<u>13,019</u>	<u>7,678</u>
		<u>24,005</u>	<u>18,231</u>
CREDITORS			
Amounts falling due within one year	16	<u>19,660</u>	<u>15,329</u>
NET CURRENT ASSETS		<u>4,345</u>	<u>2,902</u>
TOTAL ASSETS LESS CURRENT LIABILITIES		107,690	107,394
Amounts falling due after more than one year		-	-
NET ASSETS		<u>107,690</u>	<u>107,394</u>
Represented by			
RESERVES			
Capital Account	17	103,345	104,492
Income and Expenditure Account		<u>1,943</u>	<u>472</u>
		105,288	104,964
Restricted Reserve	18	74	71
Sporting Facilities Trust	19	<u>2,328</u>	<u>2,359</u>
		<u>107,690</u>	<u>107,394</u>

The Statement of Accounting policies and Notes 1-30 form part of the financial statements.

Signed on behalf of the Governing Body



Dr Paddy Caffrey
Chairman



Dr Brendan J. Murphy
President

6.2.7 Cashflow Statement for the year ended 31 August 2009

	NOTE	2009	2008
		€000	€000
Reconciliation of operating surplus to net cash inflow from operating activities			
Operating Surplus		2,085	405
Interest Income		(251)	(201)
Depreciation		6,172	5,801
Amortisation in line with asset depreciation		(6,191)	(5,811)
Loss on Disposal of Fixed Assets		19	4
Facilities Reserve used on Recurrent Expenditure		(186)	-
(Increase) / Decrease in Debtors		(433)	47
(Decrease) / Increase in short term Creditors		4,331	2,273
Net Cash Inflow from Operating Activities		5,546	2,518
<hr/>			
Cashflow Statement			
Net Cash Inflow from Operating Activities		5,546	2,518
Returns on investments and servicing of finance			
Interest Received		251	201
Capital Expenditure			
Payments to acquire Fixed Assets		(5,044)	(6,305)
Proceeds from the Disposal of Fixed Assets		-	6
Net Cash Outflow for capital expenditure		(5,044)	(6,299)
Financing			
State Capital Grants spent on Fixed Assets		100	1,091
State Recurrent Grants spent on Fixed Assets		1,104	1,496
Other funds spent on Fixed Assets		3,384	2,681
		4,588	5,268
Increase in Cash		5,341	1,688
<hr/>			
Increase / (Decrease) in Cash			
Net opening funds		7,678	5,990
Net Funds at 31 August		13,019	7,678
		5,341	1,688

The Statement of Accounting policies and Notes 1-30 form part of the financial statements.

Signed on behalf of the Governing Body

Dr Paddy Caffrey
Chairman

Dr Brendan J. Murphy
President

6.2.8 Notes to the Financial Statements

1. State Grant

	Allocated for recurrent expenditure	Allocated for capital expenditure	Total 2009	Total 2008
	€000	€000	€000	€000
State grant for recurrent expenditure – HEA	52,877	1,104	53,981	54,363
State grant for capital expenditure - DOES	897	(490)	407	1,165
State grant for minor capital works - DOES	306	590	896	963
Total - 2009	54,080	1,204	55,284	56,491
Total - 2008	53,904	2,587	56,491	

The total cost of certain Higher Certificate and Ordinary Degree courses is subvented by the European Social Fund (ESF) at national level. State Grants for Recurrent Expenditure are partly funded from this EU assistance.

2. Tuition Fees

	2009 Student No (WTE)	2009 €000's	2008 Student No (WTE)	2008 €000's
Fees Paid by State	5,462	9,618	5,163	8,804
Non-EU Fees	128	196	102	414
Fees paid by students or on behalf of students	717	1,957	858	1,593
Life Long Learning and Other Fees	1,413	2,192	1,386	2,238
	<u>7,720</u>	<u>13,963</u>	<u>7,509</u>	<u>13,049</u>

The HEA paid tuition fees in the year of €4.204m for full time level 8 courses and €5.414m for level 6 & 7 courses, the total costs of which are part funded by the ESF.

Student numbers are stated as wholetime equivalents, based on enrolled credits.

3. Student Registration Fee

- (a) Annual Registration Fees are payable by students, the full time rate being set at €900 for the 2008/09 academic year. By direction of the Higher Education Authority, €395 of each full time fee is retained by the Institute and applied to meet recurrent expenditure. This amounted to €2.665m in the year of account. The balance of €3.105m was used to provide facilities and services for students.

	2009 €'000s	2008 €'000s
(b) Application of Registration Charges		
Gross Registration Charges including interest	5,770	5,256
Less Transfer to Self Funding	(693)	(438)
Facilities Reserve	91	-
Transfer to Capital Account	(72)	(54)
Net Income	5,096	4,764
Less Transfers in relation to:		
Student Services Committee	1,980	1,968
Facilities Reserve	451	753
Total Transfer	2,431	2,721
Retained for Recurrent Expenditure	2,665	2,043

4. Research, Development and Self Funding

Income		
Income	16,048	12,157
Transfer from Facilities Reserve	95	-
Transfer to Capital Account	(3,312)	(2,617)
	<u>12,831</u>	<u>9,540</u>
Expenditure		
Staff Costs	4,537	3,440
Non Pay Costs		
Materials & Other Consumables	603	593
Computer Costs	287	243
General Education	1,742	1,640
Services to Students	8	5
Research Costs	158	32
Project Partners	80	297
Equipment	49	19
Premises Costs	847	608
Travel & Subsistence	757	492
Personnel Costs	557	339
Professional Fees	2,731	1,546
Communications	74	48
Stationery & Office Materials	218	150
General Advertising & Publicity	141	62
Finance Costs	6	2
Other	11	7
	<u>8,269</u>	<u>6,083</u>
Total Expenditure	<u>12,806</u>	<u>9,523</u>

Included in the Research Grant and Contract Income is an amount of €456k in respect of overhead recovery. The balance represents direct costs recovered for research work undertaken as outlined under Expenditure headings above.

