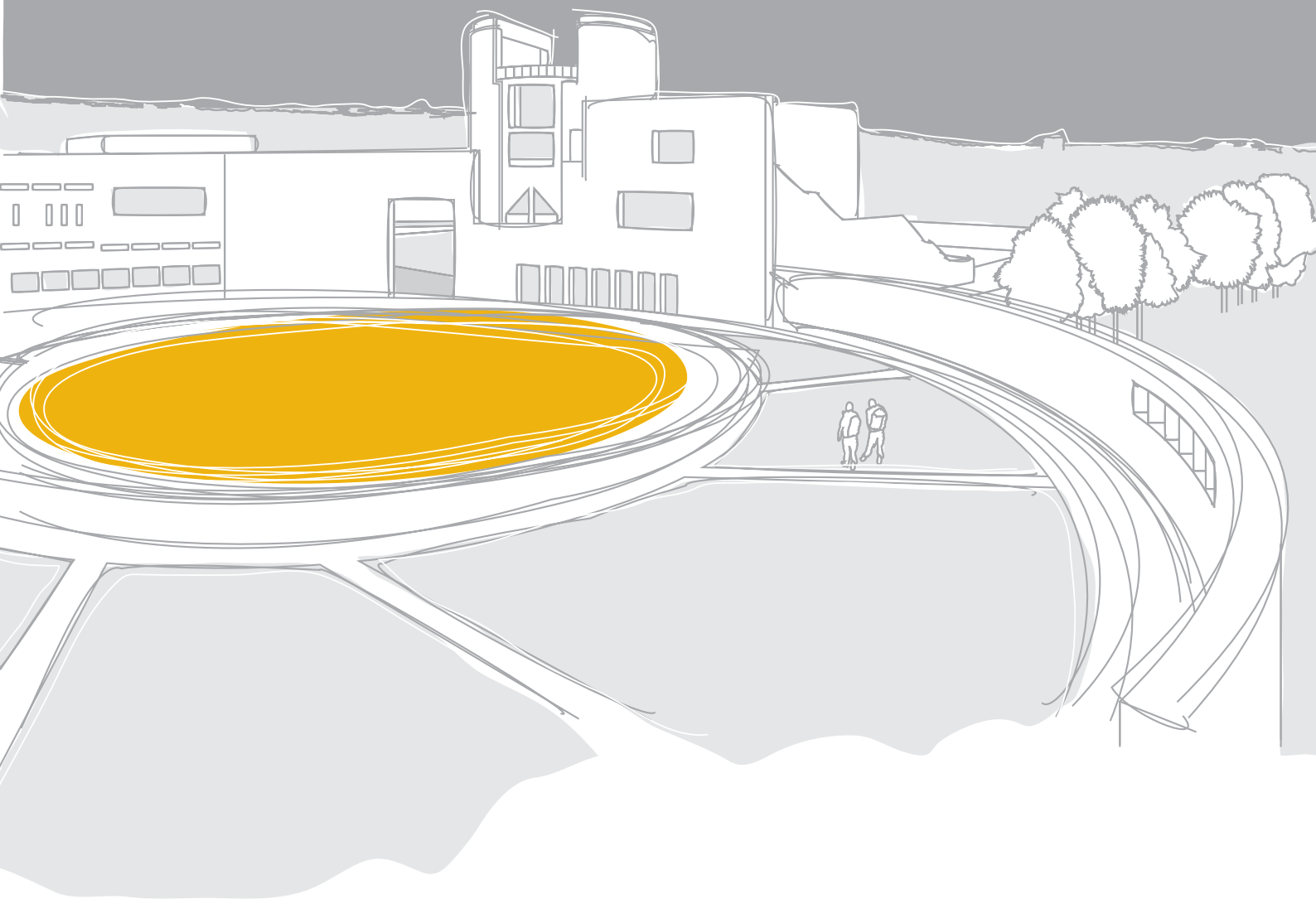


# annual report 07/08

cork institute of technology







*Cork Institute of Technology*

*annual report* **07/08**

# history

4

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.

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.

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 on 26 May 2008.

## 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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Cork Institute of Technology

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# *introduction*

*Cork Institute of Technology*

**1.1** *Chairman's Statement*

**1.2** *President's Statement*

**1.3** *Equality Statement*

**1.4** *Irish Language & Culture*

## 1.1 Chairman's Statement



I am delighted to present this Annual Report of Cork Institute of Technology for the year 2007/2008. 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.

The year got off to a great start with the opening of the new CIT Cork School of Music building, a world class facility that will provide the best opportunities for music and drama education for the city of Cork and the region of Cork and for people of all ages. The successful completion of this project is a credit to all those who supported it over the many years of its development.

Modularisation and Semesterisation was introduced successfully for first year students with a view to its full implementation next year. The benefits in terms of effectiveness and efficiency were well achieved.

Structural organisational changes to reflect more delegation of authority and responsibility were completed with the filling of permanent Heads of Faculty positions in Science, Engineering and Business & Humanities.

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 received PRTL funding of €18.2 million, part of which was to provide facilities which will further imbed its potential in this area.

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 2007/2008.

**Dr Paddy Caffrey**  
**Chairman**

## 1.2 President's Statement



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

### A. Building and Estates

The official opening of the CIT Cork School of Music by the Minister for Education and Science, Ms Mary Hanafin T.D. took place on 14 September 2007. A naming ceremony to mark the dedication of facilities at CIT in honour of the contributions of eight exceptional individuals – with Cork connections – to the fields of Art, Music, Literature and Philosophy took place on 6 March 2008 in the James Barry Exhibition Centre, Bishopstown Campus. The individuals honoured were:

- (i) James Barry
- (ii) George Berkeley
- (iii) Rory Gallagher
- (iv) Daniel Maclise
- (v) Séamus Murphy
- (vi) Frank O'Connor
- (vii) Seán Ó Riada
- (viii) Seán Ó Riordáin

The official opening of the CIT Sport Stadium by the newly appointed Minister for Education and Science, Mr Batt O'Keeffe T.D. took place in the Institute on 26 May 2008. The official unveiling of "Light Ensemble" Ms Vivienne Roche's major new ensemble of sculptures by the Minister for Foreign Affairs, Mr Micheál Martin T.D. took place at the CIT Cork School of Music on 30 June 2008. The sculptures are a precise and studied advance of the geometrical beauty and luminosity of the new CIT Cork School of Music. "Light Ensemble" is the gift of Murray O'Laoire Architects and Sisk Builders to the Institute.

### B. Academic Matters

The CIT Alumni Awards took place on 6 September 2007. The main aim of the awards is to celebrate the life-long value of a CIT education and to provide inspiration for others, peers and current students. Conferings took place at the Bishopstown Campus on 12 and 19 October 2007. A total of 2,206 graduands obtained their parchments. The joint Hochschule Darmstadt, the Higher Education and Training Awards Council and Cork Institute of Technology Award was presented for the first time to students of the Bachelor of Arts (Honours) in Multimedia. The Department of Continuing Education had its first award of a PhD. The joint University College Cork, the Higher Education and Training Awards Council and Cork Institute of Technology Award was presented for the first time to students of the Master of Science in Biomedical Science. The first major phase of Modularisation and Semesterisation was successfully implemented for first year programmes during the academic year 2007/08. The signing of a Memorandum of Understanding (MoU) between University of Pune, India and Cork Institute of Technology took place in April 2008. This is one of the first Memorandums of Understanding between a University in India and Ireland and facilitates collaborative research in areas such as physical and life sciences as well as engineering, biotechnology, embedded systems and pharmaceuticals.

### **C. Strategic Matters**

The launch of the Institute's new Corporate Identity took place on 6 December 2007. A series of meetings took place at the Institute during February and March 2008 to brief staff in relation to the HEA Budget 2008 and the Institute's Strategy and way forward. CIT's application for designation as a University in accordance with Section 9 of the Universities Act 1997 was lodged with the Department of Education and Science on 12 March 2008.

### **D. Staff**

Mr Michael Loftus, Head of Faculty of Science, Mr Liam Hodnett, Head of Faculty of Engineering and Mr Damien Courtney, Head of Faculty of Business & Humanities took up duty in a permanent whole time capacity in their respective posts on 7 December 2007. Ms Katherine Keane took up duty as Head of Department of Architecture on 7 January 2008. Ms Keane joined the Institute from Washington State University. A retirement function was held on 4 April 2008 in honour of staff who retired since I took up duty on 1 September 2004. Dr Kevin James, Senior Lecturer 1 (T), Department of Chemistry was made First Adjunct Professor for University College Cork and Cork Institute of Technology. The title was given to Dr James in recognition of his outstanding academic track record.

### **E. Governing Body**

The Minister for Education and Science appointed Ms Máire Roycroft as an ordinary member of the Governing Body in December 2007.

### **F. Arts, Culture and Sport**

RTE Radio aired a live broadcast of the Opening Concert of the 28th EBU Folk Festival on 31 August 2007 at 8.00pm from the Curtis Auditorium, CIT Cork School of Music. The launch of the Irish Chamber Orchestra 2007/08 Season took place on 4 September 2007 at the CIT Cork School of Music. The Irish Chamber Orchestra has been appointed Orchestra in Residence at the CIT Cork School of Music. The President of Ireland, Ms Mary McAleese officially visited the CIT Cork School of Music on 25 January 2008. The Official launch of the 2008 Ulster Bank Fitzgibbon Cup Intervarsity Hurling Championships took place at Bishopstown Campus on 18 February 2008. GAA President, Mr Nicky Brennan attended the launch. The Institute had the honour of hosting the event from 29 February to 1 March.

### **G. Innovation and Research**

CIT students have been awarded the prestigious top prize at the 2007 Student Enterprise Awards, Ireland's biggest third level business awards. Students John J Barry, Orla Houlihan, Niamh Brady and Regina O'Donoghue of team Apri-COT won the coveted €10,000 top prize and title "College Entrepreneurs of the Year" and the €5,000 Cruickshank Technology Innovation Award. The CIT MEDIC proposal was approved by the Enterprise Ireland Board and awarded €1.25m to the Medical Devices Research at CIT. Blackrock Castle Observatory won a prestigious American Science Award which has for the first time, gone to a facility outside of the US. The Observatory was one of 17 winners of the Thea Award, which recognises excellence in the creation of outstanding visitor exhibits. The prestigious 2007/2008 SFI ETS Walton Visitor Award Programme was won by Professor Sajal K Das and his sponsor Dr Dirk Pesch, Lecturer, Department of Electronic Engineering, CIT. CIT's Med—Ware™ Team won the Cruickshank Most Technologically Innovative Project Award in June 2008 at the 25th Student Enterprise Awards.

**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.

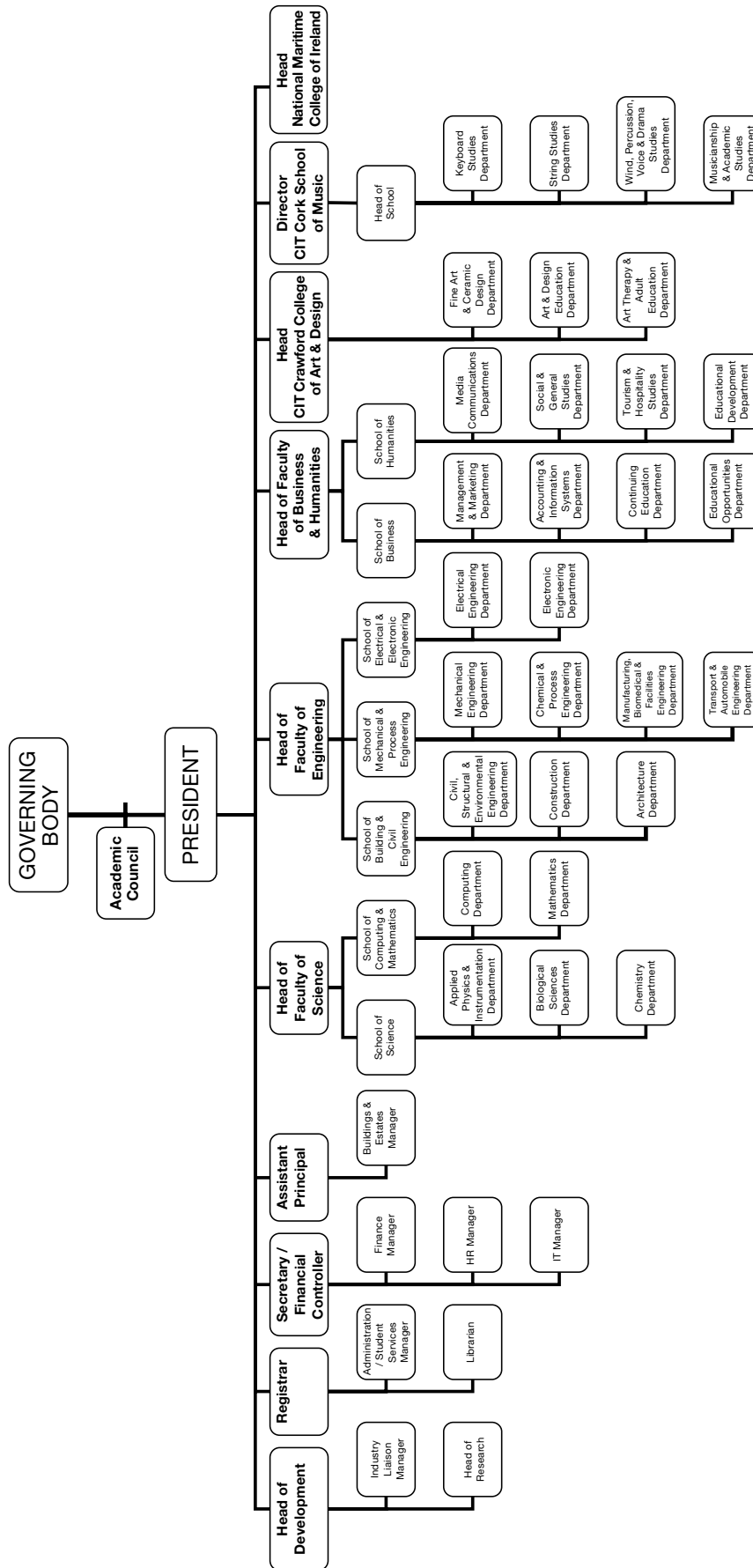
A committee of the Governing Body, An Coiste Gaeilge, has been in existence for a number of years to assist the Institute in this regard. It has formulated plans to meet the statutory requirements and these have been approved by the Governing Body.

# *governance*

*Cork Institute of Technology*

- 2.1** *Institute's Organisation Chart*
- 2.2** *Membership of Governing Body*
- 2.3** *Governing Body Meetings*
- 2.4** *Institute Executive Board (IEB)*
- 2.5** *Institute Senior Staff*

## 2.1 Institute's Organisation Chart



## 2.2 Membership of Governing Body

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

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

The membership of the Governing Body during the Academic Year 2007/08 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 (from December 2007)  
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 2007  
Ms Marie Claire Jennequin (Nominee of Students Union) up to 30 September 2007  
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

#### **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 Engineers Ireland)

## 2.3 Governing Body Meetings

During the period from 1 September 2007 to 31 August 2008, the Governing Body met on eleven separate occasions including one special meeting. They met on the following dates:

Thursday 6 September 2007

Thursday 4 October 2007

Thursday 15 October 2007

Thursday 1 November 2007

Thursday 6 December 2007

Thursday 7 February 2008

Thursday 6 March 2008 (Special Meeting)

Thursday 3 April 2008

Thursday 1 May 2008

Thursday 5 June 2008

Wednesday 2 July 2008



## 2.4 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

Mr Brendan Goggin, Registrar

Ms Claire Sinnott, Secretary/Financial Controller

Mr Michael Delaney, Head of Development

Mr Liam Hodnett, Head of Faculty of Engineering

Mr Damien Courtney, Head of Faculty of Business & Humanities

Mr Michael Loftus, Head of Faculty of Science

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.

## 2.5 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 Murphy, BA, MA, PhD, FSS, FICS, CEng, FIEI

### Institute Executive Board

Assistant Principal  
Registrar  
Secretary/Financial Controller  
Head of Development  
Head of Faculty of Engineering  
Head of Faculty of Business & Humanities  
Head of Faculty of Science  
Head of National Maritime College of Ireland  
Director, CIT Cork School of Music  
Head, CIT Crawford College of Art & Design (Acting)

Dr Michael Noonan, MSc, PhD, MIBiol  
Mr Brendan Goggin, BSc, HDipEd  
Ms Claire Sinnott, MA, BBS, DPA, FAA  
Mr Michael Delaney, MSc, MEd, MIBiol, HDipEd, MICI, MESAI, ATCL  
Mr Liam Hodnett, ME, Eurlng, CEng, FIEI  
Mr Damien Courtney, BA, MA(Louv), MPhil(Louv), MIUSSP  
Mr Michael Loftus, BE, MEngSc, MICS  
Capt John Clarence, MBA, BA, Master Mariner  
Dr Geoffrey Spratt, BA, PhD  
Ms Orla Flynn, MSc, MA, MICS, MIDI

### Head of Research

Dr Niall Smith, BSc, PhD

### Deputy Registrar

Mr Ed Riordan, BSc

### Central Services Managers

Administration & Student Affairs Manager  
Buildings Estates Manager  
Finance Manager  
Human Resources Manager  
Industry Liaison Manager  
IT Manager

Mr Eamon O'Connor  
Mr Kevin McCarthy, MSc, CEng, MIEI  
Mr John Cogan  
Mr Anthony Collins, MA, AIPM, MSAI  
Ms Josette O'Mullane, BComm, ACMA  
Mr Gerard Culley, BEng, MIEI, CCNA, CISSP

### Librarian

Mr Derry Delaney, BA, DLIS

### BISHOPSTOWN CAMPUS:

#### FACULTY OF ENGINEERING

Head of Faculty

Mr Liam Hodnett, ME, Eurlng, CEng, FIEI

#### School of Building & Civil Engineering:

Head of School (Acting)  
Head of Department of Civil, Structural  
& Environmental Engineering  
Head of Department of Construction  
Head of Department of Architecture

Dr Joseph Harrington, BE, MS, PhD, CEng, FIEI, Eurlng, PE  
Mr Desmond Walsh, BE, MSc, DIC, CEng, MIEI, MICE

Dr Daniel Cahill, MSc, PhD, MRICS  
Ms Katherine Keane, BSc in Arch, MArch, ARIAI

#### School of Mechanical & Process Engineering:

Head of School  
Head of Department of Chemical & Process Engineering  
Head of Department of Mechanical Engineering  
Head of Department of Manufacturing, Biomedical  
& Facilities Engineering  
Head of Department of Transport & Automobile Engineering

Dr Barry O'Connor, BE, MEngSc, BCL, PhD, CEng, MIEI  
Mr John O'Shea, BEng, CEng, FICHEME, FIEI  
Mr Matt Cotterell, BE, MED, CMfgE, MIEI, AMIMEchE  
Mr Daithi Fallon, BE, MEngSc, CEng, MIEI, CQE

Vacant

#### School of Electrical & Electronic Engineering:

Head of School (Acting)  
Head of Department of Electrical Engineering (Acting)  
Head of Department of Electronic Engineering (Acting)

Mr Barry Leach, MSc, Eurlng, CEng, FIEI, MCIBSE, MASHRAE, MIEE, MSLI  
Dr Noel Barry, BE, ME, PhD, CEng, MIEI, MPES, MIAS  
Dr Joe Connell, BSc (Eng), MSc (Eng), PhD, CEng, FIEI, MIEEE

## FACULTY OF BUSINESS & HUMANITIES

Head of Faculty

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

### School of Business:

Head of School

Dr Tom Rigney, FCCA, DipEdAdmin, MBS, MA, MEd, Doctorate

Head of Department of Management & Marketing

Mr Brian McGrath, BComm, FCA, MMII

Head of Department of Accounting & Information Systems

Mr Gerard O'Donovan, BComm, MBA, MMII, MICS

Head of Department of Continuing Education

Mr Paul Mahony, FCA, FCPA, MBS

Head of Department of Educational Opportunities

Ms Marese Bermingham, BComm, HDipEd, HDipGC, MIGC

### School of Humanities:

Head of School (Acting)

Mr Ray Coughlan, BE(Elec), MEngSc, MIEI

Head of Department of Social & General Studies

Mr Jim Walsh, BA, HDipEd, BCL, LLB, MEMI

Head of Department of Media Communications (Acting)

Ms Rose McGrath, MA, Dip Ed, BDes

Head of Department of Tourism & Hospitality Studies

Mr Adrian Gregan, BA, MBS, Dip H&C Mgmt, FIHI, Post Grad Dip Hosp Ed

Head of Department of Education Development (DEIS)