5. Student Support Funding

	Disabilities	Student Assistance	2009	2008
Balance at 1 September 2008	166	111	277	241
Receipts				
Higher Education Authority	199	156	355	432
Allocated to Capital	-	-	-	(10)
	<u>199</u>	<u>156</u>	<u>355</u>	<u>422</u>
Amounts Applied – Non Pay	138	162	300	377
Balance at 31 August 2009	<u>277</u>	<u>105</u>	<u>332</u>	<u>286</u>

Funding is provided by the Higher Education Authority under the National Development Plan and is part funded by the European Social Fund.

6. Other Income

	2009	2008
	€000	€000
Superannuation	4,438	4,514
Rental of Facilities	13	50
Photocopying Services	27	46
Proceeds from Sale of Equipment	21	2
Proceeds from Sale of Class Material	43	38
Insurance Claims	29	0
Sundry Income	33	361
	<u>4,604</u>	<u>5,011</u>

7. Academic Departments**Staff**

Teaching	45,387	45,440
Technical	4,413	4,040
Administration and Support	2,455	2,566
	<u>52,255</u>	<u>52,046</u>

Non Pay Costs

Materials & Other Consumables	1,246	1,184
Library Materials	76	116
Computer Costs	188	267
General Education	45	9
Equipment	37	75
Premises Costs	396	382
Travel & Subsistence	260	317
Personnel Costs	210	182
Professional Fees	68	76
Communications	97	99
Stationery & Office Materials	372	422
General Advertising & Publicity	73	109
Finance Costs	4	1
Other	32	31
	<u>3,104</u>	<u>3,270</u>

Total	<u>55,359</u>	<u>55,316</u>
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8. Academic Services**Staff**

Library & Computer Staff	1,241	1,132
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Non Pay Costs

Materials & Other Consumables	65	29
Library Materials	88	136
Computer Costs	169	96
General Education	5	-
Equipment	-	2
Premises Costs	20	11
Travel & Subsistence	4	-
Personnel Costs	26	7
Professional Fees	78	9
Communication	78	9
Stationery & Office Materials	10	19
	<u>543</u>	<u>318</u>

Total	<u>1,784</u>	<u>1,450</u>
--------------	---------------------	--------------

2009
€000

2008
€000

9. Facilities Cost

Staff

Caretakers, Cleaning, Maintenance

1,756

1,745

Non Pay Costs

Materials & Other Consumables

52

200

Computer Costs

100

27

General Education

2

-

Equipment

60

53

Premises Costs

4,583

4,743

Travel & Subsistence

8

6

Personnel Costs

34

37

Professional Fees

1,007

366

Communications

38

166

Stationery & Office Materials

11

12

Loss on Fixed Asset Disposal

19

4

5,914

5,614

Total

7,670

7,359

10. Central Administration

Staff

Administration

4,981

5,162

Non Pay Costs

Materials & Other Consumables

334

365

Computer Costs

83

142

Services to Students

107

42

Equipment

6

9

Premises Costs

604

891

Travel & Subsistence

218

216

Personnel Costs

539

625

Professional Fees

704

1,132

C & AG Audit Fee

29

30

Communications

114

287

Stationery & Office Materials

255

329

General Advertising & Publicity

190

180

Insurance

336

354

Finance Costs

22

7

Other

10

9

3,551

4,618

Total

8,532

9,780

11. General Education Expenses

Staff

Student Support

561

559

Non Pay Costs

Other Expenses

67

119

Total

628

678

	Staff Costs	Depreciation	Other Operating Expenses	2009	2008
	€000's	€000's	€000's	€000's	€000's
12. Analysis of Expenditure					
Research, Development & Self Fund	4,537	1,162	8,269	13,968	10,486
Academic Department	52,255	1,383	3,104	56,742	56,584
Academic Services	1,241	520	543	2,304	1,926
Facilities Costs	1,756	1,508	5,914	9,178	8,859
Central Administration and Services	4,981	1,400	3,551	9,932	11,189
General Education Expenses	561	-	67	628	678
Student Support Funding	28	7	271	307	377
Student Services & Amenities	874	192	1,106	2,172	2,153
2009 Total	<u>66,234</u>	<u>6,172</u>	<u>22,825</u>	<u>95,231</u>	<u>92,252</u>
2008 Total	<u>65,099</u>	<u>5,801</u>	<u>21,352</u>		

Analysis of Other Operating Expenditure

Materials & other Consumables	2,342	2,419
Library Materials	165	250
Computer Costs	870	806
General Education	1,862	1,766
Services to students	530	662
Research costs	198	32
Project Partners	80	298
Equipment	153	159
Premises Costs	6,776	6,754
Travel & Subsistence/Hospitality & Seminars	1,286	1,068
Personnel Costs	1,407	1,202
Professional fees	4,956	3,517
Auditors Remuneration	29	30
Communications	403	618
Stationery & office materials	887	968
General advertising & Publicity	419	355
Insurance	354	382
Finance costs	34	15
Loss on asset disposal	19	4
Other	55	47
	<u>22,825</u>	<u>21,352</u>

13. Taxation

None of the activities of the Institute, other than the Innovation Centre, are liable to Corporation Taxation under the Charitable Status obtained in January 1993 by the Department of Education.