Vacant

## FACULTY OF SCIENCE

Head of Faculty

Mr Michael Loftus, BE, MEngSc, MICS

### School of Science:

Head of School

Dr Eamonn Cashell, BA(Mod), BSc, PhD, CPhys, MInstP

Head of Department of Applied Physics & Instrumentation

Dr Liam McDonnell, BSc, PhD, CPhys, FInstP

Head of Department of Biological Sciences

Dr Hugh McGlynn, BSc, PhD, FHEA

Head of Department of Chemistry

Dr John Wood, BSc, PhD, CChem, MRSC, FICI

### School of Computing & Mathematics:

Head of School

Vacant

Head of Department of Computing

Mr Jim O'Dwyer, BA(Mod), HDipEd, CEng, FICS, MBCS

Head of Department of Mathematics

Mr Kevin Kelly, BSc, MSc, HDipEd

## CIT CORK SCHOOL OF MUSIC

Director

Dr Geoffrey Spratt BA, PhD

Head of School

Ms Aiveen Kearney, MA, BMus, HDE, ATCL

Head of Department of Keyboard Studies

Dr Gabriela Mayer, DMA, MMus, BMus, Dip Berlin Hochschule

Head of Department of String Studies (Acting)

Ms Joan Scannell, MA, BMus, DipCSM, LTCL

Head of Department of Wind, Percussion, Voice

Mr John O'Connor, MA, BMus, HDE, FTCL, LRSM

& Drama Studies

Head of Department of Musicianship & Academic Studies

Ms Maria Judge, BMus, Dip Kodály Intézet Hungary

## CIT CRAWFORD COLLEGE OF ART & DESIGN

Head (Acting)

Ms Orla Flynn, MSc, MA, MICS, MIDI

Head of Department of Fine Art & Ceramic Design

Mr Kevin Gill, ANCAD, MA

(Acting)

Head of Department of Art & Design Education

Mr Albert Walsh, MEd, Dip ADT, ND Design

Head of Department of Art Therapy & Adult Education

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*
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- 3.5 Approved Courses – Full-Time*
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## 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 seven occasions during the period 1 September 2007 to 31 August 2008 as follows:

Wednesday, 10 October 2007  
 Wednesday, 21 November 2007  
 Wednesday, 23 January 2008  
 Wednesday, 27 February 2008  
 Wednesday, 9 April 2008  
 Wednesday, 14 May 2008  
 Tuesday, 20 May 2008 (Special Academic Council)

### 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        |
| Barry Leach       | Head of School of Electrical & Electronic Engineering (Acting)                            |
| Barry O'Connor    | 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   |
| Ed Kuczaj         | Head of Department of Art Therapy & Adult 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  |
| Gerard O'Donovan  | 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 (Acting)                                   |
| 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 Hodnett      | Head of Faculty of Engineering  |
| Liam McDonnell    | Head of Department of Applied Physics & Instrumentation                                   |
| Marese Bermingham | Head of Department of Educational Opportunities   |
| Maria Judge       | Head of Department of Mechanics & Academic Studies  |
| Matt Cotterell    | Head of Department of Mechanical Engineering  |
| Michael Loftus    | Head of Faculty of 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 Slinye       | Modularisation & Semesterisation Facilitator  |
| Ray Coughlan      | Head of School of Humanities (Acting)   |
| Rose McGrath      | Head of Department of Media Communications (Acting)                                       |
| Tom Rigney        | Head of School of Business  |
| Vacant            | Head of Department of DEIS  |
| Vacant            | Head of Department of Transport & Automobile Engineering                                  |

**SENIOR EXECUTIVE**

|                 |                                |
|-----------------|--------------------------------|
| Brendan Goggin  | Registrar                      |
| Claire Sinnott  | Secretary/Financial Controller |
| Michael Delaney | Head of 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   | Strategic Planning Facilitator                 |

**STUDENT REPRESENTATIVES**

|                  |   |
|------------------|---|
| Brian O'Sullivan | President of Students Union, CIT                |
| John Grant       | Education Vice President of Students Union, CIT |

**ELECTED ACADEMIC STAFF**

|                   |   |
|-------------------|---|
| Aidan Coffey      | School of Science                             |
| Aileen Donnelly   | CIT Cork School of Music                      |
| Aine 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

## 3.2 Academic Council Executive Committee Membership

### The composition of the Academic Council Executive Committee is:

1. The President (ex-officio)
2. The Registrar (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 if 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 who shall act as Secretary of the Executive Committee. In the absence of the Registrar, 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**

Daithi Fallon (Chairman)

#### **ACADEMIC REVIEW COMMITTEE**

Tadhg Leane (Chairman)

#### **ADMISSIONS COMMITTEE**

Jim O'Dwyer (Chairman)

#### **LEARNING RESOURCES COMMITTEE**

Harvey Makin (Chairman)

#### **REGULATIONS COMMITTEE**

Kevin Kelly (Chairman)

#### **RESEARCH & DEVELOPMENT COMMITTEE**

Niall Smith (Chairman)

#### **STANDING ORDERS COMMITTEE**

Jim Walsh (Chairman)

## 3.4 Academic Development

### **Modularisation & Semesterisation**

In September 2007, the Institute moved to a modularised and semesterised delivery for all first year students. The relevant modules and semester schedules had been approved by academic quality assurance panels during the previous year and accompanying this was a major academic, administrative, and ICT effort. Every aspect of delivery from enrolment to assessment and timetabling is affected by modularisation and semesterisation. Academic Council, Governing Body and the Executive of the Institute at various points during the year recorded their appreciation for the cooperation and work of students and staff.

Presentations and publications were made to external audiences including Guidance Counsellors, parents and prospective students to brief them on the new system. Full implementation of modularisation and semesterisation for all undergraduate stages is due to commence in September 2008.

### **Revised Regulations – Marks and Standards**

Throughout the academic year the Academic Council and its Regulations Committee addressed the modification of Marks and Standards regulations for the modularised environment. Following debates at several Academic Council meetings and extensive consultations, a revised document entitled “Regulations for Modules and Programmes (Marks and Standards)” was adopted by the Academic Council in May 2008 and approved by the Governing Body in July 2008.

### **Conversion to *ab initio* Level 8 Programmes**

It had been apparent for some time that the Institute needed to enhance its presence in the CAO Level 8 list, since many applicants using the CAO system do not give sufficient attention to the many excellent options available in CIT on the Level 6/7 list. Many of the latter have follow-on options for honours degrees, but these were not visible in the CAO Level 8 list.

A policy framework was approved by Academic Council in November 2007 which facilitated in appropriate cases the conversion of 3 + 1 year courses (i.e. level 7 with honours degree add-on) into *ab initio* four year honours degrees. The policy made provision for the retention of the 3 + 1 model alongside the new honours *ab initio* degree in most cases, and it also set criteria under which the former structure could be deleted. Several programmes were so converted during 2007 – 2008, following independent review by panels of experts drawn from within and outside the Institute.

### **Status of the Institute, University Application**

In the decade since the change of title from Cork RTC to CIT, the Institute had made progress in terms of delegated authority to PhD level and also in research accreditation. Meanwhile,

some Institutes had made application for University status (DIT and WIT) and the model of a National Technological University had been floated in the sector. Under the auspices of the Academic Council a consultation process on such issues was conducted and a discussion document was presented to Council in January 2008. The President informed the Academic Council in April 2008 that the Governing Body had approved the lodging of an application for CIT to become a Technological University, a move which had been made urgent by events nationally.

### **Programmatic Review**

The Engineering and NMCI Programmatic Review processes were completed in 2007-2008, with the revalidation for up to five years of the relevant programmes. The revised programmes were presented in modularised and semesterised format. In the case of Engineering, the Academic Council approved an easing of the requirement for free choice, to a minimum of 20 credits in a four-year programme. A significant body of findings and recommendations accompanied each review report.

### **Research Strategy**

The Institute’s Research Strategy was updated and developed very significantly and was adopted by Academic Council in May 2008. The Strategy, entitled “Research 2011” was guided by the Institute’s overall Strategic Plan 2005-2010 and in particular the objectives set out in the Research, Innovation and Technology Transfer theme and the Inclusive Access to Learning Opportunities theme (incorporating equality of access). The three key principles were:

- Defining and supporting the Strategic Research Areas which can deliver the highest quality research and impact on teaching and learning
- Maximising the synergies and impacts between research and teaching and learning, within CIT and inter-institutionally
- Optimising the impact of knowledge transfer to industry

### **New Courses**

The following new programmes were approved during the academic year 2007-2008:

- Bachelor of Business In Supply Chain & Transport Management
- Bachelor of Science In Good Manufacturing Practice & Technology
- Bachelor of Science (Hons) in IT Management
- Bachelor of Business (Hons) in Accounting
- Bachelor of Engineering (Hons) in Sustainable Energy
- Higher Certificate in Science in Nautical Studies
- Bachelor of Engineering (Hons) in Electronic Systems Engineering

In addition, and as noted above, the academic quality functions also dealt with a very significant body of conversions and approval of modularised programmes.

## 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) in Biomedical Sciences - Years 1 & 2  
 Bachelor of Science (Hons) in Herbal Science (ab initio) - Years 1, 2, 3 & 4  
 MSc  
 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  
 MSc  
 PhD

### SCHOOL OF COMPUTING & MATHEMATICS

Bachelor of Science in Computing - Years 1, 2 & 3  
 Bachelor of Science in Information Technology Support - Years 1, 2 & 3  
 Bachelor of Science (Hons) in Computer Services Management  
 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  
 MSc (Software Development)  
 PhD

### SCHOOL OF BUSINESS

#### **Department of Accounting & Information Systems**

Bachelor of Business in Accounting - Years 1, 2 & 3  
 Higher Certificate in Business in Office Information Systems - Years 1 & 2  
 Bachelor of Business in Business Administration  
 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 - 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 - Year 1 & 2 (EOD)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1  
 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 - Years 1 & 2  
 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

### **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 in Applied Business in Computing (with UCC) - Years 1 & 2  
 M Arts (Multi-Media)

### **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 - Years 1, 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 (ab initio) - Years 1, 2, 3 & 4  
 M Eng

### **Department of Construction & Architecture**

Chartered Institute of Building - Professional Studies Level 3  
 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

### **Department of Architecture**

Bachelor of Science in Interior Architecture - Years 1, 2 & 3  
 Bachelor of Science in Architectural Technology - Years 1, 2 & 3  
 Bachelor of Science (Hons) in Architectural Technology  
 Bachelor of Science (Hons) in Architecture (Joint with UCC) - Years 1, 2, 3 & 4

## SCHOOL OF MECHANICAL & PROCESS ENGINEERING

### **Department of Transport & Automobile Engineering**

Bachelor of Arts in Transport Management & Technology - Years 1, 2 & 3

### **Department of Chemical & Process Engineering**

Bachelor of Engineering (Hons) in Chemical and Process Engineering - Year 1  
 Bachelor of Engineering (Hons) in Chemical and Process Engineering - Year 2  
 Bachelor of Engineering (Hons) in Chemical and Process Engineering - Year 3  
 Bachelor of Engineering (Hons) in Chemical and Process Engineering - Year 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 (Mechanical) - Manufacturing Department  
 MSc  
 PhD

**Department of Mechanical Engineering**

Bachelor of 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  
 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 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  
 Bachelor of Engineering in Marine & Plant Engineering - Years 1, 2 & 3  
 Seamanship - Years 1, 2 & 3  
 Chiefmate, Master

**CIT CORK SCHOOL OF MUSIC**

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

**CIT CRAWFORD COLLEGE OF ART & DESIGN**

Bachelor of Arts in Fine Art/Ceramics - Year 1  
 Bachelor of Arts in Fine Art - Years 2 & 3  
 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 (Art Therapy)  
 M Arts

## 3.6 Approved Courses – Part-Time

The following part-time courses operated in the academic year 2007/08.

### SCHOOL OF SCIENCE

#### **Department of Applied Physics & Instrumentation**

Higher Certificate in Science in Industrial Measurement and Control - Years 1, 2 & 3  
Short course in Industrial Automation - Semester 1 & 2

#### **Department of Chemistry**

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

#### **Department of Biological Sciences**

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

### SCHOOL OF COMPUTING & MATHEMATICS

#### **Department of Computing**

Master of Science in Software Development  
Bachelor of Science in Computing in Information Technology Support (ACCS)  
Bachelor of Science in Computing in Information Technology Support (ACCS) – Semester 2  
Certificate in CISCO Certified Network Associate - Term 1  
Diploma in CISCO Certified Network Professional  
Bachelor of Science in Computing - Year 1 (ACCS)  
Bachelor of Science in Computing - Year 1 (ACCS) – Semester 2  
Bachelor of Science in Computing - Year 2 (ACCS)  
Bachelor of Science in Computing - Year 2 (ACCS) – Semester 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+  
BSc Computing (EMC Outreach)  
Certificate in Novell Certified Linux Professional – Semester 1 & Semester 2  
Comp TIA Linux+  
Retention Mathematics  
Post Graduate Diploma in Computing in Education  
MSc in Computing in Education

### SCHOOL OF BUSINESS

#### **Department of Business Studies (Continuing Education)**

Institute Certified Public Accountants (Formation 2)  
Institute Certified Public Accountants (Professional 1 & 2)  
Institute of Accounting Technicians of Ireland - Year 1  
Institute of Accounting Technicians of Ireland - Year 2 (Clonakilty)  
Institute of Accounting Technicians of Ireland - Year 2

Diploma in Financial Management  
 Foundation Certificate in Personnel Practice  
 Marketing Institute of Ireland - Years 2 & 4  
 Road Transport-Certificate of Professional Competence (CPC) Term 1  
 Road Transport - National - Term 2  
 Diploma in Industrial Engineering - Year 3  
 Bachelor of Business - Year 1 (Terms 1 & 2)  
 Bachelor of Business - Year 1 (Summer)  
 Bachelor of Business - Year 2 (Terms 1 & 2)  
 Bachelor of Business - Year 2 (Summer)  
 Bachelor of Business in Management - Year 1  
 Bachelor of Business in Management - Year 1 (Term 2)  
 Bachelor of Business in Management - Year 2  
 Bachelor of Business in Management - Year 2 (Semester 2)  
 Introductory Bookkeeping & Accounting – Terms 1 & 2  
 Bachelor of Business (Hons) - Year 4  
 Bachelor of Business (Hons) - Year 4 (Summer)  
 Bachelor of Business (Hons) - Year 5  
 MBS (Taught)  
 PhD  
 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)  
 Bachelor of Arts in Human Resource Management - Year 1 (Semesters 1 & 2)  
 Bachelor of Arts in Human Resource Management - Year 2 (Terms 1 & 2)  
 Bachelor of Arts in Human Resource Management - Year 3 (Terms 1 & 2)  
 Bachelor of Arts in Human Resource Management - Year 3 (Summer)  
 Bachelor of Arts in Human Resource Management - Year 4 (Term 1)  
 Bachelor of Arts in Human Resource Management - Year 4 (Summer)  
 Diploma in Supply Chain Management - Parts 1, 2 & 3  
 Institute Professional Auctioneers & Valuers - Levels 1 & 2  
 Certificate in Marketing Skills  
 Bachelor of Business in Marketing - Year 3 (Semesters 1 & 2)

### ***Department of 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  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 2 (Semester 2)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (OLY)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 2 (OLY)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 2 (NOV)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology (NOV) (Semester 1)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (NOV) (Semester 2)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology (BS) (Semester 1)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology (BS) (Semester 2)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 (FÁS) (Semesters 1 & 2)  
 Higher Certificate in Science in Good Manufacturing Practice & Technology (COOK) (Semester 2)  
 National Diploma in Business Studies (First Line Management)

## **SCHOOL OF HUMANITIES**

### ***Department of Social & General Studies***

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

**Department of Media Communications**

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

**Department of Tourism & Hospitality**

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

**DEIS Department**

Recognition of Prior Learning (RPL)  
 Sales & Marketing - Thomas Crosbie Holdings (TCH)

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

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

**Department of Construction & Architecture**

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

**SCHOOL OF MECHANICAL & PROCESS ENGINEERING****Department of Transport & Automobile Engineering**

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

**Department of Manufacturing, Biomedical & Facilities Engineering**

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

**Department of Mechanical Engineering**

Welding 165  
 Certified Manufacturing Technologist  
 Certified Manufacturing Engineer  
 Project Management (Terms 1, 2 & 3)  
 Certified Quality Engineer/Technician

Fluid Power Eng Competencies PT2 Pneumatics (C & G)  
 SCADA (Supervisory Control and Data Acquisition)  
 SCADA (Supervisory Control and Data Acquisition) (Terms 2 & 3)  
 Coded Welding EN287SS (Terms 1, 2 & 3)  
 Project Management Context (Terms 1, 2 & 3)  
 Mech - Mechatronics  
 \*2800 Mechatronics (Pneumatics, Electro-Pneumatics & PLCS C&G)  
 Lean Manufacturing Certification Programme (Bronze)  
 Lean Manufacturing Certification Programme (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  
 3D Design Using CAD Group A  
 Higher Certificate in Engineering in Maintenance Technology (Stages 1 & 2)  
 CAD & Design Using AUTOCAD-Group A & B (435101)  
 Engineering Design Using PRO Engineer Advanced Level  
 3D Design (Short Course) FT Students  
 Intermediate Mathematics

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

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

### ***Department of Electronic Engineering***

Bachelor of Engineering in Electronic Engineering (ACCS)  
 Bachelor of Engineering in Electronic Automation & Robotics  
 Bachelor of Engineering in Electronic Engineering - Years 1 & 2 (ACCS)  
 M Eng in Telecommunications (Taught)  
 M Eng in Telecommunications (Taught) – Semester 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  
 Degree in Supply Management

#### **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 - Years 2 & 3  
 Art Therapy (Night)  
 MA in Art Therapy  
 Junior College of Art

#### **CIT CORK SCHOOL OF MUSIC**

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

## 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 (NQA) 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 Electronic Engineering**

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

#### **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 Economics**

- 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

\* 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 fulfil the Fédération Européenne d'Associations Nationales d'Ingenieurs (FEANI) Group One registration requirements and thus meet the academic requirements for the award of the title European Engineer (Eurlng). Such engineers may practice in most European countries.

*Washington Accord:* As these degrees are accredited by Engineers Ireland (the Irish accreditation body) they also fulfil 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

### BUSINESS & HUMANITIES COURSES

#### Bachelor of Arts (Hons)

##### *Ceramic Design*

Daniel Allen  
Claire Curneen  
Sorcha O'Brien

##### *Community Education & Development*

Anne P Byrne

##### *Counselling & Psychotherapy- Years 3 & 4*

Colm O'Doherty  
Tom Ryan

##### *Design in Visual Communications*

Brendon Deacy

##### *Fine Art*

Francis Halsall  
Danny McCarthy  
Janet Mullarney  
Charles Tyrrell

##### *Human Resource Management*

Bridgid Milner

##### *Multimedia*

Helen Doherty  
Sarah McCann

##### *Visual Communications*

Ger Fox  
Sorcha O'Brien

#### Bachelor of Arts

##### *Ceramic Design*

Peter Meanley  
Sorcha O'Brien

##### *Community Education & Development*

Anne P Byrne  
Joanna McMinn

##### *Design Communications*

Brendan Beirne  
Antony Johnston

##### *Design in Visual Communications*

David Smith

##### *Early Childhood Care & Education*

Anne Fitzpatrick  
Margaret Gilmore  
Miriam McGillicuddy  
Soren Bo Westring Christensen

##### *Fine Art*

Fiona Crisp  
David Ferry  
Francis Halsall  
Mark Joyce

##### *Human Resource Management*

Damien Burns  
Denis Harrington  
Noreen Heraty  
Bridgid Milner

##### *Social Care*

Margaret Gilmore  
Celesta McCann James  
Sinead McGilloway  
Miriam McGillicuddy  
Soren Bo Westring Christensen

##### *Transport Management & Technology*

Thomas Corrigan  
Cian O'Brien

##### *Bachelor of Music*

Gerard Gillen

### Programme Independent Modules (PIMS)

#### *Arts & Events Management*

Carol White

#### Bachelor of Business Studies (Hons)

##### *Business Studies*

Marian Duggan  
James Fairhead  
Shane Kilcommins

##### *Information Systems*

Chris Barry  
Larry Elwood

#### Bachelor of Business Studies

##### *Business Studies*

Deirdre Creagh  
Angela Feeney  
Nicola Timoney

##### *Accounting*

Shane Kilcommins  
Noel O'Brien

##### *Bar Management*

Natasha Kinsella  
Michael Gill

##### *Business Administration*

Noel O'Brien

##### *Culinary Arts*

Michael Gill  
Robert Smith

##### *First Line Management*

Brendan McCarra

##### *Hospitality Management*

John Carey  
Donagh Davern

##### *Management (ACCS)*

John Casey

**Marketing**

James Fairhead  
Noel O'Brien  
Roger Sherlock

**Recreation & Leisure**

Jack Bergin  
Teresa Richardson

**Early Childhood Care & Education**

Colm O'Doherty

**Higher Certificate in Business Studies****Business Studies**

Marian Duggan  
James Fairhead

**Office Information Systems**

Mary Lucey

**Tourism**

Finian O'Driscoll  
Sinead O'Leary

**Counselling Skills**

Tom Ryan  
Colm O'Doherty

**Higher Certificate in Arts****Community Education & Development**

Joanna McMinin

**Master in Business Studies (Taught)**

Claire Gubbins

**Higher Diploma in Art & Design Teachers**

Robert Warren Chapman  
Howard Ffoulkes Jones

**Higher Diploma in Arts in Public Relations**

Niamh Ward

**Master of Arts****Art Therapy**

Chris Wood

**Music (Taught)**

Alan Smale

**One Year Certificate in Counselling Skills**

Colm O'Doherty  
Tom Ryan

**Programme Independent Modules (PIMS)****Film & Popular Culture**

Helen Doherty

**Sports & Exercise Science**

Jack Bergin

**Certificate in Naval Leadership & Management (SPA)**

Pat Burke

**Certificate in Personnel Practice**

Judy Foley  
Sarah McCurtain

**Certificate in Sea Fisheries Protection & Enforcement**

Paul Lyons  
Kenneth Minehane

**ENGINEERING & TECHNOLOGY COURSES****Bachelor of Engineering (Hons)****Biomedical Engineering**

Garrett McGuinness  
Murtagh Murphy

**Chemical & Biopharmaceutical Engineering**

Lester Kershenbaum  
Michael Law

**Electronic Engineering**

Sean Foley  
William Gerard Hurley

**Mechanical Engineering**

Peter Clarke  
Michael Gilchrist

**Structural Engineering**

Peter L Anthony  
Padraic O'Donoghue

**Bachelor of Engineering****Applied Electronic Design**

David Denieffe

**Biomedical Engineering**

Garrett McGuinness  
Murtagh Murphy

**Building Services Engineering**

Declan Leonard  
Mervyn Smyth

**Civil Engineering**

Joseph A Kindregan  
John D Laphorne

**Communications Systems**

David Denieffe

**Electrical Engineering**

Michael Hennessy  
Eamonn McQuade

**Electronic Automation & Robotics Engineering**

David Denieffe

**Electronic Engineering**

David Denieffe  
Paula O'Sullivan



**Manufacturing Engineering**

Alan Bateman  
Patrick Delassus

**Marine & Plant Engineering**

Niall O'Shaughnessy  
David Taylor

**Mechanical Engineering**

Alan Bateman  
Patrick Delassus

**Higher Certificate in Engineering****Automobile Technology**

Cian O'Brien

**Biomedical Engineering**

Garrett McGuinness  
Murtagh Murphy

**Building Services Engineering**

Declan Leonard  
Mervyn Smyth

**Civil Engineering**

Joseph A Kindregan  
John D Lapthorne

**Construction Studies**

Seamus Brady  
John Hanahoe

**Maintenance Technology**

Alan Bateman  
Patrick Delassus

**Mechanical Engineering**

Patrick Delassus  
Alan Bateman

**Applied Biology**

Gary Walsh  
Don Faller

**Applied Physics & Instrumentation**

Eamonn Burke  
Colette McDonagh

**Chemistry**

Gabriel Keaveney  
Bridget O'Regan

**Computing**

Anna Browne  
Mairead Meagher

**Computing in Information Technology Support**

John Walsh  
James Greenslade

**Good Manufacturing Practice & Technology**

Conor Buckley  
Brendan McCarra

**Industrial Measurement & Control**

Jim McComb  
Norman McMillan

**Postgraduate Diploma / Master of Engineering in Telecommunications**

Philip Quinlan  
Sean McGrath  
Paul French

**Single Subject Module****Lean Practitioner - Levels 6 & 7**

Paul O'Dowd  
Martin Power

**Mechatronics**

Alan Bateman  
Patrick Delassus

**Six Sigma Green Belt - Level 7**

Kah Leong  
Paul O'Dowd

**SCIENCE & COMPUTING COURSES****Bachelor of Science (Hons)****Advanced Manufacturing Technology**

Neil Kingston  
Joe Phelan

**Analytical Chemistry with Quality Assurance**

Cait Lane  
Bridget O'Regan

**Applied Biosciences**

Don Faller  
Gary Walsh

**Applied Physics & Instrumentation**

Eamonn Burke  
Colette McDonagh

**Architectural Technology**

Jack Coughlan

**Architecture**

Dermot Boyd  
Jonathan Hill

**Computer Services Management**

James Greenslade  
John Walsh

**Computerised Instrument Systems**

Jim McComb  
Norman McMillan

**Construction Management**

John Hanahoe  
Declan O'Gorman

**Electrical Power Systems**

Michael Hennessy  
Eamonn McQuade

**Herbal Science**

Dilis Clare  
Desmond Corrigan

**Process Plant Technology**

Neil Kingston  
Joe Phelan

**Quantity Surveying**

Eoin O'Neill  
Richard Malcolm Smith

**Software Development**

Martin Donnelly  
Mel O'Conneide

**Software Development & Computer Networking**

Jim Buckley  
Austin Kinsella

**Technology**

William Gaughran  
Kevin O'Connell  
Arthur O'Sullivan

**Bachelor of Science****Agriculture**

Tom Burke  
Paul Whyte

**Analytical & Pharmaceutical Chemistry**

Gabriel Keaveney  
Bridget O'Regan

**Applied Physics & Instrumentation**

Eamonn Burke  
Colette McDonagh

**Applied Physics & Semiconductor Technology**

Eamonn Burke

**Architectural Technology**

Jack Coughlan

**Biomedical Science**

Don Faller  
Caroline Joyce  
Aidan Kelleher  
Philip Kennedy  
Marian Manning  
Patrick Mulhare  
Eithne Murphy  
Don O'Connor  
Padraig O'Sullivan  
Gary Walsh

**Computing**

Anna Browne  
Mairead Meagher

**Construction Economics**

Seamus Brady  
Paul Quinn

**Construction Management**

John Hanahoe  
Gerry O'Rourke

**Food Science & Technology**

Don Faller  
Gary Walsh

**Information Technology Support**

James Greenslade  
John Walsh

**Interior Architecture**

Maeliosa O'Brien  
Marc O'Riain

**Nautical Science**

Mathieu Duchemin  
Paul A Miley  
Guus Verhagen

**Postgraduate Diploma / Master of Science in Computing in Education**

John G Keating

**MSc in Biomedical Science**

Graham Beastall

**MSc in Software Development**

James F Power  
Bing Wu

**Single Subject Module****Mathematical Exploration**

Paul Robinson

**SUBJECT EXTERN - ALL CLASSES****German**

Dermot Cavanagh

**Mathematics**

Paul Robinson

**Italian**

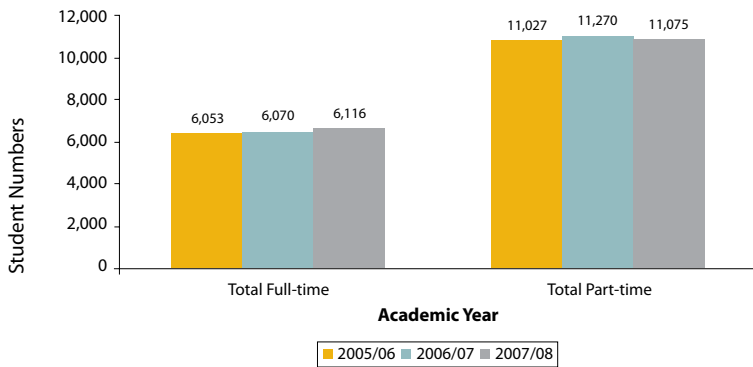
Maria Gabriella Caponi-Doherty  
Louise Sheehan

## 3.9 Student Statistics

### Enrolment Statistics for 2007/08 and the two previous years

|                      | 2005/06       | 2006/07       | 2007/08       |
|----------------------|---------------|---------------|---------------|
| Total Full-time      | 6,053         | 6,070         | 6,116         |
| Total Part-time      | 11,027        | 11,270        | 11,075        |
| <b>OVERALL TOTAL</b> | <b>17,080</b> | <b>17,340</b> | <b>17,191</b> |

### Enrolment Statistics for 2007/08 and the two previous years

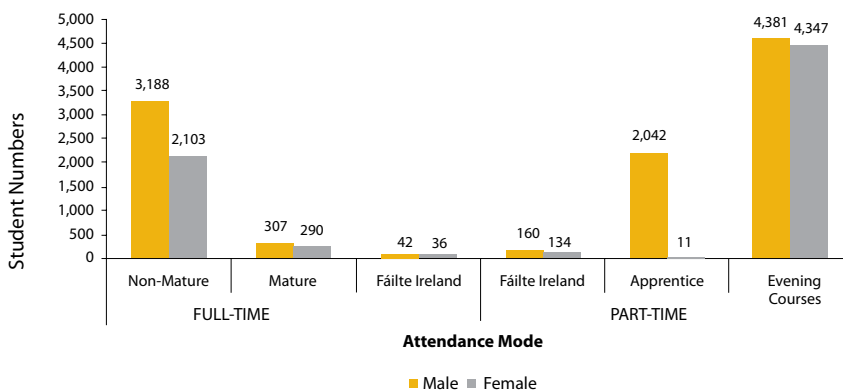


### Enrolments by Gender & Attendance Mode for 2007/08

|                      | Male          | Female       | Total         |
|----------------------|---------------|--------------|---------------|
| <b>FULL-TIME</b>     |               |              |               |
| Non-Mature           | 3,188         | 2,103        | 5,291         |
| Mature               | 307           | 290          | 597           |
| Fáilte Ireland       | 42            | 36           | 78            |
| Disability*          | 104           | 46           | 150           |
| <b>TOTAL</b>         | <b>3,641</b>  | <b>2,475</b> | <b>6,116</b>  |
| <b>PART-TIME</b>     |               |              |               |
| Fáilte Ireland       | 160           | 134          | 294           |
| Apprentice           | 2,042         | 11           | 2,053         |
| Evening courses      | 4,381         | 4,347        | 8,728         |
| <b>TOTAL</b>         | <b>6,583</b>  | <b>4,492</b> | <b>11,075</b> |
| <b>OVERALL TOTAL</b> | <b>10,224</b> | <b>6,967</b> | <b>17,191</b> |

\*Disability Numbers included in Full-time Totals

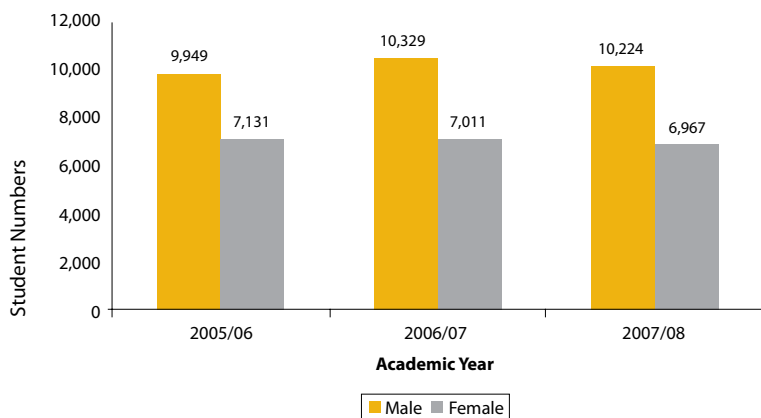
### Enrolments by Gender & Attendance Mode for 2007/08



**Enrolment Statistics by Gender for three academic years**

|              | <u>2005/06</u> | <u>2006/07</u> | <u>2007/08</u> |
|--------------|----------------|----------------|----------------|
| Male         | 9,949          | 10,329         | 10,224         |
| Female       | 7,131          | 7,011          | 6,967          |
| <b>Total</b> | <b>17,080</b>  | <b>17,340</b>  | <b>17,191</b>  |

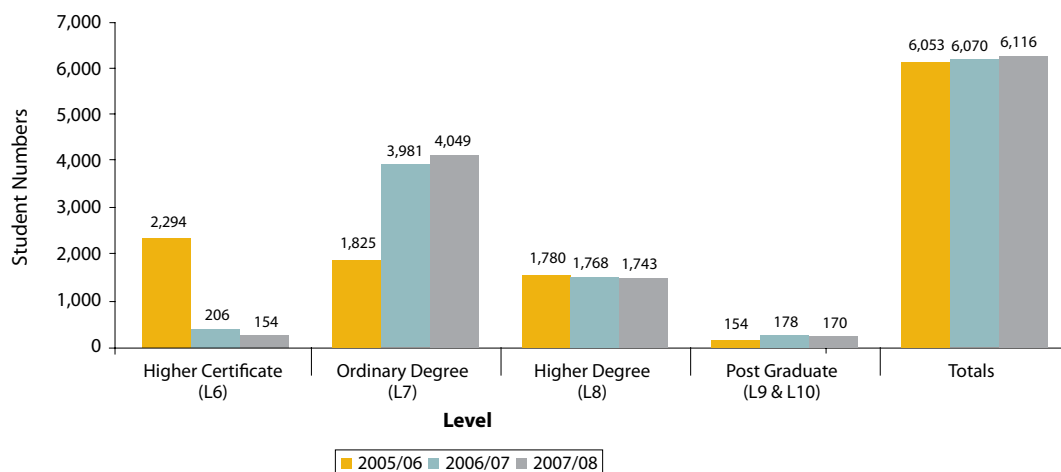
**Enrolment Statistics by Gender for three academic years**



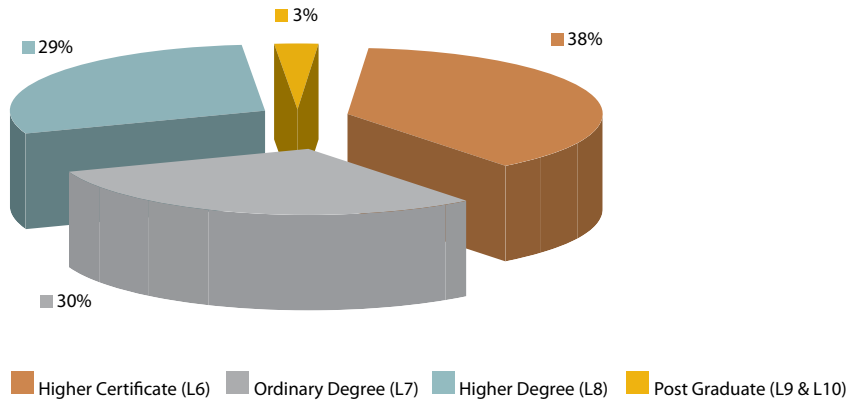
**Analysis of Whole-Time Higher Certificate, Ordinary Degree, Honours Degree and Postgraduate Student Numbers**

|         | <u>Higher Certificate (L6)</u> | <u>Ordinary Degree (L7)</u> | <u>Higher Degree (L8)</u> | <u>Post Graduate (L9 &amp; L10)</u> | <u>Totals</u> |
|---------|--------------------------------|-----------------------------|---------------------------|-------------------------------------|---------------|
| 2005/06 | 2,294                          | 1,825                       | 1,780                     | 154                                 | <b>6,053</b>  |
| 2006/07 | 206                            | 3,918                       | 1,768                     | 178                                 | <b>6,070</b>  |
| 2007/08 | 154                            | 4,049                       | 1,743                     | 170                                 | <b>6,116</b>  |

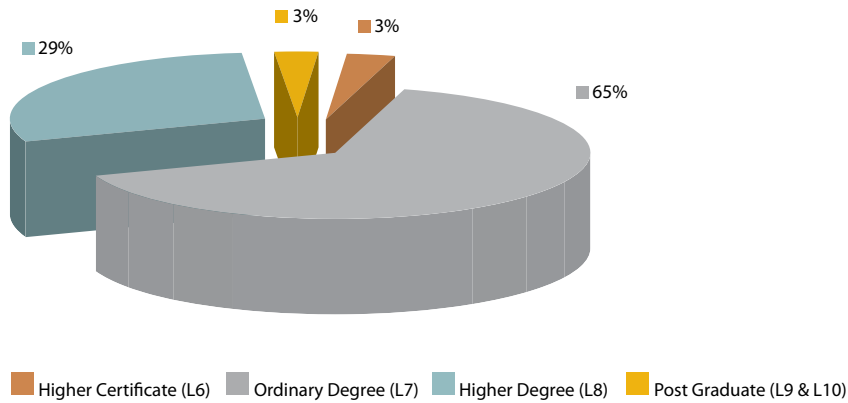
**Whole-Time Student Numbers for three Academic Years 2005 - 2008**



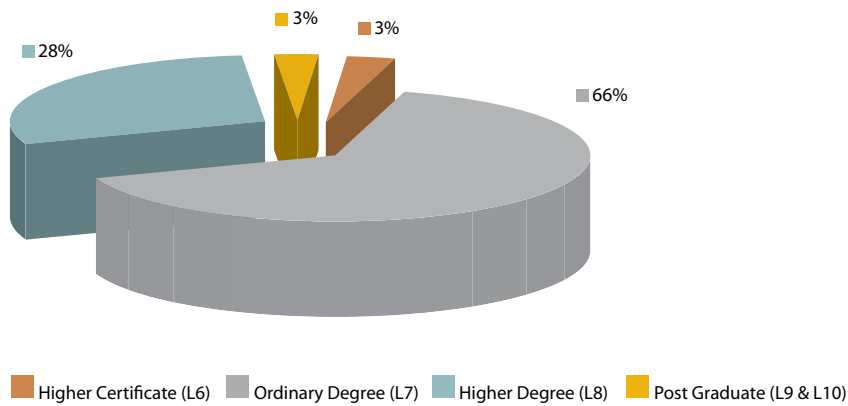
**Whole-Time Third Level Courses 2005/06**



**Whole-Time Third Level Courses 2006/07**



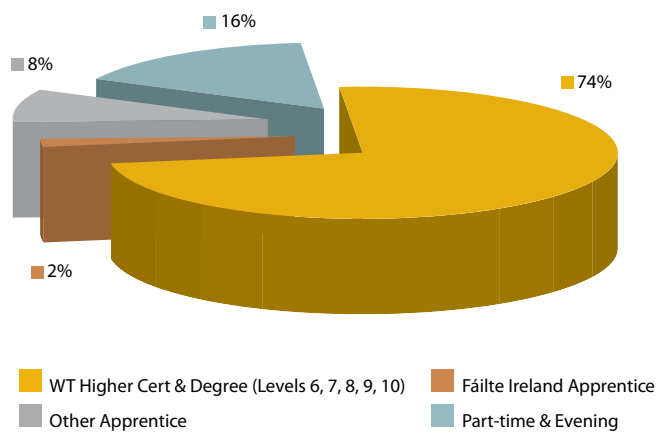
**Whole-Time Third Level Courses 2007/08**



**Student Percentage Distribution – Cork Institute of Technology**

|   | <b>Actual</b> | <b>WTE</b>   |
|---|---------------|--------------|
| WT Higher Cert & Degree (Levels 6,7,8,9,10) | 6,116         | 6,116        |
| Fáilte Ireland Apprentice                   | 294           | 148          |
| Other Apprentice                            | 2,053         | 684          |
| Part-time & Evening                         | 8,728         | 1,286        |
|   | <b>17,191</b> | <b>8,234</b> |

**Student Percentage Distribution - Cork Institute of Technology**

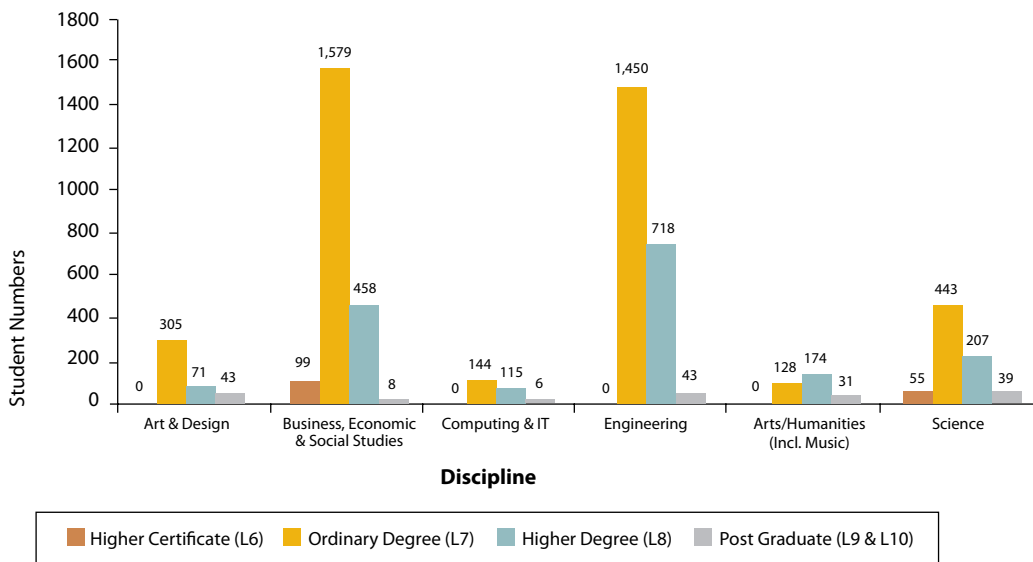




### Breakdown of Whole-Time Higher Certificate, Ordinary Degree, Higher Degree & Postgraduate by Discipline

|                                     | Higher Certificate<br>(L6) | Ordinary Degree<br>(L7) | Higher Degree<br>(L8) | Post Graduate<br>(L9 & L10) |
|-------------------------------------|----------------------------|-------------------------|-----------------------|-----------------------------|
| Art & Design                        | 0                          | 305                     | 71                    | 43                          |
| Business, Economic & Social Studies | 99                         | 1,579                   | 458                   | 8                           |
| Computing & IT                      | 0                          | 144                     | 115                   | 6                           |
| Engineering                         | 0                          | 1,450                   | 718                   | 43                          |
| Arts/Humanities (incl. Music)       | 0                          | 128                     | 174                   | 31                          |
| Science                             | 55                         | 443                     | 207                   | 39                          |
| <b>Total</b>                        | <b>154</b>                 | <b>4,049</b>            | <b>1,743</b>          | <b>170</b>                  |

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



### 3.10 Student Prizes

Sponsors Enterprise Ireland, Ulster Bank and Invest NI announced that students from Cork Institute of Technology had been awarded the prestigious top prize at the 2007 Student Enterprise Awards, Ireland’s biggest third level business awards, at a ceremony in The Royal College of Physicians, Kildare Street, as well as the Cruickshank Technology Innovation Award. Students **John J Barry, Orla Houlihan, Niamh Brady** and **Regina O’Donoghue** of team Apri-COT from CIT beat off stiff competition from hundreds of third level students across Ireland at the Awards with their business proposal. Apri-COT is an apparatus that acts as a therapeutic sleeping aid for infants, and scooped the coveted €10,000 top prize and title of “College Entrepreneurs of the Year”, and the €5,000 Cruickshank Technology Innovation Award.