14. Tangible Fixed Assets

	Total	Land and Buildings	In Course of Construction	Fixtures and Fittings (incl Prefabs)	Computer Equipment	Plant & Machinery	Equipment	Motor Vehicles
	€000	€000	€000	€000	€000	€000	€000	€000
Cost or valuation								
Beginning of year	158,188	115,893	1,195	6,689	14,436	3,051	16,577	347
Additions	6,180	887	1,514	595	1,077	892	1,187	28
Reclassification (Note)	(1,136)	-	(1,136)	-	-	-	-	-
Disposals	(1,634)	(8)	-	(3)	(1,154)	-	(469)	-
End of year	161,598	116,772	1,573	7,281	14,359	3,943	17,295	375
Depreciation								
Beginning of year	53,696	22,782	-	4,074	12,027	1,036	13,478	299
Disposals	(1,615)	(2)	-	(3)	(1,144)	-	(466)	-
Charge for year	6,172	2,682	-	593	1,367	367	1,138	25
End of year	58,253	25,462	-	4,664	12,250	1,403	14,150	324
Net book value								
End of year	103,345	91,310	1,573	2,617	2,109	2,540	3,145	51
Beginning of year	<u>104,492</u>	<u>93,111</u>	<u>1,195</u>	<u>2,615</u>	<u>2,409</u>	<u>2,015</u>	<u>3,099</u>	<u>48</u>

Cost or Valuation:

Land and Buildings in existence at 1 January 1993 have been valued by the Valuation Office. Other fixed assets in existence on that date have been valued by the Institute on the basis of open market value for existing use. Subsequent additions are stated at cost.

Note:

Two contracts totalling €1.136m are not being advanced and the related expenditure has been written off to the Income and Expenditure Account.

CIT has commitments on properties leased for academic use amounting to €2,732.140.43.

	2009 €000	2008 €000
15. Debtors & Prepayments		
Tuition Fees	1,051	437
State grant for recurrent expenditure	2,628	2,192
State grant for capital expenditure	248	1,724
Research, Development and Self Funding	5,343	4,220
Prepayments and accrued income	416	480
Other debtors	<u>1,300</u>	<u>1,500</u>
	<u>10,986</u>	<u>10,553</u>
16. Creditors and Accrued Expenses		
Amounts falling due within one year		
Research, Development and Self Funding - Deferred	12,576	6,958
Student Support Funding – Deferred	332	277
Student Registration Charges Payable	<u>5</u>	<u>-</u>
	<u>12,913</u>	<u>7,235</u>
Trade Creditors	234	30
State Capital Grant	1,693	2,196
PAYE	920	1,020
PRSI	558	518
Income Tax Withheld	50	15
Other Creditors	151	46
Accruals and Deferred Income	<u>3,141</u>	<u>4,269</u>
	<u>6,747</u>	<u>8,094</u>
	<u>19,660</u>	<u>15,329</u>
17. Deferred Capital Grants		
Balance 1 September	104,492	103,998
Movement during year:		
<u>Capital Grants Receivable</u>		
State Capital Grant	(490)	838
Allocated from State Recurrent Grant	1,104	1,496
Registration	72	54
Research, Development and Self Funding	3,312	2,617
Disability Funding	-	10
State grant for minor capital works	590	253
Transfer from Facilities Reserve	456	987
Transfer from Restricted Reserve	<u>-</u>	<u>50</u>
	<u>109,536</u>	<u>110,303</u>
<u>Release to Income</u>		
Amortisation in line with asset depreciation	(6,172)	(5,801)
Amount released on disposal of Fixed Assets	<u>(19)</u>	<u>(10)</u>
Balance at 31 August	<u>103,345</u>	<u>104,492</u>

	2009	2008
	€000	€000
18. Restricted Reserve		
Balance 1 September	71	341
Transfer from Income and Expenditure Account	3	10
Transfer to Expenditure	-	(30)
Transfer to Sporting Facilities Trust	-	(200)
Transfer to Capital Account	<u>-</u>	<u>(50)</u>
Balance 31 August	<u>74</u>	<u>71</u>

The balance at 31 August of €0.074m represents funds set aside for Student Facilities.

19. Facilities Reserve

Balance 1 September	2,359	2,351
Transfer from Income and Expenditure Account	611	938
Transfer from Restricted Reserve	-	200
Transfer to Expenditure – Student Registration Charge	(91)	(143)
Transfer to Expenditure – Self Funding	(95)	-
Transfer to Capital Account	<u>(456)</u>	<u>(987)</u>
Balance 31 August	<u>2,328</u>	<u>2,359</u>

20. TLT Student Maintenance Grants

Receipts from the Department of Education and Skills (Colleges Section)	4,714	4,632
Payments to Students	(3,800)	(3,797)
Payments to Students (top ups)	<u>(914)</u>	<u>(835)</u>
Net Cash Inflow	-	-
Opening Balance	<u>-</u>	<u>-</u>
Closing Balance	<u><u>-</u></u>	<u><u>-</u></u>

The Institute processes payments to students in respect of ESF maintenance grants which are notified by the relevant VEC or Local Authority. Funding for these payments is provided by the Department of Education and Skills with co funding provided by the European Social fund (ESF). These transactions are not included separately in the Income and Expenditure Account.

21. Employees

The average number of staff employed by the Institute for the year ended 31 August 2009 was 1,143 (2008: 1,199).