The Ulnar Pal Team – Enterprise Ireland/Invest Northern Ireland Award of Merit worth €2,000 went to students **Padraig O’Shea, Josh Walsh, Tadhg Lynne, Dermot Deane** and **Helena Fleming**.

Following a highly competitive national event, the result of the Inaugural Engineers Ireland Engineering Technologist of the Year 2007 National competition was announced on 21 June 2007 at Engineers Ireland Headquarters, Dublin by Mr Jack Golden, President, Engineers Ireland. CIT students were declared Joint Outright Winners. They were:

- Student: **Michael Kinsella**
- Project Title: “Process for Converting Rape Seed to Repoleum Fuel”
- Course: Bachelor of Engineering in Electrical Engineering
- Department: Electrical Engineering
  
- Student Team: **Damien Healy, Joseph Jameson, Jason Mullins**
- Project Title: “Design and Development of Fusion Folding Press”
- Course: Bachelor of Engineering in Manufacturing Engineering
- Department: Manufacturing, Biomedical and Facilities Engineering

The Chairman of the Adjudication Panel of the prestigious 19th Annual International Medical Engineering Project Competition, Prof Anthony Bull of Imperial College, London announced on 26 June 2007, that from a large international entry, two CIT student teams won Gold and Silver medals for their submitted and presented projects.

#### International Prize for Best Project involving the Design or Development of a Medical Device – Gold Medal

- Project: Design and Development of a Swimming Aid for the Visually Impaired AquaEye Inter-Disciplinary Student Group

Accounting & Information Systems Students:  
**Imelda Callanan** (Team Leader), **Norma Barry, Colin Aherne, Ciara Aherne, David Barker**

Mechanical Engineering Students:  
**Kieran O’Callaghan** (Team Leader), **Ciara Dwan, Ken Allen, Finbarr Brassil** and **Paul O’Keeffe**.

**Kieran O’Callaghan** presented on behalf of the AquaEye group at the London competition.

#### International Prize for Best Medical Engineering Project – Silver Medal

- Project: Suture Tension Measurement Investigation and Analysis
- Mechanical Engineering Student: **Kenneth Bourke**

An exhibition marking forty years of the Cork Arts Society “Student of the Year” Award took place on 2 October 2007 at 8.00 pm in the Lavitt Gallery, 5 Fr Mathew Street, Cork. The award recipient was **Roisin Kinsella**.

The Faculty of Business & Humanities Prize-Giving Awards took place on 11 October 2007 at 8.00 pm at the Oriel House Hotel, Ballincollig, Co Cork. 28 graduands were honoured for their particular achievements and presented with Schools, Departments, Fáilte Ireland and Professional Accountancy Awards.

The Faculty of Business & Humanities Conferring of Degrees and Other Awards took place on 12 October 2007. There were four conferring sessions and a total of 999 graduands obtained their parchments.

At the 3.30 pm Conferring Ceremony, the joint Hochschule Darmstadt, the Higher Education and Training Awards Council and Cork Institute of Technology Award in the Department of Media Communications was presented for the first time to students of the Bachelor of Arts (Honours) in Multimedia. Prof Dr Andrea Krawjeski, Dean, Faculty of Media, Hochschule Darmstadt and Mr Joe Cox, HETAC and representatives from the Hochschule Darmstadt were present at the conferring.

At the 6.00 pm Conferring Ceremony, the Department of Continuing Education had its first award of a PhD Doctor of Philosophy (in Management). This was presented to **Christine Cross**.

The School of Science Annual Awards Ceremony 2007 took place in the Tobin Suite, Oriel House Hotel, Ballincollig, Cork on 18 October 2007 honouring the highest achieving graduates in the academic year 2006/07. Altogether 18 awards were presented across the main disciplines in the School of Science.

The Faculties of Science and Engineering Conferring of Degrees and Other Awards took place on 19 October 2007. There were three conferring sessions and a total of 1,207 graduands obtained their parchments.

At the 3.30 pm Conferring Ceremony, the joint University College Cork, HETAC and Cork Institute of Technology Award in the Department of Biological Sciences was presented for the first time to students of the Master of Science in Biomedical Science. Dr Michael Murphy, President, UCC, Prof Paul Giller, Registrar, UCC, and Mr Tadhg Ó hÉalaithe, HETAC and representatives from University College Cork were present at the conferring.

Cork Institute of Technology Sailing Team on 2 November finished second in the Student Yachting World Championships in La Rochelle in France. In the final race, CIT finished 1st securing 2nd place overall in the world. Crews from fifteen countries took part in this highly competitive event and competition was intense. Racing was in one-design 9.5 metre yachts provided by the organisers.

#### Conferrings at CIT Cork School of Music:

- (i) CIT Cork School of Music Conferrings took place on 5 November 2007 at 10.00 am. 23 graduands obtained their parchments.
- (ii) CIT Crawford College of Art & Design Conferrings took place on 5 November 2007 at 11.30 am. 148 graduands obtained their parchments. These were the first conferring ceremonies that took place in the new CIT Cork School of Music.

**Gerard Casey**, 3rd year BA Design Communications student, Department of Media Communications won 2nd place (Silver Medal) in the prestigious GDBA (Graphic Design Business Association) Student IDEA Award on 9 November 2007. There was a large number of entries for this competition from many colleges around the country, such as LIT, DIT and NCAD.

The World Skills Competition 2007 took place in Shizuoka, Japan from 11 to 20 November 2007.

Overall Ireland won: 1 Gold, 4 Bronze and 9 Medallions for Excellence out of 21 persons competing.

The following are the results of the CIT competitors:

| Craft                   | Competitor    | Award                    |
|-------------------------|---------------|--------------------------|
| Electrical Installation | Daniel Ryall  | Bronze Medal             |
| Industrial Control      | Barry Bolgor  | Medallion for Excellence |
| Metal Fabrication       | Eamonn Buggy  | Medallion for Excellence |
| Refrigeration           | John Fanning  | Bronze Medal             |
| Plasterwork             | Patrick Doran | Gold Medal               |
| Welding                 | Gerard Healy  | Medallion for Excellence |

The Institute's Annual Prizegiving Ceremony took place on 27 November 2007 at 7.00 pm in the Council Room, 2nd Floor, Administration Centre. The number of awards this year were

15 CIT Awards and 2 HETAC Awards. These comprised of the best students from the three Faculties (Engineering, Science, Business & Humanities) and three from the Schools (National Maritime College of Ireland, CIT Cork School of Music, CIT Crawford College of Art & Design) for Level 7 (Bachelor Degree), Level 8 (Honours Degree) and level 9 (Taught Masters). The Overall Best Student was selected from the above.

The Conferring of FETAC Awards took place on 28 November 2007 in the Nexus, Student Centre at 3.00 pm. Seventy-six graduands from the Department of Tourism & Hospitality Studies received their parchments.

The "Get Chartered Lecture" presented by Mr David Barrett, Regional Manager, Institution of Mechanical Engineers took place on 29 November 2007 at 7.00 pm in the Frank O'Connor Theatre (IT3), Cork Institute of Technology.

The following Institution of Mechanical Engineers University Prizes were presented at the commencement of the event.

1. **William Michael Quinn** - The Institution Project Prize
2. **Lee Ward** (in absentia) - Frederic Barnes Waldron "Best Student Prize"
3. **William Peter Farrington** - Best Project Certificate
4. **David Anthony Kelleher** - Best Student Certificate

4th Year BA (Hons) Fine Arts Student, **Emma O'Connell** was Runner Up in the Commercial Finance Student Art Competition (Theme: Working together) which took place on 29 November 2007. Her entry was a mixed media figurative piece. This was an All-Ireland higher education competition, and the winner was from the University of Ulster. Approximately 15 entries from art colleges around the country were shortlisted.

Two of the Institute's Sailing Club members, **Nicholas O'Leary** 3rd year Business Studies student and **Aoife English** 1st year Business Studies student were announced award winners on week commencing 3 December 2007. Nicholas was announced Afloat Magazine, "Cork Dry Gin Sailor of the Month" and Aoife was announced "Evening Echo Sportswoman of the Month."

Continuing Education Accounting student, **Noreen Lane** achieved 1st Place in Ireland for two subjects in the examinations of the Institute of Certified Public Accountants in Ireland.

CIT's Annual Sports Bursaries Awards took place on 6 December 2007 in the Oriel House Hotel at 6.30 pm. **Clíodhna Sargent**, a 2nd year Recreation & Leisure student was honoured by the Munster Branch of the Irish Hockey Association recently for her hockey exploits.

The Faculty of Engineering Prize-Giving 2008 Ceremony took place on 17 January 2008 in Oriel Court Hotel honouring the highest achieving graduates in the faculty in the academic year 2006/07. The recipients have been selected as the highest achieving in their category in each of the eight departments in the faculty.

Winners **Tim Crowley** and **Ewen Pettit** and finalists **Richard Murray/Jessica O'Sullivan** and **Alfred Scanlon/Ciara Gunn**, students from the BBus in Marketing undertook a project on marketing a proposed WiFi (wireless) Broadband service in Cork City centre and presented their findings and recommendations to a very appreciative audience. They studied different target groups of the proposed WiFi service and how best to market wireless broadband to achieve a high rate of adoption. The project was initiated by Cork Chamber of Commerce and Cork City Council.

Four students from the Department of Educational Opportunities competed in the Newstalk Case Study Competition held in GMIT on 27 and 28 January 2008. Fifteen teams from Institutes of Technology out of over 250 entered teams secured places in the semi-finals and finals. The CIT team won their semi-final heat and proceeded to the final. There they faced competition from Athlone, Sligo and Tipperary. The CIT team were runners up in the Newstalk enterprise competition. Sligo IT won the competition. As runners up, CIT were presented with a certificate and a cheque for €1,000.

The NMCI Conferings took place on 12 February 2008 at 3.00 pm.

From a large nationwide entry, three CIT Students were shortlisted as finalists for the Enterprise Ireland [IMechE] Engineering Competition Project Finals 2008. The three CIT successful candidates constitute the highest number of finalists from any one college. The finals took place on 22 February 2008 at Engineers Ireland Headquarters, Ballsbridge, Dublin.

**Kieran O'Callaghan** achieved the Third Place Award. This was a major accomplishment for a final year degree student.

Project Title: Design and Development of a Swimming Aid for the Visually Impaired.  
 Industry Partner: National Council for the Blind Ireland Multi-Discipline Start-Up Innovation Team

**Xiao Fang Zhang** and **Dave Galavan** also represented CIT with great distinction in the finals. Their projects were:

**Xiao Fang Zhang**

Project Title: 360 Degree Orientation Medical Infusion System Air Bubble Extractor  
 Industry Partner: Cork University Hospital, Multi-Discipline Start-Up Innovation Team  
 Supervisors: Bernard O'Callaghan and Colette Murphy, Lecturers

**Dave Galavan**

Project Title: Brain Aneurysm Treatment Platinum Coil Manufacture – Automated Mandrel Removal/Insertion System Design and Development  
 Industry Partner: Boston Scientific, Cork

**Caolfhionn Ni Choileain** and **Eamma Ó Corragain**, winners of the Junior Classical Guitar (C) and the Junior Classical Guitar (B) Competitions in Feis Cheoil, Dublin on 7 March 2008.

The 6th CIT Prize for Innovation took place in the Nexus Student Centre Courtyard on 13 March 2008. Student Entrepreneurs showcased their businesses during the exhibition and a total fund of €11,500 was awarded to the winning entries. The Cork County and City Enterprise Boards were the sponsors of the competition in addition to cash prizes.

The winners of the CIT Prize for Innovation 2008 were:

|                       | Prize  | Company Name       | Department(s)  |
|-----------------------|--------|--------------------|--|
| 1st Prize             | €5,000 | Aqua Eye           | Accounting and Information Systems   |
| 2nd Prize             | €2,500 | Lilly Publications | Social & General Studies   |
| Joint 3rd Prize       | €1,500 | Meta Sol           | Management and Marketing<br>Mechanical Engineering<br>Biomedical Engineering |
| Joint 3rd Prize       | €1,500 | Med-O-Ware         | Accounting & Information Systems<br>Mechanical Engineering                   |
| Best Exhibition Stand | €1,000 | Lilly Publications | Social & General Studies<br>Media Communications                             |

**Maria Ryan**, MA student, CIT Cork School of Music was winner of the Aileen Gore Cup and Raymond Kearns Bursary at Feis Cheoil Dublin which took place on 14 March 2008. The competition was open to all Irish string instrumentalists between the ages of 17 and 24 years. It attracted an impressive line up of 23 of the country's finest young instrumentalists. The prize included a bursary of €5,000.

RTE Classic Jam competition was broadcast on Network 2 television during the week beginning 24 March 2008. **Fiachra O'Corragain**, harp student from the CIT Cork School of Music was the only Cork contestant in the finals.

CIT's Sailing Club comprising of **Nicholas O'Leary, George Kenefick, Joseph Bruen, Grahame Durcan, Deirdre O'Rourke, Aoife English** and **Revlín Minihane** were crowned "Irish Student Yachting Champions" for a second Year running in the Irish University Sailing Association Championships which took place on 5 April 2008 in Dromineer, Lough Derg. The competition comprised of the top 8 ranked colleges after all events so far this year, with CIT leading on 45%, DIT on 44% and UCC 36%.

The CIT-AIB Student Societies and Activities Awards 2008 took place in the Oriel House Hotel at 6.45 pm on 9 April 2008. In all 12 awards were presented, 5 group and 7 individual. Certificates of Merit were presented by the President.

On 7 April 2008, President of Engineers Ireland, Mr Jack Golden presented the Engineers Ireland Graduate Awards to the highest achieving students in 2007 in each of the Level 8 Honours Engineering Degree Programmes in CIT and UCC. This award ceremony took place at the Rochestown Park hotel and the following students received prizes:

- **Bill Quinn**, BEng (Hons) in Mechanical Engineering
- **James Fleury**, BEng (Hons) in Chemical & Process Engineering
- **Diarmuid Healy**, BEng (Hons) in Structural Engineering
- **Holger Geisler**, BEng (Hons) in Electronic Engineering
- **Ger Geaney**, BSc (Hons) in Electrical Power Systems

The Annual Genesis Showcase & Awards 2008 took place on 14 April 2008 at 5.45 pm in the Nexus Courtyard, Student Centre, Cork Institute of Technology. The event was officiated by Mr Micheál Martin, T.D., Minister of Enterprise, Trade and Employment who presented the end of year awards.

The CIT competition to select the CIT Innovative Engineer of the Year 2008 took place on 17 April 2008 at 7.00 pm in the Frank O'Connor Theatre, IT3.

**First Place and CIT Innovative Engineer of the Year 2008:  
Ms Xiao Fang Zhang**

Project Title: "Medical Infusion System Bubble Extractor Design and Development"  
Industrial Partner: Cork University Hospital

**Second Place Finalist:  
Mr Kieran O'Callaghan**

Project Title: "Design and Development of a Swimming Aid for the Visually Impaired"  
Industrial Partner: National Council for the Blind Ireland

**Third Place Finalists (in no particular order):  
Mr Malcolm Prinn**

Project Title: "Traffic Message Transmission to Cars"  
Industrial Partner: Daimler AG

**Mr Pat O'Mahony**

Project Title: "Development and Implementation of a Prioritisation Strategy for Batch Chemical Manufacturing"  
Industrial Partner: Pfizer Ireland Pharmaceuticals

**Mr Joseph P. Moynihan**

Project Title: "Design of a Large Scale Dwelling to Current Building Regulations"  
Industrial Partner: Research and Development

**Ms Aisling Dillon**

Project Title: "GPS Interface to Wireless Sensor Network with Remote Tracking"  
Industrial Partner: Research and Development

The CIT competition to select the CIT Engineering Technologists of the Year 2008 (Level 7) took place on 17 April 2008 at 7.00 pm in the Frank O'Connor Theatre, IT3. Mr Michael Delaney, Head of Development, Chairman of the Adjudication Panel announced the results of the 2008 competition.

**First Place and CIT Engineering Technologists of the Year 2008: David Kennedy, John Leahy, Christopher Hayes, Colm Hayes**

Project Title: "Concrete Pipe Lifting Attachment Design and Development"  
Industrial Partner: Research and Development

**Second Place Finalists:**

**Aisha Amele, Anthony Bennis, Thomas Birney**

Project Title: "Anti-whiplash Car Seat Head-Rest Device Development"  
Industrial Partner: Research and Development

**Third Place Finalists: (in no particular order)**

**Sean Stack**

Project Title: "Automation and Retro-fit of Powder Bagging System"  
Industrial Partner: Research and Development

**Kara Moloney**

Project Title: "Alzheimer Patient Alarm"  
Industrial Partner: Research and Development

**Kate Lourdin, William Howie, Sam Ho**

Project Title: "Redesign of Wheelchair Seat to counteract Pressure Sore Development"  
Industrial Partner: Cork University Hospital

**Gary Cunningham**

Project Title: "Colour Motion Tracking"  
Industrial Partner: Research and Development

**Robert McMahon, Kathleen McAuliffe, Alan Walsh, Cormac Harrington**

Project Title: "Design and Development of Spatula Cleaner"  
Industrial Partner: ALPS

The CIT/CMP Sports Awards 2008 took place on 23 April 2008 at 7.00pm in Oriel House Hotel, Ballincollig. Dr Michael Noonan attended and deputised for the President.

**Matt Leahy** a Professional Cookery Year 2 student won the National Final of the Bord Bia Pork Experience Competition on 23 April 2008. Ten young chefs from Institutes of Technology and other industry establishments took part in the final which was held in GMIT. The winner's prize valued at €3,500 was presented by Mr Trevor Sargent, Minister of State with responsibility for Food and Horticulture.

The winner of the RDS Music Bursary 2008 is **Maria Ryan**, Violin, a student of the taught MA Programme in Performance at CIT Cork School of Music. The bursary value of €10,000 was awarded by competition among the top prizewinners in the most senior competitions at this year's Feis Cheoil, Dublin.

CIT's **Med--Ware™** Team and Supervisors were declared Winners of the Cruickshank Most Technologically Innovative Project Award on 4 June 2008 from hundreds of island-wide entrants at the Enterprise Ireland/Invest Northern Ireland 25th Student Enterprise Awards. The **Med--Ware™** Team have scooped cash awards totalling €10,000 and access to €20,000 Intellectual Property Consultancy Service from Cruickshank

Intellectual Property Attorneys. The multidisciplinary **Med--Ware™** Team comprises:

**Xiao Fang Zhang**, Bachelor of Engineering (Honours) in Mechanical Engineering 4, Inventor and Designer **Michelle Bouse**, Bachelor of Business (Honours) in Business Information Systems 4, **Carmel Linehan**, Bachelor of Business (Honours) in Information Systems, **Peter Sullivan**, Bachelor of Business (Honours) in Business Information Systems 4.

Project Title: "Medical Infusion System Bubble Extractor Design and Development"  
 Industrial Partner: Mr Ger Flynn, chief Biomedical Engineer, HSE Southern Region, Cork University Hospital  
 Supervisors: Lecturers Colette Murphy and Bernard O'Callaghan

On 10 June 2008 it was confirmed from London that Cork Institute of Technology Student **Xiao Fang Zhang** of **Med--Ware™** Team has been short-listed from a large international entry to the last three International Finalists for the Vicon Prize for the Design and Development of a Medical Device at the International Medical Engineering Competition to be held at Birdcage Walk, Westminster, London on 3 July 2008.

The National Skills Competition 2008 commenced in the Institute on 16 June 2008. It took place in the Nexus, Student Centre. The competitions at Bishopstown were:

Industrial Control, Electrical Installations, Carpentry, Metal Fabrication, Fitting, Mechatronics. Two further competitions were held in North Point – Plasterwork and Construction Plant Fitting.

The Award Ceremony took place on 20 June 2008 in the Gallery, Student Centre. The Deputy Lord Mayor, Cllr Mary Sheilds, the Minister for Education and Science, Mr Batt O'Keeffe, T.D., the President and the main sponsor, Mr Pat Guilfoyle, TEEU Regional Secretary addressed the gathering.

**Kieran O'Callaghan** was announced the outright winner of the Siemens Engineers Ireland Innovative Engineer of the Year Award 2008.







# *research & development*

*Cork Institute of Technology*

- 4.1 Development Activities*
- 4.2 Research Activities*
- 4.3 External Development Links*
- 4.4 Campus Development*
- 4.5 Safety & Facilities Management*

## 4.1 Development Activities

Cork Institute of Technology continued to promote and support development activities in the region. It was very active in providing support for enterprise development and in undertaking collaborative research with local partners.

The new corporate identity for the Institute was formally launched in December 2007.

The CIT Foundation Ltd was incorporated in 2007. The main objective of the Foundation is to engage in fund raising activities to support CIT in its education, training and research mandate and the provision of the necessary infrastructure.

### Enterprise Start Programme

As part of its regional development role CIT offers a range of supports to entrepreneurs and new businesses in the region through its suite of support programmes and initiatives. CIT continued to offer the **Enterprise Start Programme** in 2007. This provides potential entrepreneurs with a realistic, commercial perspective in the creation of a competitive and sustainable business. Many of the participants moved on to avail of the other CIT initiatives for business start-ups.

In March 2008, the **Genesis Enterprise Programme** (GEP) celebrated its 10<sup>th</sup> year of operation. The end of year Showcase and Awards Ceremony was attended by over 200 people from the business community in the region. Minister for Foreign Affairs, Mr Micheál Martin, T.D. provided the keynote address. The ceremony included the presentation of the inaugural Genesis Alumni Award which was presented to Kieran Moynihan, Vice President CTO Telecoms IBM Tivoli Division, Cork.

**The Rubicon Centre**, CIT's on Campus business incubator reached full capacity this year. With over 30 companies in the centre it has become the largest concentration of start-up companies in Ireland. The Rubicon is home to the Genesis Enterprise Programme and provides a range of supports and services to its clients. In addition, 75% of the companies in the centre have links with the Institute, in one form or another. Many are availing of the services of the TEC (Technologies for Embedded Computing Centre). In addition, companies in the centre are host to student visits, student projects and work placement students.

### CIT Prize for Innovation

The 8<sup>th</sup> annual CIT Prize for Innovation had over 80 students take part in the competition to win €10,000 in prize money as well as a chance to compete for the National Title of College Entrepreneurs of the Year and a share of the €50,000 prize money and mentor support. Dr Edward de Bono, the world's leading authority on conceptual thinking was the keynote speaker at the awards ceremony. The winning entry, Rigi Jig, consisted of a team of students from the Department of Mechanical Engineering.

### Industry Support

CIT continues to provide customised and generic courses for industry in the region through its Continuing Education Programme and specialist centres (e.g. The Centre for Advanced Manufacturing and Management Systems). FÁS subsidises many of the courses (35 – 70%) under the "one-step-up" programme. Approximately 20% of the CIT evening programmes are subsidised in this way. Delivery of the courses is flexible and many are delivered to suit the needs of the learners and their employers.

### Strategic Innovation Fund (SIF)

The SIF Cycle 1 *Education in Employment* project continues to work ensuring that the learning provision is made more accessible and relevant for workplace learners and employers.

During 2007 a successful proposal – *Roadmap for Employer-Academic Partnership (REAP)* – was made under Cycle 2 of the Strategic Innovation Fund. The project builds on the success of the *Education in Employment* Cycle 1 project and seeks to develop and expand the partnership engagement between Employers and Higher Education Institutions. The CIT-led REAP consortium involves five other Institutes of Technology and two Universities and the total project budget is €8.4m. The main aims of REAP are in the exploration of the potential of partnership, 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.

In addition to REAP CIT is a partner in a number of other SIF Cycle 2 projects including:

- IOTI-led Addressing the needs of the Knowledge Economy
- DIT-led Strategic Management and Change
- UCC-led Widening Participation – Bridges to Learning
- WIT-led Knowledge transfer in the curriculum
- DKIT-led Creating the Entrepreneurial Graduate

## 4.2 Research Activities

### Research and Development Activity – General

The year 2008 saw the Institute win a total of over €13 million in competitive funding, making CIT one of the most successful Institutes of Technology in terms of research income. CIT researchers published 150 conference papers (more than 50% being peer-reviewed), and 77 peer-reviewed journal papers; gave 57 invited presentations; engaged with over 250 companies in R&D projects; and completed over 200 undergraduate projects with industrial partners. A total of 12 staff were seconded to work full-time in R&D and related areas within industry. The Institute operated the second largest on-campus Business Incubation Centre in the third level sector, with provisional approval from Enterprise Ireland for an extension. It has also supported 140 startup companies through its Genesis Enterprise Programme. Staff in the Institute filed 3 patents in 2008, with 6 more pending.

### New State-of-the-Art Dedicated Research Building

In 2008, CIT began construction of the NIMBUS Research Centre, funded under PRTL IV at a total cost of €13.6m. This is a state-of-the-art research and innovation building of 1800 sq. m. When completed in late 2009, it will house researchers from CIT and their academic (11 Irish institutions and 7 overseas) and industrial partners (approximately 30 Small Medium Enterprises (SMEs) and several Multi-National Companies (MNCs)), who will carry out research and innovation programmes into **wireless technologies**. In particular the centre will carry out world class research into how networks of wireless sensors can improve the energy efficiency of buildings and also how they can help with assisted living of the old, injured and infirm. The Centre will house the 55 researchers currently working in the wireless technologies group, and this number will rise to 80 when the NIMBUS building is completed. NIMBUS will be the national centre for research into how wireless sensor networks can improve our lives, and will be a national resource for industry that will directly support job creation and sustainability through the generation and management of leading-edge knowledge.

### Research2014

CIT updated its comprehensive Research Strategy for the period 2007-2014, known as Research2014. The strategy identifies the three Strategic Research Clusters – the priority research areas in Wireless Technologies, Advanced Therapeutic Engineering and Photonics. Two other areas of highly promising research – Biomedical Engineering and BioFuel Research – have been identified and are currently being supported strategically. Research2014 underpinned the PRTL Cycle IV application and has subsequently been quoted extensively in support of other successful applications by Institute researchers.

### Indicators of Current Research and Development

Outside of the PRTL programme, CIT's performance in building collaborations and attracting funding for its research under various national and international funding competitions continues to show significant growth in a number of areas.

In 2008, CIT researchers in Photonics were awarded €1.3m from Science Foundation Ireland for research into high-speed "quantum dot" lasers which may ultimately increase the speed of communications along fibre-optic cables. The same researchers opened the **CAPPA Centre (Centre for Advanced Photonics and Process Analysis)** which had been funded to the amount of €1.25m by Enterprise Ireland. This is the Institute's second Industry-driven research centre (under the Enterprise Ireland Applied Research Enhancement Scheme).

CIT researchers in Biomedical Engineering opened the Institute's third Industry-driven centre in early 2008 with an award of €1.25m from Enterprise Ireland's ARE scheme. The **MEDIC centre (Medical Engineering Design and Innovation Centre)** is developing new instruments and approaches that will bring a number of medical product concepts to pre-commercialisation stage each year.

Under the Enterprise Ireland "IoT Research Equipment Grant Scheme", CIT researchers used €580,000 to support Photonics and Membrane Technology research. The latter award was a significant support for the National Centre for Membrane Technology, located within the Department of Chemical and Process Engineering.

Under the HEA Equipment Renewal Scheme CIT researchers completed a €295,000 refurbishment in the Advanced Therapeutic Engineering and Photonics areas.

CIT secured funding of €300,000 from the Department of Agriculture and Food for projects involving researchers from the Department of Biological Sciences.

CIT has also secured significant funding from Enterprise Ireland under a number of schemes;

- A number of industry-led research and development projects under the Innovation Partnerships Scheme. It should be noted that each of these projects requires a minimum 25% funding commitment from the industrial partner in addition to any other non-cash inputs
- A number of Proof of Concept projects have been awarded to enable research to move towards a commercialisation route
- Industry Led Research programmes were again awarded to two Departments where CIT was brought into the projects as research partners.

A number of other EU projects were awarded to the Department of Electronic Engineering to the value of approximately €250,000.

A large number of other awards were made to various researchers throughout CIT across the Departments from funding agencies such as Environmental Protection Agency (EPA), The Marine Institute, The Department of the Marine, the Health Research Board and the Food Safety Authority.

The Research Office worked with the various Faculties to provide advice on how best they might prepare their Faculty Research Strategies. The Office completed a major Institute-wide examination to better understand the barriers that discourage staff from participating in research.

### Current Areas of Specialisation and Expertise

Notwithstanding the significant expertise within the three Strategic Research Clusters (SRCs) a noteworthy aspect of Research and Development 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. This broad breadth of activity, with increasing contributions in the areas of “Energy” and “Climate Change”, is unique amongst IoT’s.

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, Aluminium 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 (20<sup>th</sup> 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 (CSIA)**. 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 2007 the turnover was approximately €1m.
- The **Technology for Embedded Computing Centre (TEC)** was formed in 2006 and has been very active in 2008 with research activities between itself and approximately 50 companies.

**Blackrock Castle Observatory** continued its very strong performance as a national promoter of science and engineering, with over 45,000 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. The castle is owned by Cork City Council and managed by CIT and currently houses four PhD students and one MSc student along with 3 full-time staff. (Website: [www.bco.ie](http://www.bco.ie))

### Impact of Research on Undergraduate Teaching and Learning

The positive impact of research on undergraduate training and education is becoming ever more important and CIT is at the forefront of strengthening the link between the two. There are numerous examples of success stories and a sample are listed below:

The **NEMBES Strategic Research Cluster (SRC)** delivers taught modules at all undergraduate levels and at master’s level in the Faculty of Engineering. Researchers also deliver free-choice modules on research linked topics including a module on micro- and nano-technology which includes visits to national research centres in this field and a module on Ideas, Inventions, Innovations where students are supported

in developing and prototyping their own novel technology ideas. Approximately 175 undergraduate students in Electronic Engineering benefit. The industry arm of the NEMBES SRC, the TEC Industry Centre, runs the annual GAINE (**Gr**Aduate **I**ndustry **E**xperience) Internship School with up to 20 undergraduates attending expert lectures and working on industry-focused research projects in the field of embedded wireless systems.

The **BioPharmaChem SRC** delivers research linked modules on several joint-award courses with UCC, including the BSc in Biomedical Science, the MSc's in Biomedical Science and Healthcare Manufacturing along with modules for the Chemistry BSc on "Theory and Applications of LC-MS, GC-MS" and "Chemical Residues and Drug Analyses". The SRC also engages in jointly-supervised MSc/PhD projects, primarily with UCC and Teagasc. Each year approximately 40 students complete undergraduate research projects using BioPharmaChem research laboratory facilities supported by a mentoring system which includes experienced researchers and postdocs.

The **Photonics SRC** has hosted 17 fourth-year undergraduates in their laboratories at the UCC-Tyndall National Institute in the past three years. Undergraduates are involved in the monthly meetings with other groups in Tyndall to share ideas and communicate with the latest developments in photonics research. Researchers in the Photonics SRC deliver modules on research linked topics in optical engineering to scientists and engineers. Approximately 230 undergraduates benefit. The SRC has hosted secondary school teachers under the SFI STAR and EUREKA programmes. The industry arm of the Photonics SRC, the CAPPA Industry Centre, provides one research linked module on "Industrial Optical Engineering" to undergraduates at Level 8.

The **Biomedical and Mechanical Engineering** fourth-year undergraduates undertake a year-long project in which they develop a product from concept to prototype, also generating a marketing and business plan. Tutored by researchers, students from this programme have won first prize in the I.Mech.E. Best International Medical Engineering Degree Project five times in the past eight years, coming second on the other 3 years. The MEDIC Industry Centre research staff run seminars for engineering, science and business-studies undergraduates and postgraduates on the Product Development Process.

At an **Institutional level**, the Research and Development Offices run a series of presentations on the current status of, and opportunities for research in CIT which is open to postgraduates and undergraduates. Individual Faculties run various seminars, workshops, competitions and other initiatives of their own.

### Building Stronger Research Collaborations

CIT recognises that collaboration is the key to maximising the quantity and quality of everything it does. This is evidenced as follows:

- Building effective **strategic partnerships with UCC** by focusing on CIT's traditional strengths and close links with industry is our top priority. This is exemplified by a number of formal agreements covering jointly taught courses (Biomedical Sciences, Architecture, Biotech Manufacturing) and research (Biosciences, Food and Health, ICT, Energy). **A joint mapping exercise is currently underway which will identify opportunities for further collaboration in other areas.** CIT is also a significant collaborator with the Tyndall Institute at UCC where 22 CIT-registered postgraduate students are based full-time.
- Recognising that proximity to **clinical practitioners** in a large teaching hospital confers considerable added value, CIT has established productive collaborations with Cork University Hospital in the biosciences and biomedical engineering. Teagasc is also a significant collaborator contributing to what is now a rapidly developing regional innovation network. The Institute also has a record of formal collaboration with other HEI's in Ireland (e.g. TCD, UCD, DCU, UL, NUIG, WIT).
- **Private sector collaborations** influence the approach taken in basic research in that realisation of commercial potential requires researchers to place some boundaries on their research; driven by such things as cost sensitivity and likely market demand. This is informed by the Institute's links with multinationals (e.g. Roche, Novartis, Glanbia, EMC, Boston Scientific and Stryker) and indigenous companies (e.g. Redmere, Enbio, Audit Diagnostics).
- **International Collaboration:** The Institute can demonstrate considerable success in securing grants from international research funding competitions involving many substantial collaborations with partners overseas. Partner Institutions involved include universities at Bremen, Texas, Roskilde, Valencia, Glasgow, Bari, Graz (TU), Dundee and UCLA among others. The Institute also has valuable collaborations in the teaching and learning space under various programmes (e.g. with Memorial University, Darmstadt, Illinois Institute of Technology).

## 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

### Cork-Cook County Bio-Initiative

Lieutenant Governor Pat Quinn of Cook County, Chicago led a "Bio-Initiative" mission to Cork during this year. The mission was hosted by Cork County Council which has developed a significant partnership with Cook County. The visit included meetings in CIT which are expected to lead to deeper links with Chicago and the Illinois Institute of Technology in particular.

### International Activities

#### Lifelong Learning Programme: Erasmus

During 2007-2008, the activities under the LLP Erasmus programme continued to develop. Cork Institute of Technology had 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.

A total of 19 outgoing and 130 incoming students participated in the Erasmus Study Exchange programme for this academic year. Nine Erasmus academic teaching visits were also carried out. The LLP Erasmus programme funded placements for 13 CIT students during the academic year. (Placements were formerly funded through the Leonardo da Vinci Programme). Erasmus support was also secured to fund three Erasmus Preparatory Visits, whereby visits to new partner institutions in Italy and the UK, involving the department of Media Communications and the CIT Cork School of Music were facilitated.

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

- Applied Physics and Instrumentation
- Art & Design
- Biological Sciences
- Business Studies
- Chemical & Process Engineering

- Chemistry
- Civil, Structural & Environmental Engineering
- Construction & Architecture
- Electronic Engineering
- Computing
- Mechanical Engineering
- Media Communications
- Music
- National Maritime College of Ireland
- Social & General Studies
- 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.

One of the success stories of the CIT outgoing Erasmus exchange programme during 2007 to 2008 was when a 4<sup>th</sup> year Business Studies student went to study at the Blekinge Tekniska Hogskola, in Sweden, and graduated with a Master's degree at the host institution, whilst also receiving his Honours Bachelor of Business Studies degree from CIT.

CIT's Erasmus exchange activities and partnerships continue to grow and develop, and new collaborative projects, such as Intensive Programmes are being developed by a number of academic departments.

### 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. Two students came from Maine for one semester each and one CIT student spent a full academic year at the Southern Maine Community College.

### 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 will provide the opportunity for thirty students from Europe to travel to one of the partner institutions in Canada for a specified study period. In return, thirty students from the corresponding Canadian partners will study in one of the three institutions in Europe. Faculty exchange opportunities will also be available. Structured exchanges for specialist teaching staff and administrators will contribute 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)**

A Centre for Marine Crew and Passenger Safety and Security (M-CAPSS) will be established involving six partner institutions in the EU and Canada. The project will provide the opportunity for thirty students from Europe to travel to one of the partner institutions in Canada for a specified study period. In return, thirty students from the corresponding Canadian partners will study in one of the three institutions in Europe. Faculty exchange opportunities will also be available. The overall objective of the M-CAPSS Project is to draw on the strengths of each contributing institution in order to design and deliver training that is current, in demand, and necessary in today's marine industry. It will be used to enhance the student experience, skills and knowledge. The topical focus and theme of the project is Safety and Security.



## 4.4. Campus Development

### Learning Resource Centre

The Department of Education and Science sanctioned expenditure on enabling works for this project. The necessary works were completed. An outline planning application for the development was lodged and permission was granted in August. Details of the PPP contract are being developed.

### Student Centre

Uptake of the retail units at the Student Centre progressed well in 2007/08. The Bistro opened for business in January 2008. The lease for the Barber Shop was signed in May with a planned operational date of 1 September. A report was submitted outlining options with regard to establishing a definite strategy for the proposed bar.

### Refurbishments and other works

Significant refurbishments took place throughout the Institute during this academic year. Among the work undertaken in classrooms at Bishopstown Campus was replacement of fixed seating, repairs to structure, painting, floor covering, provision of audiovisual teaching equipment, insertion of false ceilings, soundproofing, lighting enhancement and fitting of electronic door entry controls. Substantial refurbishment was undertaken in the Student Canteen. The external aluminum doors at the East Atrium and on the northern façade of C-Block were replaced. Unit 20, Northpoint was remodeled to better meet the needs of the staff and students. Work on the conversion of rooms C147 and C154 into a BioPharma Research facility got underway. Stainless steel handrails have been installed in the hard landscaped areas adjacent to the Tourism & Hospitality Building and the Administration Building.

### CIT Crawford College of Art & Design

The Programme of Health and Safety Works continued at the College during 2007/08. Significant refurbishment of the roof and Annex Building was completed as well as upgrading the disabled access to the College.

### Sport & Amenity Developments

The construction of a 1,500m section of a two meter wide walkway and jogging path with a blinded limestone finish in the lands at the west side of the Curraheen river was completed in 2008 and the tenders for the pedestrian bridge to be located at the Northern end of the river have been received with the work expected to be completed before the end of 2008.

Work on the development of the 6th and final playing pitch on the lands west of the Curraheen river has been completed and work is due to be completed on the installation of floodlighting for pitches 3 and 5 before the end of 2008.

Construction of the Gaelic Games Pitch Stand roof was completed in April and the official opening of the complex by the Minister for Education and Science, Mr Batt O'Keeffe T.D. took place on 26 May 2008.

Funding has been awarded under the 2008 Sports Capital Grants Scheme which will enable the Institute to construct a new stand at the Athletics Track.

## 4.5 Safety & Facilities Management

### Emergency Evacuation

Evacuations took place throughout the Institute during the academic year 2007/08 which culminated in a planned fire evacuation taking place in April 2008. The exercise was deemed to be very successful and was completed in 6 minutes 30 seconds. Evacuation chairs were installed at strategic locations around Bishopstown Campus and the Safety Response Team were trained on the proper use of same.

### General Safety & Training

Courses were run in the areas of Occupational First Aid, Safe Pass, Manual Handling and Forklift Driving and all participants passed the relevant course examinations. Safety Induction Training was held for first year students in a number of areas. A series of training sessions were held on the Duties and Responsibilities of Management under the new Health & Safety regulations. Mandatory Equipment Service and Inspection was carried out on all maintenance equipment as required by the 2007 General Applications. Service of campus fire equipment was completed and a Certificate of Conformance was received for 2008.

To ensure safety information and training material is available to all staff, a Safety Video Library has been installed on a central server. This resource will give staff access to 60 short safety training and demonstration videos.

### Hazard and Risk Assessments

Risk Assessments were undertaken and completed at both the Bishopstown Campus and the National Maritime College of Ireland (NMCI).



# *human resources*

*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 2007/08, the Institute's Headcount was 1,570 which equates to 1,010.86 Wholetime Equivalents. The largest category of staff are Academic Staff which account for 66% 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:

Edward Doyle, Lecturer, National Maritime College of Ireland  
 Jeremiah G Kelleher, Lecturer, Department of Mathematics  
 James A Lynch, Lecturer, Department of Manufacturing, Biomedical & Facilities Engineering  
 John McHugh, Higher Order Attendant, Department of Civil, Structural & Environmental Engineering  
 Philip Mortell, Pro-Rata Part-Time Assistant Lecturer, Department of Social & General Studies  
 David Muldowney, Lecturer, Department of Accounting & Information Systems  
 Michael G Murphy, Lecturer, Department of Computing  
 Colin Nicholls, Lecturer, CIT Cork School of Music  
 Dr Thomas J. Rigney, Head of School of Business  
 Eamonn Walsh, Technician, Department of Biological Sciences

### Retirement Function to Honour our Retired Staff

At the request of the Chairman and members of the Governing Body, the President Dr Brendan J. Murphy hosted a Retirement Function on 4 April 2008 for staff who have retired since he took up duty as President on 1 September 2004.