22. Subsidiary Company

A company, CIT Innovation Centre Limited, was established by the Institute in August 2004. For the purpose of preparing the financial statements of CIT it was necessary to consolidate the activities of CIT Innovation Centre Limited. The company showed a profit for the year of €990 while net assets for the year amounted to €44,536.

A company, Cosmos Education Limited, was established by the Institute in January 2008. For the purpose of preparing the financial statements of CIT it was necessary to consolidate the activities of Cosmos Education Limited. The company showed a profit for the year of €56,735 while net assets for the year amounted to €41,513.

A company, CIT Foundation Limited, was established by the Institute in July 2007. The Company is dormant and did not trade for the year.

23. Institute Canteen and Shop

A company, CIT Student Services Company Limited, operates the Institute canteen and shop. The accounts of the canteen and shop, which do not form part of the accounts of the Institute, are audited by auditors appointed by the Company.

The company was incorporated in December 1994. The canteen and shop had previously been managed by an Institute Committee. The Company took over the assets and liabilities of the canteen and shop with the exception of a sum of €142,847 which has been placed on trust to fund future liabilities arising out of certain contracts of service. The fund, which stood at €180,910 at 31 August 2008, is not recorded in the accounts of either the Institute or the Company. During the year these funds were transferred to the Company and recorded there as a Capital Reserve where the use of the money is restricted to the "furtherance of students welfare by capital investment in facilities" in accordance with the original terms of the trust.

The financial results of the Company for the year ended 30 June 2009 are as follows:

	€
Income	4,032,148
Expenditure	3,606,401
Surplus	425,747
Net Assets	814,714

24. Investments

The Institute owns 15% of the ordinary share capital of En-Force Laboratories Limited. The company was formerly a campus company entitled Biological and Environmental Services Unit and was established as a private enterprise on 1st January 2003. The Institute has not included the shareholding in the Balance Sheet as it does not consider the value of the shares to be material.

25. The National Maritime College of Ireland & Cork School of Music

The National Maritime College of Ireland (NMCI) is a partnership between Cork Institute of Technology (CIT), the Irish Naval Services, the Department of Education and Skills, the Department of the Marine and Natural Resources and the Department of Defence. The land on which the NMCI is constructed is the property of the Department of Education and Skills.

The Cork School of Music is a partnership between Cork Institute of Technology and the Department of Education and Skills. The land on which the Cork School of Music is constructed is the property of the Department of Education and Skills.

CIT academic, technical, administrative and support staff in the Cork School of Music and the NMCI remain employees of CIT.

26. Student Centre and Administration Building (Claim)

The Institute has been notified of a claim by the Architect in respect of additional costs incurred on the Student Centre and Administration Buildings. The Architect and the Institute are in discussion on the matter. The financial statements do not include a provision for the amount claimed as the liability, if any, is difficult to estimate.

27. Incremental Entitlements

A High Court claim has been made against the Cork Institute of Technology for alleged incremental entitlements. This case is being defended.

28. Comparative Figures

Comparative figures have been adjusted to conform with changes in presentation in these financial statements where required.

29. Disclosure of Transactions – Governing Body Members

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.

30. Approval of Financial Statements

The financial statements were approved by the Governing Body on 6 May 2010.

other information

Cork Institute of Technology

7.1 News & Events

7.2 Graduates' Association

7.3 Contact Points

7.1 News & Events

1. The launch of the 2008-2009 Continuing Education Prospectus took place on 14 August 2008. It was officially launched by the Minister for Education and Science, Mr Batt O'Keeffe, T.D.
2. Enterprise Ireland site visit panel, Dr Jenny Melia, Head of Research and Technology Programmes and Mr Martin Doyle, Regional Director for the South visited the Institute as a result of the Institute's recent Expression of Interest for support for the expansion of the Rubicon (Campus Incubation Centre) on 19 August 2008.
3. The President attended a meeting on 21 August 2008 with Mr Con Gregg, Managing Director, Publica Consulting in relation to a study on skills in Creativity, Innovation and Design commissioned by Forfás on behalf of the Expert Group on Future Skills Needs.
4. The CIT Cork School of Music Awards Ceremony took place on 4 September 2008 in the Curtis Auditorium, CIT Cork School of Music.
5. To facilitate a smooth transition into third level education, the CIT Access Office organised a Welcome Lunch for all new mature students to CIT. The aim of the Lunch was to provide the mature students with an opportunity to meet other mature students, to receive an introduction to support staff in student services and to gain familiarity with CIT.
6. Over the past number of years, CIT has provided support at pre-entry and post-entry stage for members of the Traveller Community. This year CIT Access in partnership with the UCC PLUS+ Programme, Cork City Partnership Ltd. and the Visiting Teacher Service for Travellers, will provide resources to a number of schools to support Traveller students. Working together, the aim is to ensure a more coordinated and effective response to students' needs. Students will primarily be supported through mentoring initiatives. The Mentors' role will be to provide personal support to the young people and to address issues as they arise especially in terms of academic and practical needs that may be identified.
7. In September 2008, the CIT Access Office was successful in receiving funding from Bank of New York Mellon (BNY) to fund a "Study and Sports" Programme for 20 Junior Cycle children from the Glen in Cork city. The Programme is organised and delivered by a number of partners. The partnership involves the CIT Access Office, the CIT Recreation and Leisure Programme, the Glen Sports and Resource Centre, Youth and Community Workers in the Glen, Schools Completion Programme, Junior Achievement, and staff from Bank of New York Mellon. The project aims to assist young people from the Glen, by involving them in a programme of activity to assist them with their academic studies and through a fun exercise and sports programme encourage them to continue with their studies while introducing third level education as a real option. Students from the Glen are currently attending the Programme in CIT every Wednesday afternoon for 6 weeks.
8. Cork Institute of Technology were invited by the Royal Norwegian Ministry of Foreign Affairs to host an exhibition of Contemporary Norwegian Architecture 2000-2005 produced by the Norwegian National Museum of Art, Architecture and Design. This took place on 15 September 2008. The Ambassador to Ireland, Mr Truls Hanevol opened the exhibition and it was hosted with the kind assistance of RKD Architects.
9. The President hosted a reception on 15 September 2008 in honour of the achievements of a number of staff in CIT who have been recognised by the National Academy for the Integration of Research and Learning (NAIRTL) for Excellence in Teaching and for Financial Support for Research Activities and Projects.
10. Seven professors from the University of Applied Sciences in Darmstadt (Hochschule Darmstadt) visited the Institute on 18 September 2008. The purpose of their visit was to explore the possibility of establishing collaborative PhD programmes between the two institutions. This University, with CIT, already runs a jointly awarded, jointly accredited, Bologna-compliant, honours degree. There is also a long-established history of MSc collaboration between the Computing Departments of the two institutions, as well as linkages in the areas of Social Care, Civil Engineering and Electronics. New partnerships in the area of Biomedical Engineering, Instrumentation, and Business are being explored. Their visit coincided with the PhD viva of a computing student who is from Darmstadt.
11. As part of Cork Culture Night 2008, theatres, galleries, observatories, public laboratories, artist studios, prisons, historic houses and museums of Cork stayed open late and put on a range of special programmes for one night only.

Cork Institute of Technology Bishopstown Campus opened its doors on 19 September 2008 from 5.00 pm – 10.00 pm to the public and showcased the CIT Registrar's Collection of recent purchases from the CIT Crawford College of Art & Design students in 2008. An opportunity was also given to the public to view the exhibition of Contemporary Norwegian Architecture 2000-2005 produced by the Norwegian National Museum of Art, Architecture and Design.

CIT Crawford College of Art & Design remained open until 9.30 pm to offer the people of Cork a unique insight into the professional training journey of an artist with studio visits, talks and master classes.

Special buses were organised to bring people to and from the various venues in the City.
12. The Department of Biological Sciences organised and held the EU Canada funded project entitled "The Food Link – Food Law Conference" on 22 September 2008. The Minister for Education and Science, Mr Batt O'Keeffe, T.D. officially opened the conference.

13. The President attended the Tyndall National Institute, Cork on 22 September 2008 to witness the unveiling of a plaque by the Minister for Education and Science, Mr Batt O'Keeffe, T.D. to mark the successful research collaboration between Tyndall National Institute and Cork Institute of Technology.
14. A Memorandum of Understanding, formally approved by both the Chartered Institute of Building and the Higher Education and Training Awards Council, was launched on 3 October 2009 at Cork Institute of Technology. The CIOB commits itself to recognising honours degree awards of HETAC in the area of the Built Environment, including awards made by the Institutes of Technology under delegated authority. The CIOB agrees that such degrees, which are quality assured by HETAC and the Institutes themselves, will meet its academic requirements for Professional Membership. In addition, the Memorandum opens up pathways of progression for holders of appropriate Level 7 Degrees and National Diplomas. The bodies will use the concepts of the National Framework of Qualifications, and processes put in place by the National Qualifications Authority and HETAC.
15. The Institute's Careers Fair 2008 Exhibition took place in CIT on 7 October 2008. 43 organisations and 12 voluntary organisations were in attendance at the Exhibition.
16. Over 100 CIT staff participated in the Career Options Exhibition 2008 organised by the Cork Branch of the Institute of Guidance Counsellors held on 14 and 15 October 2008.
17. As part of the 53rd Corona Cork Film Festival 2008, CIT hosted "The Great Shorts" and "Focus on Robbie Ryan" on 14 and 15 October 2008 in the Bishopstown Campus. The screenings were free of charge and it was an opportunity for students with an interest in film or studying an arts/multimedia related discipline to view this work and engage with practitioners working the field.
18. The Launch of the Archimedes Leadership and Management Programme (under Strategic Innovation Cycle 1 – Project 4) on 22 October 2008 took place in the Bishopstown Campus. The presentation was delivered by consultants from Carr Communications and Pricewaterhouse Coopers. The Archimedes Programme is built around two sets of core modules – Leadership Development and Management Development and it is intended to be the "foundation for a range of initiatives to promote the enhancement of capability through the sector."
19. The President accepted an invitation from the Cork Chamber to be one of eight guest speakers at their Annual Conference entitled "Cork Renaissance – A Vision for the Future" held on 23 October 2008. The President spoke on "Higher Education – The Skills Perspective."
20. On 23 October 2008, Dr Jimmy Devins, T.D., Minister for Science, Technology and Innovation, officially opened two new technology centres at CIT. The CAPP and MEDIC centres, located on CIT's Bishopstown campus will further enhance the Institute's status at the forefront of technological research in Ireland.
21. Cork Institute of Technology Sailing Team (comprising of 9 students) on 31 October 2008 became World Champions after a week of intense competition at the Student Yachting Championships in La Trinité Sur Mer, France. One hundred and forty students represented ten countries at the event.
22. CIT Cork School of Music Conferings took place on 3 November 2008. 41 graduands obtained their parchments.
23. CIT Crawford College of Art & Design Conferings took place on 3 November 2008. 154 graduands obtained their parchments.
24. The Faculty of Business & Humanities Conferring of Degree and Other Awards took place on 7 November 2008. There were four conferring sessions and a total of 1,139 graduands obtained their parchments.
25. The Faculty of Engineering & Science Conferring of Degrees and Other Awards took place on 14 November 2008. There were three conferring sessions and a total of 1,022 graduands obtained their parchments.
26. A launch of the following two publications took place on 19 November 2008.
 - Education in Employment – Work-Based Learning Graduating Through the Workplace
 - Education in Employment – Framework for Progression of Craftspersons