The function was attended by more than 50 retired staff and their guests as well as the Chairman of Governing Body, Dr Paddy Caffrey, the President and the Senior Staff of the Institute. Speaking at the event, the Chairman on behalf of the Governing Body welcomed the retired staff back to CIT, acknowledged their contribution and their many years of service to the success of the Institute.

A special welcome was extended to the families of those staff who have passed away since their retirement, namely;  
 Bernard Houlihan RIP  
 Bill Nolan RIP  
 Joe McCarthy RIP

The Programme for the day included a tour of the new CIT Cork School of Music state of the art facilities, lunch in the Restaurant in the Tourism & Hospitality Building at the Bishopstown Campus and the option of attending the Irish Chamber Orchestra Concert at the CIT Cork School of Music that evening.

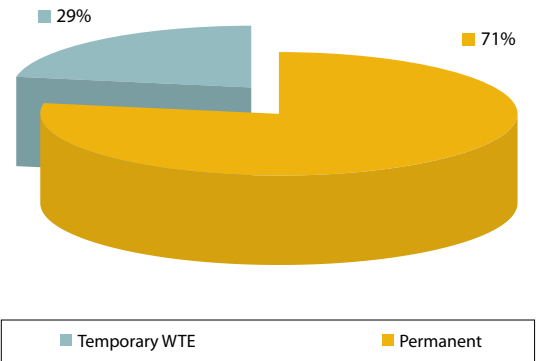
A presentation of a specially commissioned piece of sterling Cork silver made by Sean Carroll & Sons was presented to each staff member or their family on the day. The silver letter opener has the crest and motto of the Institute, the year in which the staff member retired and a dedication of thanks for their vital contribution to the Institute.

In closing, the President stated "I hope each of you and sadly in some cases members of their family will accept this token of our appreciation of what you have done and indeed continue to do for CIT, its staff, students and graduates. You have lived up to the Institute's motto *Risam Uile* let us all achieve together and we thank you for it and we continue to wish you many more years of retirement".

## 5.2 Staff Numbers

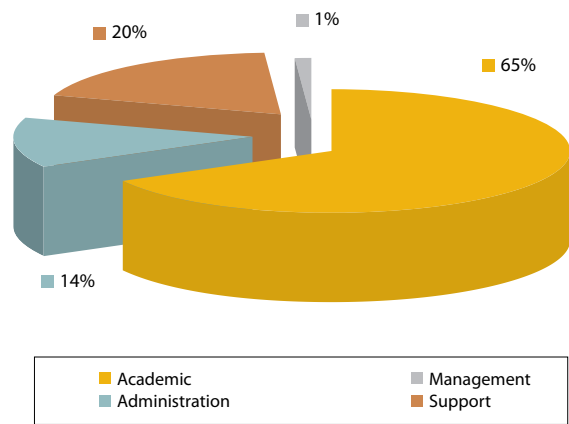
### Total Staff Numbers

|               | Male   | Female | Total          |
|---------------|--------|--------|----------------|
| Permanent     | 458.24 | 259.57 | <b>717.81</b>  |
| Temporary WTE | 137.71 | 155.34 | <b>293.05</b>  |
|               | 595.95 | 414.91 | <b>1010.86</b> |



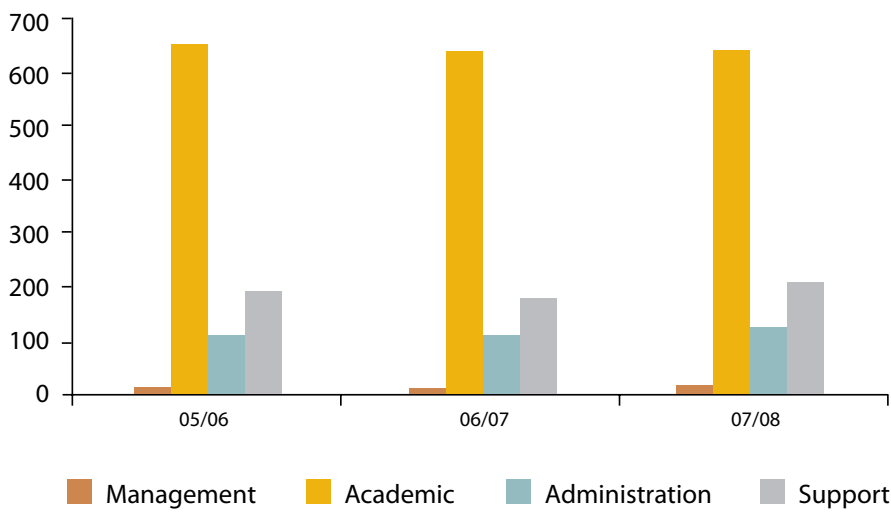
### Staff by Category

|                | Male    | Female | Total          |
|----------------|---------|--------|----------------|
| Management     | 8.00    | 2.00   | <b>10.00</b>   |
| Academic       | 436.71  | 215.20 | <b>651.91</b>  |
| Administration | 23.96   | 118.79 | <b>142.75</b>  |
| Support        | 1127.28 | 78.92  | <b>206.20</b>  |
|                | 595.95  | 414.91 | <b>1010.86</b> |



### Staff Trends – 3 Year History

|                | 05/06  | 06/07  | 07/08   |
|----------------|--------|--------|---------|
| Management     | 10.00  | 10.00  | 10.00   |
| Academic       | 664.21 | 649.07 | 651.91  |
| Administration | 119.91 | 131.82 | 142.75  |
| Support        | 192.85 | 181.55 | 206.2   |
|                | 986.97 | 972.44 | 1010.86 |



## 5.3 Staff Achievements

### Congratulations were extended to the following:

- Dr Kevin James, Senior Lecturer 1 (T), Department of Chemistry who was honoured by University College Cork with the title Adjunct Professor of Chemistry
- Dr Roy Sleator, Pro-Rata Part-Time Assistant Lecturer, Department of Biological Sciences on being appointed Editor-in-Chief of Bioengineered Bugs, the first international peer reviewed journal of its kind to focus on genetic engineering which involves the generation of recombinant strains for beneficial applications in food, medicine, industry, environment and bio-defense
- James Hayes, Assistant Lecturer, CIT Crawford College of Art & Design who led the first ever Irish team to 4th place at the World Snow Festival in Grindelwald, Switzerland
- Ms Vera Ryan, Senior Lecturer 1 (T), CIT Crawford College of Art & Design on her book entitled "Dan Donovan: An Everyman's Life"
- Professor Kevin James, Senior Lecturer 1(T), Department of Chemistry who presented his twentieth postgraduate research student to be conferred with the PhD award at the Institute's Annual Conferings
- The Staff and Students of the Department of Tourism & Hospitality Studies who held a "Coffee Morning" in aid of St Patrick's Hospital/Marymount Hospice and raised over €1,000
- Dr Aidan Coffey, Senior Lecturer 1 (T), Department of Biological Sciences on being invited to present his research work at two international conferences (Kiel and Utrecht)
- Catherina Hearne, Lecturer, CIT Crawford College of Art & Design who was one of 15 Irish artists whose work was exhibited as part of a contemporary Irish Art Exhibition in Beijing, China
- Pamela Hardesty, Pro-Rata Part-Time Assistant Lecturer, CIT Crawford College of Art & Design who was one of 34 artists selected for the prestigious Kaunas Art Biennial, Textile 07 held in Kaunas, Lithuania
- Mervyn O'Mahony, Societies Officer and other Staff and Students from various departments in the Institute who organised a charity hike up Caher (1001m) and across to Carrantuohill (1039m) in order to raise funds for the following local charities – St Vincent de Paul, Marymount Hospice and Cork Simon Community. Over €4,500 was raised by the charity event

### Staff members who were conferred include:

- Julie Aldridge, MA in Art Therapy
- Orla Flynn, MA in Management in Education
- Gráinne Daly, Postgraduate Diploma in Arts in Hospitality & Tourism Education
- Eithne Farr, Postgraduate Diploma in Construction Law and Contract Administration
- Adrian Gregan, Postgraduate Diploma in Arts in Hospitality & Tourism Education
- Breda Hickey, MA in Management in Education
- Eleanor Malone, MA in Musical Performance
- Gina O'Brien, BBS
- Ann O'Connor, MA in Management in Education
- Catherine O'Mahony, Postgraduate Diploma in Arts in Hospitality & Tourism Education
- David O'Riordan, BSc (Hons) in Technology
- Catherine Phillips, MA in Art Therapy
- Steven Young, Postgraduate Diploma in Digital Media Development in Education

### New Appointments

The following staff were confirmed for appointment during the academic year 2007/08:

- Colin Barry Murphy, Senior Lecturer 1(T), Department of Accounting & Information Systems
- Dr Daniel Boyd, Assistant Lecturer, Department of Manufacturing, Biomedical & Facilities Engineering
- Cornelius Burns, Assistant Lecturer, Department of Social & General Studies
- Eoin Callanan, Technician, School of Building & Civil Engineering
- Raymond Coughlan, Acting Head of School of Humanities
- Gerard Culley, IT Manager
- Helen Dillon, Assistant Staff Officer, Department of Social & General Studies
- Orla Flynn, Acting Head of College, CIT Crawford College of Art & Design
- Kevin Gill, Acting Head of Department of Fine Art & Ceramic Design, CIT Crawford College of Art & Design
- Katherine Keane, Head of Department of Architecture
- Germain Levieille, Assistant Lecturer, Department of Biological Sciences
- Marian Murphy, Technician, Department of Biological Sciences
- James O'Byrne, Assistant Lecturer, Department of Civil, Structural & Environmental Engineering
- Niamh Power, Assistant Lecturer, Department of Civil, Structural & Environmental Engineering
- Anne Wilkinson, Assistant Staff Officer, Examinations



# *finance report*

*Cork Institute of Technology*

**6.1** *Financial Report*

**6.2** *Audited Accounts 2007/2008*

## 6.1 Financial Report

The Institute is governed by the Regional Technical Colleges Act, 1992 which provided for the transfer from the VEC to the college of all the assets and liabilities associated with the college. The Institute became a Statutory Body with effect from 1 January 1993.

The Institute of Technology Act 2006 came into effect during the period and amongst other changes provided for the transfer of funding responsibility for the Institute from the Department of Education and Science to the Higher Education Authority. This became effective in February 2007.

### Results

These results cover the period from 1 September 2007 to 31 August 2008.

Turnover increased by €3.3m from €89.4m to €92.7m. This can be primarily attributed to increases in the Recurrent Grant, Tuition Fees and Research & Development income.

Expenditure increased by €6.0m during the period from €86.2m to €92.2m. This is due to an increase in the cost of running academic departments €1.9m; an increase in R&D expenditure of €1.9m and an increase in the depreciation charge of €2.0m.

The result for the year ended 31 August 2008 was an operating surplus of €0.40m. However, net transfers to the Restricted Reserve and Sporting Facilities Trust were €0.78m. This resulted in a reduction in the accumulated surplus, which now stands at €0.47m.

### Capital Expenditure

Capital Expenditure for the year ended 31 August 2008 was €6.3m, of which approx 75% was spent on Furniture & Equipment with the majority of the remainder being spent on Land & Buildings.

There has been a considerable increase in the Building Stock over the past number of years and this has resulted in a significant increase in the depreciation charge.

### Current Expenditure

The Institutes total current expenditure (excluding depreciation) increased by approximately 5% over the year to €86.5m. The Institutes pay bill amounted to €65.1m during the period which represented 75% of current expenditure.

### Research & Development

Income from Research, Development and Self Funding Activities increased by €1.9m to €9.6m, which represents year on year growth of 25%. The Institute has been successful in competitions for research funding and it is expected that this area will grow further in 2008/09.

## 6.2 Audited Accounts 2007/08

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 is 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.

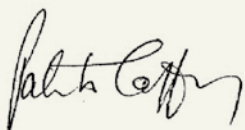
Cork Institute of Technology has an outsourced internal audit function, which operates in accordance with the Framework Code of Best Practice set out in the code of Practice for the Governance of State Bodies. An internal audit strategy for 2006-2008 has been developed based on risk assessment. This audit strategy has been approved by the Internal 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 Code of Best Practice consists of 13 key financial activities and identifies checks that should be performed regularly to evaluate the effectiveness of the internal financial control environment.

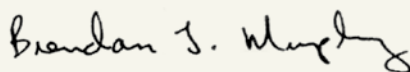
The Governing Body monitoring and review of the effectiveness of the system of internal financial control is informed by the work of the Head of Internal Audit, the Audit Committee which oversees the work of Internal Audit, the Director, Institute Executive and Managers within Cork Institute of Technology 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.

Signed on behalf of the Governing Body



**Dr Paddy Caffrey**  
Chairman



**Dr Brendan J. Murphy**  
President

## 6.2.2 Statement of Institute Responsibilities

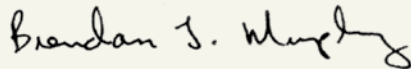
The Institutes of Technology Acts 1992 to 2006 require the Institute to prepare financial statements in such form as may be approved by the Higher Education Authority and to submit them for audit to the Comptroller and Auditor General. In preparing these financial statements, the Institute is required 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 2008 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 draft guidance on corporate governance issued by the Department of Education and Science 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 their management and operations which attach to bodies in receipt of substantial funding from the State. 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 2008 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**

**30 March 2009**

## 6.2.4 Statement of Accounting Policies

### Introductory Note

Cork Institute of Technology was established in 1974 and until 31 December 1992 operated under the control of the City of Cork Vocational Education Committee (VEC) in accordance with the provisions of the Vocational Education Acts. Following the enactment of the Regional Technical Colleges Act, 1992, the Institute was made a statutory body with effect from 1 January 1993. The Act provided for the transfer from the VEC to the Institute of all the assets and liabilities associated with the Institute. The name Regional Technical College Cork was changed to Cork Institute of Technology by order of the Minister for Education and Science on 18 December 1997.

Under the Institutes of Technology Act 2006 which came into operation on 1 February 2007 certain functions which were previously exercised by the Minister for Education and Science were transferred to the Higher Education Authority. Certain funding which was previously provided by the Department of Education and Science is now provided through the Higher Education Authority.

#### 1. Basis of Accounting

These Financial Statements cover the period 1 September 2007 to 31 August 2008.

#### 2. Basis of Preparation

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

#### 3. State Grants

State grants for recurrent expenditure are allocated by the Higher Education Authority on a calendar year basis. The grant reported in the Income and Expenditure account is the amount determined by the Higher Education Authority to be appropriate to the relevant academic year, as at the date of the approval of the financial statements.

State grants in respect of minor capital works are awarded by the Department of Education and Science on a calendar year basis. The grant reported in the Income and Expenditure Account is the amount appropriate to the relevant academic year determined on a time apportionment basis.

State grants for capital expenditure (including grants for recurrent purposes utilised for the purchase of equipment and minor works) are capitalised and credited to income over the estimated useful lives of the related assets.

#### 4. Research Grants and Contracts

Research grant and contract funds are included in the income of the year in which the related expenditure is incurred. Full provision is made for foreseeable losses.

Research grant and contract funds utilised to purchase tangible fixed assets are capitalised and credited to income over the estimated useful lives of the related assets.

#### 5. Stocks

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

#### 6. Tangible Fixed Assets and Depreciation

Tangible 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

Tangible 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 15. Subsequent additions are stated at cost.

##### (b) 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 |



## 7. Leased Assets

By direction of the Department of Education and Science the capital cost of assets acquired under finance leases is reflected in the Income and Expenditure Account in the period in which the lease was entered into. The capital cost is also included in fixed assets.

## 8. 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.

## 9. 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.

Superannuation deductions from employees are retained by the Institute.

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

## 10. Capital Account

The Capital Account represents the unamortised value of income allocated for capital funding.

## 11. Restricted Reserve

This Reserve represents amounts set aside from Registration Fees paid by students and funds from third parties, together with bank interest earned on these monies, towards the provision of Student facilities and the long term development of the Institute.

## 12. Sporting Facilities Trust

In 2002 the Institute established a Sporting 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 sporting facilities of the Institute.

## 13. Student Registration Charges

Charges are used to fund student Facilities and Amenities and with effect from September 2002, by direction of the Department of Education and Science, a portion of the fee per student (€330) is used to fund general recurrent expenditure of the Institute. Any residual balances are transferred to the Restricted Reserve.

## 14. Student Support Funding

Funding is received from the Higher Education Authority for a Student Assistance Fund and a Disabilities fund. Amounts received are accounted for as Other Income and are taken to income in the year in which the related expenditure is incurred.

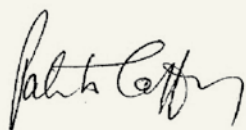
## 6.2.5 Income & Expenditure Account for year ended 31 August 2008

| <b>INCOME</b>                                  | <b>NOTE</b> | <b>2008</b><br><b>€000</b> | 2007<br>€000   |
|--|-------------|----------------------------|----------------|
| State Grant Recurrent                          | 1           | <b>53,904</b>              | 51,684         |
| Release from Capital Account                   |             | <b>5,811</b>               | 5,889          |
| Tuition Fees                                   | 2           | <b>13,049</b>              | 12,180         |
| Research, Development and Self-Funding         | 3           | <b>9,540</b>               | 7,641          |
| Interest Income                                | 4           | <b>201</b>                 | 184            |
| Student Registration Charges                   | 5           | <b>4,764</b>               | 4,435          |
| Other Income                                   | 6           | <b><u>5,388</u></b>        | <u>7,385</u>   |
|  |             | <b><u>92,657</u></b>       | <u>89,398</u>  |
| <br><b>EXPENDITURE</b>                         |             |                            |                |
| Academic Departments                           | 7           | <b>55,316</b>              | 53,377         |
| Academic Support Services                      | 8           | <b>1,450</b>               | 1,338          |
| Premises                                       | 9           | <b>7,359</b>               | 8,446          |
| Central Administration                         | 10          | <b>10,157</b>              | 9,461          |
| General Educational Expenses                   | 11          | <b>678</b>                 | 474            |
| Student Facilities and Amenities               | 12          | <b>1,968</b>               | 1,671          |
| Research, Development and Self-Funding         | 3           | <b>9,523</b>               | 7,640          |
| Depreciation                                   | 15          | <b><u>5,801</u></b>        | <u>3,817</u>   |
|  | 13          | <b><u>92,252</u></b>       | <u>86,224</u>  |
| <br><b>Operating Surplus</b>                   |             | <br><b>405</b>             | <br>3,174      |
| Transfer to Restricted Reserve                 |             | (10)                       | (50)           |
| Transfer to Sporting Facilities Trust          |             | <b>(938)</b>               | (2,657)        |
| <b>Transfer from Sporting Facilities Trust</b> |             | <b>143</b>                 | -              |
| <b>Transfer from Restriced Reserve</b>         |             | <b>30</b>                  | -              |
| <br><b>Accumulated Surplus</b>                 |             | <br><b><u>842</u></b>      | <br><u>375</u> |
| <b>Accumulated Surplus at end of year</b>      |             | <b><u>472</u></b>          | <u>842</u>     |

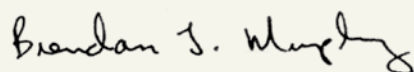
There are no recognised gains or losses other than those dealt with in the Income and Expenditure account.