The publications were produced by Dr Margaret Linehan and Ms Irene Sheridan respectively, lecturers who are seconded to the Strategic Innovation Projects Unit in CIT.
27. The Institute's Open Day took place on 22 November 2008.
28. On 26 November 2008, the fourth annual Faculty of Business and Humanities Awards ceremony took place in honour of CIT's highest achieving Business and Humanities graduates for 2008. A total of 34 awards were presented across the Faculty.
29. The fourth annual Faculty of Science Awards Ceremony took place on 26 November 2008. A total of 26 awards were presented across the Faculty.
30. The Institute's Sport Bursaries and Scholarships Awards took place on 8 December 2008. A total of 77 bursaries and scholarships were presented on the night. The Bursaries provide valuable assistance to students in their quest for sporting excellence. It is hoped that the recognition will encourage students to continue to strive for excellence in their chosen sports as well as continue their academic studies.
31. The President together with the Institute's International Officer and Senior Staff welcomed Ms Sophia Ilakis-Doherty, Director of International Recruitment and Outreach, Peninsula College, Washington State, USA to the Institute on 11 December 2008. The purpose of her visit was exploratory discussions on the possibility of a future partnership between Peninsula College and CIT.

32. The CIT Recreation and Leisure Group were delighted to announce that the Recreation Leisure Programme was granted European accreditation from the European Health Fitness Association (EHFA). EHFA is a not-for-profit organisation that sets standards for the health and fitness industry in Europe. It represents the interests of 15 national organisations (including the Institute of Leisure and Amenity Management (ILAM Ireland) spread across 22 countries. EHFA also has links to the International Olympic Council and the World Health Organisation. The implications for Recreation and Leisure students at CIT are that they will now leave CIT with internationally recognised accreditation in the areas of Gym Instruction and Personal Training.
33. The Faculty of Engineering Prize-Giving Ceremony took place on 15 January 2009.
34. The Access Office in CIT held a "Mature Student Information Evening" on 21 January 2009. Stands were displayed from the Faculties of Science, Engineering, Business & Humanities, CIT Cork School of Music, CIT Crawford College of Art & Design and Recognition of Prior Learning. There was a great turn out with almost 150 prospective mature students in attendance.
35. Ms Angela Brew from the University of Sydney visited the Institute on 27 January 2009. The purpose of her visit was to meet with interested staff in CIT to share her considerable expertise regarding the integration of Research and Teaching and Learning.
36. The formal signing of the Construction Contract for the NEMBES Building took place on 5 February 2009.
37. The Spring Conferring Ceremony took place in the National Maritime College of Ireland on 12 February 2009.
38. The CIT Launch of 2009 Ulster Bank Sigerson Cup Weekend took place on 16 February 2009 at the Institute's Sports Stadium.
39. CIT Business Society, assisted by lecturers Maurice Murphy and Michael Walsh, organised the Annual CIT Business society lecture on Business Careers. A full capacity audience of students attended the lecture on 17 February 2009. This event is held annually, where former students of CIT's Business course visit and talk about their career path thus far, as well as their present roles.
40. The Annual Precision Engineering Awards 2007/08 were held in CIT on 19 February 2009.
41. An Irish Times Report by Peter Cluskey titled "Cork Sailor Goes with the Flow" and photo of CIT Engineering Graduate Charles Dwyer and company Lowflo appeared in the "Irish Times Business This Week" on 20 February 2009. Charles undertook his final mechanical engineering project on Antarctic Cup Yacht Keel Design in conjunction with Ron Holland Yacht Design of Kinsale under the supervision of Dr Gerard Kelly. Charles also represented CIT and Ireland in the European Student Sailing Championships.
42. CIT's Eurostar Finals took place on 24 February 2009. This is a collaborative project between the Chaplaincy/Student Support Team, the Student's Union and the Arts Office.
43. The Careers section of the Careers & Counselling Service ran a series of Career Workshops from 25 February to 13 March 2009 to facilitate and support the job search skills of our students. The workshops covered the topics: Writing a Good CV, Interview Technique, Job Search Skills followed by Open CV Review Sessions at the Service.
44. ArtsFest – CIT's annual festival of the arts was officially launched in an event connecting the NMCI, Blackrock Castle Observatory, CIT Cork School of Music, CIT Crawford College of Art & Design and CIT Bishopstown Campus on 3 March 2009.
45. On 3 March 2009, Tralee IT hosted the "IT Factor" where the judges were looking for Best Original Song & Best Cover Song for 2009. This competition was open to all the Institutes of Technology. The results were a double victory for CIT.
 - 1st Place – Triona O'Neill, Pierre O'Reilly and Jess Maderson – Best Original Song.
The three students are all studying for a degree in Music at CIT Cork School of Music
 - 1st Place – Fiona Kelly – Best Cover Song
Fiona is a second year student of Tourism
46. The newly crowned "Miss Cork" is Etaoin Ó Hailpín who is a third year Business Administration student in the Department of Accounting & Information Systems.
47. Mr Micheál Martin, T.D., Minister for Foreign Affairs launched the Arts in Healthcare report on 9 March 2009 in CIT Cork School of Music.
48. The Team representing Cork Institute of Technology – 3rd year Degree students in Business Hospitality Management are this year's winners of the Irish Hospitality Institute National Hospitality Business Management Game this year in Galway. In one of the toughest challenges in memory, they emerged victorious from among 14 other competitor teams representing twelve Institutes and Colleges.
49. The 8th CIT Prize for Innovation took place on 13 March 2009. The keynote address was given by Dr Edward de Bono who is regarded by many as the leading authority in the world in the field of creative thinking and direct teaching of thinking as a skill.
50. NASA Astronaut and Flight Engineer for the International Space Station, Dan Tani launched events for Earth Hour at Blackrock Castle Observatory on 16 March 2009. Over €2,000 was raised at the benefit for the Earth Garden. The awareness exercise had impacted on over 400 visitors, old and young from a variety of demographics.
51. CIT's first ever Staff Charity Gala Ball in aid of CABAS (Education and Development of children with autism) took place on 20 March 2009.

52. The SIF sponsored Learning Innovation Network sponsored a series of workshops in the area of teaching and learning to be held at partner Institute of Technologies. CIT's Teaching and Learning Unit hosted a workshop on "Problem Based Learning" on 23 March 2009. It was delivered by Dr Brian Bowe, Head of Learning Development, Faculty of Engineering, DIT.
53. The Finals of the National Skills competition 2009 took place at the Institute on week beginning 30 March 2009. This year also marked the 30th anniversary of the World Skills competitions which were held in the Institute in 1979. This year over 70 competitors competed for the Department of Education and Science Silver Medal in twelve skills (Carpentry, Construction Plant Fitter, Cookery, Electrical Installation, Industrial Control, Joinery, Mechatronics, Metal Fabrication, Painting & Decorating, Refrigeration, Welding and Plastering).
54. CIT in association with the Cork Lifelong Learning Festival held a seminar on "Lifelong Learning in the Current Economic Climate" on 2 April 2009. Guest speakers were Helen Keogh, National Co-Ordinator of the Vocational Training Opportunities Scheme and Dermot Coughlan, Director of Lifelong Learning and Outreach at the University of Limerick.
55. The annual CIT/AIB Student Societies & Activities Awards took place on 2 April 2009. In all, eleven awards were presented, four group and seven individual.
56. The Genesis Showcase and Awards 2009 took place in the Institute on 6 April 2009. It was officiated by Mr Billy Kelleher, Minister for Trade and Commerce who attended on behalf of Mr Micheál Martin, T.D., Minister for Foreign Affairs. This event, now in its 11th year, featured the new businesses whose development was supported by Genesis over the 2008/09 programme. The independent Adjudication Panel was composed of business experts and experienced entrepreneurs. The panel assessed the businesses graduating from the Programme based on their judgement of the innovation, marketplace potential and commercialisation progress of the project. A total of six awards were presented.
57. On 5 April 2009, the CIT Sailing Team were crowned Irish Student Yachting Champions and for a second year running, Irish University Sailing Association Champions, hence qualifying to return to France to take on the world once again.
58. The CIT International Student Society took centre stage at a Gala Ceremony in Athlone, were awarded National Society of the Year by the Board of Irish Colleges Societies. The Society, which was recently awarded the CIT/AIB Society of the Year, is a previous winner of the National Award in 2006 when the event was hosted by CIT.
59. Mr Eamon Ryan, T.D., Minister for Communications, Energy and Natural Resources visited Cork Institute of Technology on 17 April 2009 to be briefed by Mr Chris Gibbons, Lecturer, Department of Mechanical Engineering on the Sustainable Energy degree programme and on other energy-related activities in the Institute. The Minister was accompanied on his visit by Senator Dan Boyle, Green party Chairperson.
60. A two-day national research meeting on the 23 and 24 April was hosted by Professor Kevin James, Director of Research, PROTEOBIO, CIT. The meeting included seminars that were held for the dissemination of preliminary research results and were delivered by PhD students and post-doctoral researchers who are currently funded by the HEA, under PRTL14, for a €12m research project that will run until 2012. This is Ireland's largest research project on Climate Change and is entitled, "Environment and Climate Change Impacts and Responses."
61. At the request of the Greater Chernobyl Cause, His Excellency Ukrainian Ambassador Borys Bazylevskyi visited the Institute along with Ms Iryna Shevchenko, Third Secretary and Ms F Corcoran, CEO, Greater Chernobyl Cause on 24 April 2009. They were welcomed by
- The President, Dr Brendan Murphy
 - Dr Barry O'Connor, Acting Registrar
 - Mr Damien Courtney, Head of Faculty of Business & Humanities
 - Mr Ray Coughlan, Head of School of Humanities
 - Mr Jim Walsh, Head of Department of Social Studies
- They met the two Social Care students who invited him to CIT while completing their work placement in the Ukraine last year and they also met the Institute's Ukrainian students.
62. Eighteen graduates of the Taught Master of Business Studies (MBS) were conferred at a ceremony at CIT on 24 April 2009. This was the first occasion in which graduates from the Faculty of Business and Humanities were being conferred with a Masters Degree which was attained through a combination of a taught programme and a major research dissertation.
63. The 2009 Mechanical, Manufacturing and Biomedical Engineering Exhibition took place in the Institute on 30 April 2009. There were 120 stands at this year's event and the theme of the exhibition was "The Integration of Innovation in Engineering Education and Research." The exhibition acts as a formal showcase for innovation and multi-discipline research, design and development projects and serves as a very important academic and educational milestone/catalyst, exposing the student to peer, academic, family, general public and industrial review.
64. The Annual CIT Institute Prizegiving Ceremony took place on 28 April 2009. This event celebrated the highest level of achievement of students in the three taught level of courses in the Institute (Degree, Honours Degree and Taught Masters).
65. The Annual CIT SciFest Exhibition 2009 took place on 30 April 2009. The exhibition featured a total of 36 groups and individual projects covering topics in the Life, Physical and Chemical Sciences presented by students from a number of schools in the greater Cork area. From the comments received, the festival was very worthwhile.
66. CIT Bishopstown Campus hosted the 2009 Siemens Lecture Series during the month of May, a probing series of topics relating to climate change. The lectures were free and open to the public.