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



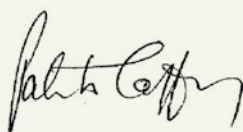
**Dr Brendan J. Murphy**  
President

## 6.2.6 Balance Sheet as at 31 August 2008

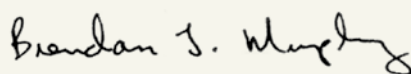
|  | NOTE | 2008<br>€000                     | 2007<br>€000                     |
|--|------|----------------------------------|----------------------------------|
| <b>FIXED ASSETS</b>                          |      |                                  |                                  |
| Tangible Assets                              | 15   | <u>104,492</u><br><u>104,492</u> | <u>103,998</u><br><u>103,998</u> |
| <b>CURRENT ASSETS</b>                        |      |                                  |                                  |
| Debtors                                      | 16   | 10,553                           | 10,600                           |
| Cash at bank and in hand                     |      | <u>7,678</u>                     | <u>5,990</u>                     |
|  |      | <u>18,231</u>                    | <u>16,590</u>                    |
| <b>CREDITORS</b>                             |      |                                  |                                  |
| Amounts falling due within one year          | 17   | <u>15,329</u>                    | <u>13,056</u>                    |
| <b>NET CURRENT ASSETS</b>                    |      | <u>2,902</u>                     | <u>3,534</u>                     |
| <b>TOTAL ASSETS LESS CURRENT LIABILITIES</b> |      | <b>107,394</b>                   | 107,532                          |
| Amounts falling due after more than one year |      | -                                | -                                |
| <b>NET ASSETS</b>                            |      | <u>107,394</u>                   | <u>107,532</u>                   |
| <b>Represented by</b>                        |      |                                  |                                  |
| <b>RESERVES</b>                              |      |                                  |                                  |
| Capital Account                              | 18   | 104,492                          | 103,998                          |
| Income and Expenditure Account               |      | <u>472</u>                       | <u>842</u>                       |
|  |      | <b>104,964</b>                   | 104,840                          |
| Restricted Reserve                           | 19   | 71                               | 341                              |
| Sporting Facilities Trust                    | 20   | <u>2,359</u>                     | <u>2,351</u>                     |
|  |      | <u>107,394</u>                   | <u>107,532</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 2008

|   | NOTE | 2008                | 2007                  |
|---|------|---------------------|-----------------------|
|   |      | €000                | €000                  |
| <b>Reconciliation of operating surplus to net cash inflow from operating activities</b> |      |                     |                       |
| Operating Surplus   |      | 405                 | 3,174                 |
| Interest Income   |      | (201)               | (184)                 |
| Depreciation  |      | 5,801               | 3,817                 |
| Amortisation in line with asset depreciation  |      | (5,811)             | (5,889)               |
| Loss on Disposal of Fixed Assets  |      | 4                   | 2,062                 |
| (Increase) / Decrease in Debtors  |      | 47                  | 5,686                 |
| (Decrease) / Increase in short term Creditors   |      | <u>2,273</u>        | <u>(923)</u>          |
| <b>Net Cash (Outflow) / Inflow from Operating Activities</b>                            |      | <b><u>2,518</u></b> | <b><u>(3,629)</u></b> |

### Cashflow Statement


|  |                |                 |
|--|----------------|-----------------|
| <b>Net Cash (Outflow) / Inflow from Operating Activities</b> | <u>2,518</u>   | <u>(3,629)</u>  |
| <b>Returns on investments and servicing of finance</b>       |                |                 |
| Interest Received  | 201            | 184             |
| <b>Capital Expenditure</b>                                   |                |                 |
| Payments to acquire Fixed Assets                             | (6,305)        | (11,641)        |
| Proceeds from the Disposal of Fixed Assets                   | 6              | 10              |
| Net Cash Outflow for capital expenditure                     | <u>(6,299)</u> | <u>(11,631)</u> |
| <b>Financing</b>   |                |                 |
| State Capital Grants spent on Fixed Assets                   | 1,091          | 6,186           |
| State Recurrent Grants spent on Fixed Assets                 | 1,496          | 2,561           |
| Other funds spent on Fixed Assets                            | <u>2,681</u>   | <u>861</u>      |
|  | <u>5,268</u>   | <u>9,608</u>    |
| (Decrease) / Increase in Cash                                | <b>1,688</b>   | (5,468)         |

### Increase / (Decrease) in Cash

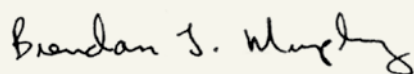
|                        |              |                |
|------------------------|--------------|----------------|
| Net opening funds      | 5,990        | 11,458         |
| Net Funds at 31 August | <u>7,678</u> | <u>5,990</u>   |
|                        | <u>1,688</u> | <u>(5,468)</u> |

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

## 6.2.8 Notes to the Financial Statements

### 1. State Grant

|                                       | Allocated for<br>recurrent expenditure | Allocated for<br>capital expenditure | Total         |
|---------------------------------------|--|--------------------------------------|---------------|
|                                       | €000                                   | €000                                 | €000          |
| State grant for recurrent expenditure | 52,867                                 | 1,496                                | 54,363        |
| State grant for capital expenditure   | 327                                    | 838                                  | 1,165         |
| State grant for minor capital works   | <u>710</u>                             | <u>253</u>                           | <u>963</u>    |
|                                       | <u>53,904</u>                          | <u>2,587</u>                         | <u>56,491</u> |

With effect from 1 February 2007 the Higher Education Authority took over the responsibility from the Department of Education and Science for the funding of recurrent expenditure. In addition to the above, amounts of €200,661 and €222,756 have been taken to income in respect of Hardship and Disability funding from the HEA. These amounts are accounted for under Other Income.

### 2. Tuition Fees

|   | 2008          | 2007          |
|---|---------------|---------------|
|   | €000          | €000          |
| Full-time students (6,116 whole time equivalents) | 10,427        | 9,525         |
| Part-time students (2,118 whole time equivalents) | <u>2,622</u>  | <u>2,655</u>  |
|   | <u>13,049</u> | <u>12,180</u> |

The Department of Education and Science / HEA paid tuition fees in the year of €3.551m for full time level 8 courses and €5.253m for level 6 & 7 courses, the total costs of which are part funded by the ESF.

### 3. Research, Development and Self Funding

|   |                |              |
|---|----------------|--------------|
| <b>Income</b>                           |                |              |
| Income                                  | 12,157         | 8,263        |
| Transfer to Capital Account             | <u>(2,617)</u> | <u>(622)</u> |
|   | <u>9,540</u>   | <u>7,641</u> |
| <b>Expenditure</b>                      |                |              |
| <u>Staff Costs</u>                      |                |              |
| Teaching                                | 674            | 539          |
| Technical                               | 8              | 4            |
| Administration, Executive & Secretarial | 1,016          | 595          |
| Premises Maintenance                    | 83             | 58           |
| Library                                 | 7              | 14           |
| Examinations                            | 122            | 280          |
| Research                                | 1,259          | 1,065        |
| Student Services Pay                    | 90             | 80           |
| General Staff                           | <u>181</u>     | <u>164</u>   |
|   | <u>3,440</u>   | <u>2,799</u> |

|  | 2008                | 2007                |
|--|---------------------|---------------------|
|  | €000                | €000                |
| <u>Materials &amp; Services</u>                        |                     |                     |
| Materials & Other Consumables                          | 593                 | 372                 |
| Library Materials                                      | -                   | 1                   |
| Computer Costs   | 243                 | 155                 |
| General Education                                      | 1,640               | 1,357               |
| Services to Students                                   | 5                   | 157                 |
| Research Costs   | 329                 | 150                 |
| Equipment  | 19                  | 51                  |
| Premises Costs   | 608                 | 459                 |
| Travel & Subsistence                                   | 492                 | 409                 |
| Personnel Costs  | 339                 | 262                 |
| Professional fees                                      | 1,546               | 1,279               |
| Communications   | 48                  | 31                  |
| Stationery & Office Materials                          | 150                 | 105                 |
| General Advertising & Publicity                        | 62                  | 40                  |
| Finance Costs  | 2                   | 6                   |
| Other  | 7                   | 7                   |
|  | <u>6,083</u>        | <u>4,841</u>        |
| <b>Total Expenditure</b>                               | <b><u>9,523</u></b> | <b><u>7,640</u></b> |
| <b>4. Interest Income</b>                              |                     |                     |
| Income from Deposits                                   | <u>201</u>          | <u>184</u>          |
|  | <u>201</u>          | <u>184</u>          |
| <b>5. Student Registration Charges</b>                 |                     |                     |
| Registration   | 5,165               | 4,843               |
| Interest Income  | 89                  | 39                  |
| Other Income   | <u>2</u>            | <u>4</u>            |
|  | <b>5,256</b>        | <b>4,886</b>        |
| <b>Transfer to Self Funding</b>                        |                     |                     |
| To fund student service registration costs             | (101)               | (95)                |
| To fund student retention programmes                   | (74)                | (70)                |
| To fund examination costs                              | (203)               | (189)               |
| To fund miscellaneous costs                            | <u>(60)</u>         | <u>(60)</u>         |
|  | <b>(438)</b>        | <b>(414)</b>        |
| Transfer to Capital Account                            | <u>(54)</u>         | <u>(37)</u>         |
|  | <b><u>4,764</u></b> | <b><u>4,435</u></b> |
| Student Registration Charges                           | 5,165               | 4,843               |
| Interest and Other Income                              | <u>91</u>           | <u>43</u>           |
|  | <b>5,256</b>        | <b>4,886</b>        |
| Applied as:  |                     |                     |
| Expended on Student Facilities and Amenities (Note 12) | 1,968               | 1,671               |
| Transfer to Self Funding                               | 438                 | 414                 |
| Transfer to Capital (Note 18)                          | 54                  | 37                  |
| Retained to fund general recurrent expenditure         | 2,043               | 2,158               |
| Transfer to Sporting Facilities Reserve                | <u>753</u>          | <u>606</u>          |
|  | <b><u>5,256</u></b> | <b><u>4,886</u></b> |

The transfers to Self Funding represent amounts allocated to fund Registration, Student Retention, Examination and miscellaneous costs. These are accounted for as Income under Research, Development and Self Funding and matched against actual expenditure incurred. Unexpended balances are accounted for as deferred income.

**6. Other Income**

|                                      | <b>2008</b>         | 2007         |
|--------------------------------------|---------------------|--------------|
|                                      | <b>€000</b>         | €000         |
| Hardship Funding                     | <b>232</b>          | 237          |
| Disabilities Funding                 | <b>155</b>          | 226          |
| Transfer (to) / from Capital Account | <u><b>(10)</b></u>  | <u>(52)</u>  |
|                                      | <b>337</b>          | 411          |
| Superannuation                       | <b>4,514</b>        | 4,372        |
| Other Income                         | <u><b>497</b></u>   | <u>2,602</u> |
|                                      | <u><b>5,388</b></u> | <u>7,385</u> |

**7. Academic Departments****Staff**

|  |                      |               |
|--|----------------------|---------------|
| Teaching                               | <b>45,440</b>        | 43,245        |
| Technical                              | <b>4,040</b>         | 4,056         |
| Administration, Executive, Secretarial | <b>1,524</b>         | 1,526         |
| Library Staff                          | <b>115</b>           | 118           |
| Premises Maintenance                   | <b>822</b>           | 992           |
| Examinations                           | <b>4</b>             | 17            |
| Research                               | <b>7</b>             | 6             |
| Students Services Pay                  | <b>32</b>            | 32            |
| General Staff                          | <u><b>62</b></u>     | <u>56</u>     |
|  | <u><b>52,046</b></u> | <u>50,048</u> |

**Material and Services**

|                                 |                      |               |
|---------------------------------|----------------------|---------------|
| Materials & Other Consumables   | <b>1,184</b>         | 1,430         |
| Library Materials               | <b>116</b>           | 137           |
| Computer Costs                  | <b>267</b>           | 155           |
| General Education               | <b>9</b>             | 36            |
| Equipment                       | <b>75</b>            | 79            |
| Premises Costs                  | <b>382</b>           | 324           |
| Travel & Subsistence            | <b>317</b>           | 307           |
| Personnel Costs                 | <b>182</b>           | 221           |
| Professional Fees               | <b>76</b>            | 17            |
| Communications                  | <b>99</b>            | 84            |
| Stationery & Office Materials   | <b>422</b>           | 390           |
| General Advertising & Publicity | <b>109</b>           | 112           |
| Finance Costs                   | <b>1</b>             | 11            |
| Other                           | <u><b>31</b></u>     | <u>26</u>     |
|                                 | <u><b>3,270</b></u>  | <u>3,329</u>  |
| <b>Total Expenditure</b>        | <u><b>55,316</b></u> | <u>53,377</u> |

**8. Academic Support Services**

|                               |                   |            |
|-------------------------------|-------------------|------------|
| Library Staff                 | <b>797</b>        | 768        |
| Library Materials             | <b>136</b>        | 128        |
| Equipment                     | <b>2</b>          | -          |
| Premises Costs                | <b>1</b>          | 7          |
| Travel & Subsistence          | <b>-</b>          | 1          |
| Personnel                     | <b>1</b>          | 1          |
| Communications                | <b>4</b>          | 2          |
| Stationery & Office Materials | <u><b>14</b></u>  | <u>9</u>   |
|                               | <u><b>955</b></u> | <u>916</u> |

**Computer Services:**

|  |            |     |
|--|------------|-----|
| Teaching                               | <b>-</b>   | 1   |
| Technical                              | <b>242</b> | 197 |
| Administration, Executive, Secretarial | <b>93</b>  | 154 |
| Materials & Other Consumables          | <b>29</b>  | 10  |
| Computer Costs                         | <b>96</b>  | 27  |
| Premises Costs                         | <b>10</b>  | 13  |
| Travel & Subsistence                   | <b>-</b>   | 2   |
| Personnel Costs                        | <b>6</b>   | 16  |



|  | 2008<br>€000         | 2007<br>€000        |
|--|----------------------|---------------------|
| Professional Fees                      | 9                    | -                   |
| Communications                         | 5                    | -                   |
| Stationery & Office Materials          | <u>5</u>             | <u>2</u>            |
| <b>Total Expenditure</b>               | <b><u>1,450</u></b>  | <b><u>1,338</u></b> |
| <b>9. Premises</b>                     |                      |                     |
| <b>Staff</b>                           |                      |                     |
| Teaching                               | 123                  | 118                 |
| Technical                              | 110                  | 104                 |
| Administration, Executive, Secretarial | 299                  | 248                 |
| Premises Maintenance                   | <u>1,213</u>         | <u>1,206</u>        |
|  | <b><u>1,745</u></b>  | <b><u>1,676</u></b> |
| <b>Material and Services</b>           |                      |                     |
| Materials & Other Consumables          | 200                  | 59                  |
| Computer Costs                         | 27                   | 1                   |
| Equipment                              | 53                   | 4                   |
| Premises Costs                         | 4,743                | 4,292               |
| Travel & Subsistence                   | 6                    | 3                   |
| Personnel Costs                        | 37                   | 13                  |
| Professional Fees                      | 366                  | 198                 |
| Communications                         | 166                  | 127                 |
| Stationery & Office Materials          | 12                   | 11                  |
| Loss on Fixed Asset Disposal           | <u>4</u>             | <u>2,062</u>        |
|  | <b><u>5,614</u></b>  | <b><u>6,770</u></b> |
| <b>Total Expenditure</b>               | <b><u>7,359</u></b>  | <b><u>8,446</u></b> |
| <b>10. Central Administration</b>      |                      |                     |
| <b>Staff</b>                           |                      |                     |
| Teaching                               | 797                  | 781                 |
| Technical                              | 136                  | 148                 |
| Administration, Executive, Secretarial | 4,020                | 3,682               |
| Premises Maintenance                   | 6                    | -                   |
| Research                               | 7                    | 5                   |
| Student Services                       | 231                  | 224                 |
| General Staff                          | <u>20</u>            | <u>22</u>           |
|  | <b><u>5,217</u></b>  | <b><u>4,862</u></b> |
| <b>Material and Services</b>           |                      |                     |
| Materials & Other Consumables          | 369                  | 97                  |
| Library Materials                      | -                    | -                   |
| Computer Costs                         | 159                  | 57                  |
| Services to Students                   | 273                  | 351                 |
| Equipment                              | 9                    | 33                  |
| Premises Costs                         | 891                  | 950                 |
| Travel & Subsistence                   | 220                  | 215                 |
| Personnel Costs                        | 625                  | 671                 |
| Professional Fees                      | 1,196                | 1,130               |
| C & AG Audit Fee                       | 30                   | 28                  |
| Communications                         | 287                  | 202                 |
| Stationery & Office Materials          | 330                  | 317                 |
| General Advertising & Publicity        | 180                  | 161                 |
| Insurance                              | 354                  | 368                 |
| Finance Costs                          | 8                    | 10                  |
| Other                                  | 9                    | 6                   |
| National Networking                    | <u>-</u>             | <u>3</u>            |
|  | <b><u>4,940</u></b>  | <b><u>4,599</u></b> |
| <b>Total Expenditure</b>               | <b><u>10,157</u></b> | <b><u>9,461</u></b> |

|   | <b>2008</b>          | 2007                 |
|---|----------------------|----------------------|
|   | <b>€000</b>          | €000                 |
| <b>11. General Educational Expenses</b>     |                      |                      |
| <b>Staff</b>                                |                      |                      |
| Examinations                                | <b>559</b>           | 382                  |
| <b>Material and Services</b>                |                      |                      |
| General Education                           | <u>119</u>           | <u>92</u>            |
|   | <b><u>678</u></b>    | <b><u>474</u></b>    |
| <b>12. Student Facilities and Amenities</b> |                      |                      |
| <b>Staff</b>                                |                      |                      |
| Teaching                                    | <b>4</b>             | 4                    |
| Administration, Executive, Secretarial      | <b>150</b>           | 105                  |
| Premises Maintenance                        | <b>27</b>            | -                    |
| Student Services                            | <b>744</b>           | 737                  |
| General Staff                               | <u>34</u>            | <u>45</u>            |
|   | <b><u>959</u></b>    | <b><u>891</u></b>    |
| <b>Material and Services</b>                |                      |                      |
| Materials & Other Consumables               | <b>43</b>            | 25                   |
| Computer Costs                              | <b>14</b>            | 11                   |
| General Education                           | <b>2</b>             | -                    |
| Services to Students                        | <b>383</b>           | 394                  |
| Premises costs                              | <b>118</b>           | 41                   |
| Travel & Subsistence                        | <b>31</b>            | 23                   |
| Personnel Costs                             | <b>12</b>            | 22                   |
| Professional Fees                           | <b>324</b>           | 204                  |
| Communications                              | <b>8</b>             | 10                   |
| Stationery & Office Materials               | <b>36</b>            | 26                   |
| Bank Charges                                | <b>6</b>             | -                    |
| General Advertising                         | <b>4</b>             | -                    |
| Insurance                                   | <u>28</u>            | <u>24</u>            |
|   | <b><u>1,009</u></b>  | <b><u>780</u></b>    |
| <b>Total Expenditure</b>                    | <b><u>1,968</u></b>  | <b><u>1,671</u></b>  |
| <b>13. Summary of Expenditure</b>           |                      |                      |
| Pay   | <b>65,098</b>        | 61,778               |
| Non Pay                                     | <b>21,353</b>        | 20,629               |
| Depreciation                                | <u>5,801</u>         | <u>3,817</u>         |
|   | <b><u>92,252</u></b> | <b><u>86,224</u></b> |
| <b>14. Taxation</b>                         |                      |                      |

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.

## 15. Tangible Fixed Assets

|                          | <b>Total</b>         | <b>Land and Buildings</b> | <b>In Course of Construction</b> | <b>Fixtures and Fittings</b> | <b>Furniture and Equipment</b> | <b>Motor Vehicles</b> |
|--------------------------|----------------------|---------------------------|----------------------------------|------------------------------|--------------------------------|-----------------------|
|                          | <b>€000</b>          | <b>€000</b>               | <b>€000</b>                      | <b>€000</b>                  | <b>€000</b>                    | <b>€000</b>           |
| <b>Cost or valuation</b> |                      |                           |                                  |                              |                                |                       |
| Beginning of year        | 152,387              | 116,216                   | 1,175                            | 4,751                        | 29,918                         | 327                   |
| Additions                | <b>6,305</b>         | <b>1,390</b>              | <b>20</b>                        | <b>225</b>                   | <b>4,650</b>                   | <b>20</b>             |
| Disposals                | <u>(504)</u>         | <u>-</u>                  | <u>-</u>                         | <u>-</u>                     | <u>(504)</u>                   | <u>-</u>              |
| End of year              | <b>158,188</b>       | <b>117,606</b>            | <b>1,195</b>                     | <b>4,976</b>                 | <b>34,064</b>                  | <b>347</b>            |
| <b>Depreciation</b>      |                      |                           |                                  |                              |                                |                       |
| Beginning of year        | 48,389               | 22,062                    | -                                | 1,560                        | 24,498                         | 269                   |
| Disposals                | <b>(494)</b>         | <b>-</b>                  | <b>-</b>                         | <b>-</b>                     | <b>(494)</b>                   | <b>-</b>              |
| Charge for year          | <u><b>5,801</b></u>  | <u><b>2,754</b></u>       | <u><b>-</b></u>                  | <u><b>480</b></u>            | <u><b>2,537</b></u>            | <u><b>30</b></u>      |
| End of year              | <u><b>53,696</b></u> | <u><b>24,816</b></u>      | <u><b>-</b></u>                  | <u><b>2,040</b></u>          | <u><b>26,541</b></u>           | <u><b>299</b></u>     |
| <b>Net Book Value</b>    |                      |                           |                                  |                              |                                |                       |
| End of year              | <b>104,492</b>       | <b>92,790</b>             | <b>1,195</b>                     | <b>2,936</b>                 | <b>7,523</b>                   | <b>48</b>             |
| Beginning of year        | <u>103,998</u>       | <u>94,154</u>             | <u>1,175</u>                     | <u>3,191</u>                 | <u>5,420</u>                   | <u>58</u>             |

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

Disposals in the year include write offs of assets with an original cost of €437,010.66 which have been fully depreciated.

|  | <b>2008</b>           | 2007           |
|--|-----------------------|----------------|
|  | <b>€000</b>           | €000           |
| <b>16. Debtors</b>                                       |                       |                |
| Research, Development and Self Funding – debtors         | <b>4,220</b>          | 2,456          |
| State grant for recurrent expenditure                    | <b>2,192</b>          | 5,991          |
| State grant for capital expenditure                      | <b>1,724</b>          | 689            |
| Other debtors  | <b>2,027</b>          | 1,148          |
| Prepayments and accrued income                           | <b>390</b>            | 316            |
|  | <b><u>10,553</u></b>  | <u>10,600</u>  |
| <b>17. Creditors</b>                                     |                       |                |
| <b>Amounts falling due within one year</b>               |                       |                |
| Trade creditors  | <b>30</b>             | 325            |
| State grant for capital expenditure – deferred income    | <b>2,196</b>          | 2,049          |
| Research, Development and Self Funding – deferred income | <b>6,958</b>          | 4,444          |
| Creditors and Accruals                                   | <b>6,145</b>          | 6,238          |
|  | <b><u>15,329</u></b>  | <u>13,056</u>  |
| <b>18. Capital Account</b>                               |                       |                |
| Balance 1 September                                      | <b>103,998</b>        | 98,246         |
| Movement during year:                                    |                       |                |
| <u>Capital Grants Receivable</u>                         |                       |                |
| State Capital Grant                                      | <b>838</b>            | 5,685          |
| Allocated from State Recurrent Grant                     | <b>1,496</b>          | 2,561          |
| Registration   | <b>54</b>             | 37             |
| Research, Development and Self Funding                   | <b>2,617</b>          | 622            |
| Disability Funding                                       | <b>10</b>             | 52             |
| Other  | <b>253</b>            | 651            |
| Transfer from Sporting Facilities Reserve                | <b>987</b>            | 1,472          |
| Transfer from Restricted Reserve                         | <b>50</b>             | 561            |
|  | <b>104,446</b>        | 98,353         |
| <u>Release to Income</u>                                 |                       |                |
| Amortisation in line with asset depreciation             | <b>(5,801)</b>        | (3,817)        |
| Amount released on disposal of Fixed Assets              | <b>(10)</b>           | (2,072)        |
| Balance at 31 August                                     | <b><u>110,303</u></b> | <u>109,887</u> |
| <b>19. Restricted Reserve</b>                            |                       |                |
| Balance 1 September                                      | <b>341</b>            | 1,202          |
| Transfer from Income and Expenditure Account             | <b>10</b>             | 50             |
| Transfer to Expenditure                                  | <b>(30)</b>           | -              |
| Transfer to Sporting Facilities Trust                    | <b>(200)</b>          | (350)          |
| Transfer to Capital Account                              | <b>(50)</b>           | (561)          |
| Balance 31 August  | <b><u>71</u></b>      | <u>341</u>     |

The balance at 31 August of €0.071m represents funds set aside for Student Facilities.

|  | <b>2008</b>         | 2007                |
|--|---------------------|---------------------|
|  | <b>€000</b>         | €000                |
| <b>20. Sporting Facilities Trust</b>         |                     |                     |
| Balance 1 September                          | <b>2,351</b>        | 816                 |
| Transfer from Income and Expenditure Account | <b>938</b>          | 2,657               |
| Transfer from Restricted Reserve             | <b>200</b>          | 350                 |
| Transfer to Expenditure                      | <b>(143)</b>        | -                   |
| Transfer to Capital Account                  | <b>(987)</b>        | <b>(1,472)</b>      |
| Balance 31 August                            | <u><b>2,359</b></u> | <u><b>2,351</b></u> |

### 21. TLT Student Maintenance Grants

|                        |                |                |
|------------------------|----------------|----------------|
| Balance at 1 September | -              | -              |
| Receipts during year   | <b>4,632</b>   | 4,109          |
| Payments during year   | <b>(4,632)</b> | <b>(4,109)</b> |
| Balance at 31 August   | <u>-</u>       | <u>-</u>       |

Amounts received from the Department of Education and Science are funded in part by the ESF.

### 22. Employees

The average number of staff employed by the Institute for the year ended 31 August 2008 was 1,199 (2007: 1,212).

### 23. Subsidiary Company

A company, Cork Institute of Technology Property Company Limited, was established by the Institute in 2000 in connection with certain building projects of the Institute. The company has an issued share capital of 12 ordinary shares of €1.27 each. The Institute holds all the share capital of the company.

The company rents certain property from the Institute for €31,743 per annum. The company also charges the Institute rent of €33,013 per annum.

The results of the company have not been consolidated into the financial statements of the Institute. The Company has ceased trading and has been struck off the register on 9 May 2008.

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 loss for the year of €2,822 while net assets for the year amounted to €78,933.

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 loss for the year of €26,690 while net liabilities for the year amounted to €12,572.

### 24. 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.

The financial results of the Company for the year ended 30 June 2008 are as follows:

|             |           |
|-------------|-----------|
|             | €         |
| Income      | 3,837,856 |
| Expenditure | 3,800,153 |
| Surplus     | 37,703    |
| Net Assets  | 388,967   |

**25. 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.

**26. The National Maritime College of Ireland**

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 Science, 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 Science.

CIT academic, technical, administrative and support staff in the NMCI remain employees of CIT. An amount of €482,613 was provided by the Department of Education and Science to cover the utility costs of the NMCI for the year ended 31 August 2008.

**27. 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.

**28. Incremental Entitlements**

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

**29. Comparative Figures**

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

**30. Approval of Financial Statements**

The financial statements were approved by the Governing Body on 5 March 2009.

# *other information*

*Cork Institute of Technology*

**7.1** *News & Events*

**7.2** *Graduates' Association*

**7.3** *Contact Points*



## 7.1 News & Events

1. The inaugural CIT Alumni Awards took place on 6 September 2007. The main aim of the awards is to celebrate the life-long value of a CIT education and to provide inspiration for others – peers and current students. The inaugural award recipients were selected from nominations put forward by members of the Institute community. The judging panel was chaired by the President of the Institute, Dr Brendan J. Murphy and included representatives from the Institute Alumni Association Committee. The three graduates honoured excelled in their profession and made enormous contributions to society, both here in Ireland and overseas. They were Dr Patrick Galvin, retired CEO, Waterford Crystal, Ms Fiona Shaw, Actress and Robert Short, Corporate Vice President, Microsoft.
2. CIT has been awarded the extended Erasmus University Charter, which is the gateway for participation in the Erasmus Student Mobility (study visits and placements) and Staff Mobility programme for the period 2007-2013. The Institute has been awarded a substantial number of student exchange and placement grants, as well as staff mobility grants for the academic year 2007-2008.
3. The President welcomed the Centre for Advanced Photonics and Process Analysis (CAPPA) site visit by Enterprise Ireland and Evaluators on 13 September 2007. The purpose of their visit was in relation to the Institute's proposal under Enterprise Ireland's Applied Research Enhancement Programme.
4. The Official Opening of the CIT Cork School of Music by the Minister for Education and Science, Ms Mary Hanafin, T.D. took place on 14 September 2007. Constructed under the public partnership model, CIT Cork School of Music was funded through the NDP Public Private Partnership programme (2007-2013). The capital cost of the school was €60m. To deliver a facility as fine as this required tremendous teamwork from the Department of Education and Science, private sector partner, Hochtief, the equity partners and funders, Barclays, the subcontractors and suppliers including John Sisk & Son Ltd., Murray O'Laoire, Architects and other members of the design team, Steinway and Apple Ireland.
5. The President met with the CIT/Singapore Group on 18 September 2007 to consider exploring possible 3rd level Institutions/Polytechs and other linkages in Singapore with a view to attracting fee paying students into Level 8 and Level 9 programmes at CIT.
6. The Department of Applied Physics & Instrumentation hosted the Institute of Physics in Ireland Frontiers of Physics Conference on 29 September 2007. The keynote speaker was Prof Leos Dvořák, Charles University, Prague who delivered a talk on "Hands-on, Minds-on-Physics."
7. This annual conference was aimed at 2nd level Physics teachers and has given CIT a welcome opportunity to showcase the Department of Applied Physics & Instrumentation to this audience.
7. An exhibition marking forty years of the Cork Arts Society "Student of the Year" Award took place on 2 October 2007 in the Lavitt Gallery, Cork. This award is given every year to a graduate of the CIT Crawford College of Art & Design. The Cork Arts Society is very supportive of the graduates they select and this exhibition is notable as a survey of the varied careers of graduates of the CIT CCAD over the past 40 years.
8. CIT Careers Fair 2007 took place in the Courtyard of the Student Centre on 10 October 2007. Its purpose was to give students an opportunity to make personal contact with leading graduate employers as well as get advice on what career a particular company might involve. Over fifty companies attended which included local, national and international companies. This event was organised by the Careers & Counselling Services in CIT.
9. A lecture on "Project and Relationship Management in a Multi-disciplinary Innovative Environment" took place on 10 October 2007. This informative lecture was designed to complement and kick start the Degree in Mechanical Engineering/Marketing Innovative Group projects. Some other topics discussed were also of interest to all Mechanical, Manufacturing, Biomedical and Building Services students.
10. The Faculty of Business & Humanities Prizegiving Awards took place on 11 October 2007. 28 graduands were honoured for their particular achievements and presented with Schools, Departments, Fáilte Ireland and Professional Accountancy Awards.
11. The Faculty of Business & Humanities Conferring of Degrees and Other Awards took place on 12 October 2007. There were four conferring sessions and a total of 999 graduands obtained their parchments.  
  
The joint Hochschule Darmstadt, the Higher Education and Training Awards Council and Cork Institute of Technology Award in the Department of Media Communications was presented for the first time to students of the Bachelor of Arts (Honours) in Multimedia.  
  
The Department of Continuing Education had its first award of a PhD in Doctor of Philosophy (in Management).
12. Cork Institute of Technology (through the Department of Continuing Education) has been awarded the Excellence in Training Certificate by the Institute of Chartered Accountants in Ireland.
13. As part of the CIT Visiting Speaker Series, the Department of Social and General Studies hosted its first Visiting Speaker Series this year on 16 October 2007. The talk was given by Mr John Saunders, member of the Mental Health Commission and CEO of Schizophrenia Ireland.

14. Cork Institute of Technology/CIT Cork School of Music has been nominated for an award as the "Cork Educational Facility of the Year 2007" in the Meteor Business Awards – Cork 2007. There were over 500 nominations and twenty-five categories selected.
15. The School of Science Awards Ceremony 2007 took place on 18 October 2007.
16. The DEIS Department in CIT organised an international conference entitled "Community Development Through Sport" on 18 and 19 October 2007 in CIT and Clarion Hotel, Cork. The conference was aimed at researchers, policy-makers, leaders, practitioners, coaches and providers in the areas of sport education and training and community educators/developers.
17. The Faculties of Science and Engineering Conferring of Degrees and Other Awards took place on 19 October 2007. There were three conferring sessions and a total of 1,207 graduands obtained their parchments.  
  
The joint University College Cork, HETAC and Cork Institute of Technology Award in the Department of Biological Sciences was presented for the first time to students of the Master of Science in Biomedical Science.
18. CIT welcomed Bishop Macram Gassis, Bishop of El Obeidi diocese which includes the region of Darfur and Dr Joan Gilleer who has worked in Darfur. The purpose of their visit was to raise awareness about the humanitarian crisis in the Darfur region of the Sudan where hundreds of thousands have already lost their lives.
19. The judges for the Cork City Centre Better Building Awards 2007 awarded their own prize to the new CIT Cork School of Music building at a ceremony organised by the Cork Marketing Partnership on 1 November 2007.
20. Cork Institute of Technology Sailing Team on 2 November finished second in the Student Yachting World Championships in La Rochelle in France. In the final race, CIT finished 1st securing 2nd place overall in the world. Crews from fifteen countries took part in this highly competitive event and competition was intense.
21. CIT Cork School of Music Conferrings took place on 5 November 2007. 23 graduands obtained their parchments.
22. CIT Crawford College of Art & Design took place on 5 November 2007. 148 graduands obtained their parchments.
23. The President met with a delegation from Universiti Malaysia Perlis when they visited CIT on 9 November 2007. The purpose of their visit was to have informal discussions in relation to Biomedical Engineering.
24. The World Skills 2007 took place in Shizuoka, Japan from 11 to 20 November 2007. CIT student competitors won 1 Gold Medal, 2 Bronze Medals and 3 Medallions of Excellence.
25. CIT's Science Week 2007 took place from 12 November to 17 November 2007 inclusive. Events took place in the Bishopstown Campus, Blackrock Castle Observatory, CIT Cork School of Music and the National Maritime College of Ireland. The event used the opportunity to showcase CIT's facilities across its various campuses, adopted a broad approach to "Science" such that the programme features mathematics, computing and engineering as well as laboratory-based science.
26. Thomas Crosbie Holdings conferring of the first group of BA in Sales took place on 13 November 2007. This conferring led to great praise for CIT from all including Mr Anthony Dinan, Thomas Crosbie Holdings and from the Minister for Enterprise, Trade and Employment.
27. As part of the Visiting Speaker series, Prof Gerard Bury of the Department of General Practice, University College, Dublin and the Coombe Hospital gave a talk in the Institute on 13 November 2007. His talk examined the current state of the Irish primary care system: what has been the progress since the publication of the 2001 Primary Care: A new Direction document.
28. CIT Cork School of Music held its first International Celebrity Recital during the Cork Orchestral Society's 70th season on 15 November 2007 in the Curtis Auditorium, CIT Cork School of Music.
29. The launch of the 2008 Enterprise Ireland Student Enterprise Awards took place on 21 November 2007 in the august surroundings of Farmleigh House, Phoenix Park, Dublin. Minister for Enterprise, Trade and Employment, Mr Micheál Martin, T.D. announced details of the €65,000 prize fund and competition.  
  
The CIT ApriCot Team, Outright Winners of the 2007 competition from hundreds of entries islandwide, were lauded at length by all speakers and took centre stage right throughout the proceedings. A major campaign to promote the 2008 competition is to be undertaken by Enterprise Ireland over the coming months and it is planned that the ApriCot Team will be central to this promotion and entrepreneurship.
30. The Conferring of FETAC Awards took place in CIT on 28 November 2007. 76 graduands from the Department of Tourism & Hospitality Studies received their parchments.
31. RTE recorded a programme for transmission on Christmas Day in CIT Cork School of Music on 5 December 2007. It was a programme of Christmas Carols, music and lore featuring the young talent available in CIT CSM. The programme marked the wonderful achievement of the school in finally opening its doors.
32. A delegations from Oman as part of their visit to Cork, visited the Institute on 8 February 2008. They were full of admiration for the support system for entrepreneurs that they witnessed at work in the Rubicon Centre. The group also met with representatives of the School of Computing and Mathematics. They gained insights regarding the closeness of the Institute of Technology sector to industry and were

keen to understand the benefits of recruiting staff with industry research experience into educational roles, how CIT has embedded some of its research talent into the Rubicon Centre companies, how the work placement model operates and how the research and innovation needs of the ICT industry can be met in partnership with the third level sector.

33. The Board of Directors of Charities Aid Foundation America (CAF America) awarded a grant to Cork Institute of Technology. This donation will be used for the Networked Embedded Systems (NEMBES) Research Group for their planned new facilities.
34. The final lecture in the CIT Department of Social Studies Visiting Speaker Series took place in CIT on 21 February 2008. The Guest Speaker was Prof Patricia Casey, Prof of Psychiatry in UCD and the Mater Hospital Dublin. Her lecture was titled "Working Towards Positive Mental Health for All: Lifestyle Challenges, State Provision and the Challenge to the Caring Professions."
35. A delegation of journalists from India visited the Institute on 28 February 2008. They provided advance publicity for the Education Mission to India being led by Minister Mary Hanafin in April. They were impressed to the point whereby they indicated that they would recommend that the Indian Government make contact with CIT with a view to identifying potential solutions to many of the challenges facing the Indian educational system currently.
36. The President of the Institution of Structural Engineers, Ms Sarah Buck visited the Institute on 4 March 2008. Ms Buck is the first female President of the Institution, which this year is celebrating its Centenary.
37. A Naming Ceremony to mark the dedication of facilities at CIT in honour of the contributions of eight exceptional individuals – with Cork connections – to the fields of Art, Music, Literature and Philosophy took place on 6 March 2008. The individuals honoured were: James Barry, George Berkeley, Rory Gallagher, Daniel Maclise, Séamus Murphy, Frank O'Connor, Seán Ó Riada and Seán Ó Riordáin.
38. CIT Students Union launched Road Safety Week in CIT on 31 March 2008. The event which grabbed the attention of the entire country last year has since been emulated in six other third level institutions. To highlight the safety message, a number of crashed cars were displayed around the Institute as well as seminars and display of equipment from the Gardai, Road Safety Authority, Ambulance Service and Fire Brigade.
39. At the request of Governing Body, a retirement function was held on 4 April 2008 in honour of staff who retired since the President took up duty on 1 September 2004 to 31 August 2007. The function was attended by more than 50 retired staff and their guests as well as the Chairman of the Governing Body, Dr Paddy Caffrey, the President and the Senior Staff of the Institute.
40. Mr Michael Loftus, Head of Faculty of Science and Dr Eamon Cashell, Head of School of Science travelled to India for the signing of a Memorandum of Understanding between the University of Pune (UoP) and CIT in the areas of student and faculty exchange as well as collaborative research projects which took place on 6 April 2008. The signing took place in the presence of the Minister for Labour Affairs, Mr Billy Kelleher, T.D. and the Irish Ambassador to India, Mr Kieran Dowling. This is one of the first Memorandums of Understanding between a University in India and Ireland.  
  
According to UoP vice-chancellor, Narendra Jadhav, CIT had an exemplary industry institute interface model and the UoP was eager to leverage on CIT's strong industry connection. He said the MoU would facilitate collaborative research in areas such as physical and life sciences as well as engineering, biotechnology, embedded systems and pharmaceuticals.
41. A conference entitled "Access all Areas – exploring Social Inclusion Initiatives in Music and Education" hosted by CIT Cork School of Music as part of the Life-Long Learning Festival took place on 9 April 2008. The conference was part of the on-going development of CIT's Access Programme at CIT's development of Community Music initiatives in the CIT Cork School of Music.
42. The Annual Genesis Showcase and Awards 2008 took place on 14 April 2008 in the Nexus Courtyard, Student Centre, Cork Institute of Technology. The event was officiated by Mr Micheál Martin, T.D., Minister for Enterprise, Trade and Employment who presented the end of year awards. The 12 month programme which supports entrepreneurs by providing funding, training, mentoring and office facilities is in its tenth year. It is funded by the Department of Education and Science and receives an average of 70 applications every year for 18 places.
43. The Department of Biological Sciences hosted the Irish Institute of Medical Herbalists Conference entitled "The Complexity of Herbal Medicine and The Implications for Research" on 18 and 19 April 2008. It was an information event for Careers Counsellors and Science Teachers.
44. SciFest 2008 Exhibition of Science/Social Science projects in the Cork region took place on 29 April 2008 in the Nexus, Student Centre, Cork Institute of Technology. It was a one day festival of science, which included a competition and exhibition of projects from second-level schools.  
  
A SciFest exhibition provides students with an opportunity to develop and present their projects and some students may be encouraged to develop their projects further and present in the BT Young Scientist & Technology Exhibition.
45. Cork Institute of Technology in collaboration with Institute of Technology, Sligo held a Work-Based Learning Symposium entitled "Work-based and blended learning" on 6 and 7 May 2008 in Institute of Technology, Sligo.

46. The Minister for Education and Science, Mr Batt O’Keeffe, T.D. officially opened the NAIRTL Bologna Symposium which took place on 12 May 2008 in the CIT Cork School of Music. A delegation of 11 representatives from various universities (including Technological Universities) in Chile were visiting Ireland for two weeks to attend the Symposium to learn about various items like the Bologna Agreement, Learning Outcomes and their Assessment, Competences, Modularisation, National Qualifications Framework, Assessment of Learning Outcome and the whole area of Teaching and Learning. This delegation also visited Cork Institute of Technology Bishopstown Campus on 19 May 2008.
47. On 26 May 2008, the Minister for Education and Science, Mr Batt O’Keeffe, T.D. officially opened a new state of the art sports centre at CIT. This centre adds another dimension to the wonderful sports facilities on the CIT campus. In addition, there are now nine grass pitches, the Astro Turf All Weather Pitch, tennis court and an international standards athletics arena. A new jogging/walking track is currently under construction and will be completed shortly.
48. Murray O’Laoire Architects won the “The Best Educational Building Award” for CIT Cork School of Music at the Royal Institute of the Architects of Ireland (RIAI) annual awards. The building had been described as “effortlessly combining the traditional and the modern in a seamless whole.” The Awards Ceremony was held in Dublin on 23 June 2008.
49. The official unveiling of “Light ensemble”, Vivienne Roche’s major new ensemble of sculptures by the Minister for Foreign Affairs, Mr Micheál Martin, T.D. took place in CIT Cork School of Music on 30 June 2008. The sculptures are a precise and studied advance of the geometrical beauty and luminosity of the new CIT Cork School of Music and were a gift of Murray O’Laoire, Architects and Sisk Builders to CIT Cork School of Music.

## 7.2 CIT Alumni Association (CITAA)

The Alumni Association enables graduates to keep in touch with developments at CIT and maintain contacts with friends, classmates and faculty staff from college days. The main aim of the Association is to provide a professional and social network that will be of mutual benefit to CIT alumni and the Institute.

### Membership Benefits and Services

- Access to worldwide and regional chapters of the CIT Alumni Association
- A choice of CIT affinity credit cards with either AIB or Bank of Ireland which offer cardholders preferential rates
- Class reunions service
- 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

An Alumni Association Committee is in its fourth 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.

### Events 2007

Reunion Day 9th June 2007  
Inaugural Alumni Awards 6th September 2007

### Events 2008

Sex and the City Movie Premier 28th May 2008  
Reunion Day 7th June 2008

### 7.3 Contact Points

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**Note:**

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