67. An Exhibition titled "James and the Giant Peach" officially opened on 5 May 2009 and ran until 8 May 2009. A very original and colourful exhibition of thematic Art work by 1st and 3rd year students of the Early Childhood Care and Education (Art) course.
68. The Director General of Engineers Ireland, Mr John Power, together with ESB representatives visited the Institute on 5 May 2009 to discuss a possible scheme for ESB apprentices to join our courses under a scholarship scheme. They met with the Registrar & Vice President for Academic Affairs and the Head of Faculty of Engineering & Science.
69. The Royal Institute for the Architects of Ireland (RIAI) Accreditation Panel visit in relation to the joint CIT/UCC Architecture Programme took place on 6 May 2009 in the Cork Centre for Architectural Education. All individual meetings with the different groupings were very constructive and positive and the informal feedback was they were very happy with the development of the Centre. They will visit the Centre twice per year in the coming years to monitor progress.
70. The CIT Crawford College of Art & Design 2009 Continuing Visual Education Exhibition titled "Nightshift" took place from 11 to 15 May 2009.
71. On 18 May 2009, CIT hosted a conference on IT Identity Management and Single Sign, called EuroCAMP. This is an annual event, involving many 3rd level institutions across Europe. The conference focused on making it easier for staff and students within each Institute to access data within their Institute, or to enable easier, better collaboration between different Institutes, by agreeing standards, approaches and technical solutions.
72. The opening of the Cork Centre for Architectural Education's third Annual Exhibition of student work took place on 22 May 2009.
73. While in Vilnius presenting a paper at a conference on Art and Health, Mr Ed Kuczaj, Head of Department of Art Therapy & Continuing Visual Education was invited to address the Lithuanian parliament. While addressing the parliament, he raised Ireland's and CIT's profile in a very worthwhile manner.
74. The 17th Annual CIT Crawford College of Art and Design Degree show opened on 19 June 2009 and ran until 27 June 2009. The show is the showcase for the BA (Honours) Degree Class organised by them to showcase their creative development. The show, this year, titled "Site 46" is traditionally one of the highlights of the artistic calendar in the city, where the public get an opportunity to view and buy from the up and coming practitioners and future stars of the Arts World.
75. The Clean Technology Centre (CTC) in CIT is continuing its success with the Irish Green Hospitality Award (GHA). The award, begun by CTC in 2004 in Cork, was expanded in 2006 to the Limerick, Clare and Kerry regions. Now, with support from the Environmental Protection Agency (EPA), the programme has gone national with 150 members from all around Ireland, including CIT's own Department of Tourism & Hospitality Studies.
- The Green Hospitality Award is a step-by-step environmental certification programme specifically designed for the hospitality industry. Awards are given at Bronze, Silver, Gold or Platinum levels to hotels, restaurants, and bars throughout Ireland.
76. CIT (with support from the Clean Technology Centre) has acquired a grant aid of over €150,000 to help green its Bishopstown campus in a major environmental project. The grant aid is from The Environmental Protection Agency (EPA) as part of its Cleaner Greener Production Programme (CGPP) to support business and enterprise in Ireland to improve its environmental performance.

7.2 CIT Alumni Association (CITAA)

The CIT Alumni Association (CITAA) is the means through which CIT Alumni can maintain close links with their alma mater and with fellow graduates and also avail of a wide range of benefits and services. The loyalty, support and involvement of graduates with the Institute is vital to ensure CIT's future success in delivering Ireland's knowledge-based economy. The CITAA has approximately 12,000 members. The database holds details of graduates from all campuses, at all levels and from all disciplines.

The Learning City magazine is circulated once a year to all registered alumni and the CIT Alumni Association (CITAA) section focuses on graduate news and the latest developments with the association. Registered graduates whom we have an update to email address also receive a monthly E-News from the Association. Graduates are encouraged to keep their contact details current through email, website, social networking sites or direct contact with the CITAA.

CIT provides all alumni with free membership of the CIT Alumni Association (CITAA). A wide range of benefits, services and events are on offer to registered members.

An Alumni Association Committee is in its fifth year and consists of graduates and staff who have dedicated themselves to serve on the CITAA Committee to advise the Association and the Institute on how to best engage with our Alumni and to further develop the Association.

Membership Benefits and Services

- Access to worldwide and regional chapters of the CIT Alumni Association
- Access to social networking sites such as Facebook and professional networking sites such as LinkedIn
- A choice of CIT affinity credit cards with either AIB or Bank of Ireland which offer cardholders preferential rates
- Class reunion services
- Discounts for services
- Monthly E-News (please ensure we have an up to date email address)
- Mailing of the Learning City magazine (please ensure you keep us updated with contact details).
- General information about careers, interview skills and CV development for recent graduates (for 1st year out graduates)
- Academic Assistance - to obtain CIT transcript of results please complete the 'Request for Transcript for Results Form.
- Access to CIT facilities (including library membership)
- Invitations to various events

Events 2009

CIT Alumni Golf Classic 3 April 2009

CIT UpSkill 28 August 2009

7.3 Contact Points

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Note:

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