CORK INSTITUTE OF TECHNOLOGY

Annual Report

2005/2006

HISTORY

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

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

The Cork School of Music, first situated at the Grand Parade, came into existence in 1878. It moved to Morrison's Island in 1892, and in 1902 to Union Quay. In 1956 it moved to its new purpose built building and present home at Union Quay.

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 co-operation 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 schools 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.

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.

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.

contents

introduction

1.1   Chairman's Statement

I am delighted to present this Annual Report for the year 2005/2006 which details how Cork Institute of Technology continues to strive towards achievement of its mission of providing 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.

I want to acknowledge the contribution of the former Chairman of the Governing Body, Councillor Donal O'Rourke, not just for his leadership for the greater part of this year, but for his selfless dedication and outstanding contribution to the development of Cork Institute of Technology over the past 13 years as Chairman.

I welcome the recent development of the Bishopstown Campus which continued with the completion of the Student Centre, Administration Building, Tourism and Hospitality Building together with the ongoing development of sports facilities. The opening of the Blackrock Castle Observatory and the Rubicon Innovation Centre are further testament to CIT's focus on achievement of breadth of its Strategic Vision.

The delegation by HETAC to CIT of the authority to make awards at Level 9 and Level 10 are very significant achievements and full credit must go to the staff at CIT for their work in making this happen.

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

The Strategic Plan finalised and launched earlier this year provides a strong and clear vision and direction for the Institute for the period from 2005 to 2010.

In conclusion, I would like to thank the members of the Governing Body, the Director, Dr Brendan Murphy, the Management and Staff at CIT for their dedication and hard work during 2005/2006.

Dr Paddy Caffrey
Chairman

1.2   Director's Statement

This is my second year in office and the following is my Director's Statement.

A. Building and Estates

The Public Private Partnership (PPP) contract for the new CIT Cork School of Music was signed in September 2005 after a long campaign.

The Institute disposed of the MV Cill Airne which was surplus to requirements with the opening of the National Maritime College of Ireland (NMCI) in 2004. The NMCI was officially opened by the Minister for Education and Science, Ms Mary Hanafin in March 2006.

The Institute's Health and Safety committee has been re-established, training in the use of defibrillators has been undertaken and they have been installed throughout the Institute.

Phase One of the Institute's sport complex commenced in November 2005.

The Institute has commenced a major renewal of its IT Infrastructure at its Bishopstown Campus.

The Minister for Education and Science has announced the approval for the building of the Learning Resource Centre (Extension to the Library) as a stand alone PPP building arising from the Kelly Report.

B. Academic Matters

The BSc (Hons) in Herbal Science commenced in this academic year. It is the first course of its kind in Irish Higher Education.

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.

Delegated authority was also received to make awards at:

Level 9 (Research Masters) for the following; Applied Physics & Instrumentation, Chemistry, Biological Sciences, Electronic Engineering, Computing, Mechanical & Manufacturing Engineering, Chemical & Process Engineering and Building & Civil Engineering.

Level 10 (PhD) for the following: Applied Physics & Instrumentation, Chemistry, Biological Sciences, Electronic Engineering and Mechanical & Manufacturing Engineering.

All the Institute's Bachelor of Engineering (Hons) degrees, viz: Electronic Engineering, Chemical & Process Engineering, Mechanical Engineering and Structural Engineering, received a full 5-year accreditation from Engineers Ireland.

The Modularisation and Semesterisation framework was approved by Academic Council and plans for implementation were drawn up.

The establishment of a Joint (UCC/CIT) Centre for Architectural Education has been agreed and the development of a BSc (Hons) in Architecture is well under way with the first intake planned for Autumn 2006.

The joint CIT/UCC Masters in Biomedical Sciences has commenced, a joint award is also planned.

The move to CAO entry to Level 7, viz., Ordinary Degrees will commence for 2006 entry.

The first conferring in the National Maritime College of Ireland of CIT marine graduates took place in February 2006.

C. Strategic Matters

The Institute's Strategy Plan 2005-2010 was officially launched in October 2005. Work has commenced on developing a Strategy Plan for the NMCI.

A Memorandum of Understanding has been signed with the City of Cork VEC three Further Education Colleges (College of Commerce, St John's Central College and Coláiste Stiofáin Naofa) regarding progression of students to CIT.

The Institutes of Technology Bill 2006 was published.

D. Staff

The Handbook of Operating Procedures for the Academic Management Structures was published.

Staff and students moved into the new Tourism and Hospitality Building.

Staff moved into the new Administration Building.

Recruitment of the new head of the National Maritime College of Ireland commenced and was completed in July 2006. Captain John Clarence was appointed and will take over from Mr Donal Burke who retired on 31 August 2006.

Mr Michael Ahern a Senior Lecturer in Accounting was elected Lord Mayor of Cork in June 2006.

1.2   Director's Statement

E. Governing Body

Formal training was provided to Governing Body on the Role and Responsibility of Governance and the operation of the Audit Committee.

Heads of Schools in the Faculties of Engineering, Science, Business and Humanities as well as the Heads of Colleges of Cork School of Music, Crawford College of Art & Design and NMCI will each give a presentation of their School or College to Governing Body over the next year.

To apprise all staff of the working of the Governing Body, a digest of each Governing Body meeting drawn from the minutes will be placed on the staff intranet.

The first Chairman of the Governing Body of CIT, Cllr Donal O'Rourke ceased to hold office in February 2006 after some 13 years of distinguished service.

The Minister for Education and Science appointed Dr Paddy Caffrey, Chairman of the Governing Body of CIT in March 2006 for a five-year period.

F. Arts and Culture

The Institute continued its contribution to the many events put in place for the European Capital of Culture, Cork 2005.

G. Innovation and Research

The Rubicon, the Institute's Innovation Centre began operations in January 2006 and is fully occupied.

The Blackrock Castle Observatory (BCO) and Research Centre was officially opened by the Lord Mayor of Cork in April 2006. The overall management of the BCO and the associated visitor centre is being reviewed by the Institute.

Dr Brendan J. Murphy
Director

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. In view of the size and complexity of the Institute and of the extensive scope for development, it is considered that it is now appropriate to put Irish language and culture matters on a more professional basis.

governance

2.1 Institute's Organisation Chart

GOVERNING BODY

Academic Council

DIRECTOR

Head of Development
- Industry Liaison
- Head of Research

Registrar
- Administration / Student Services Manager
- Librarian

Secretary / Financial Controller
- Finance Manager
- HR Manager
- IT Manager

Assistant Principal
- Buildings & Estates Manager

Coordinator of Science
- School of Science
  - Applied Physics & Instrumentation Department
  - Biological Sciences Department
  - Chemistry Department
- School of Computing & Mathematics
  - Computing Department
  - Mathematics Department

Coordinator of Engineering
- School of Building & Civil Engineering
  - Civil, Structural & Environmental Engineering Department
  - Construction & Architecture Department
- School of Mechanical & Process Engineering
  - Mechanical Engineering Department
  - Chemical & Process Engineering Department
  - Manufacturing, Biomedical & Facilities Engineering Department
  - Transport & Automobile Engineering Department
- School of Electrical & Electronic Engineering
  - Electrical Engineering Department
  - Electronic Engineering Department

Coordinator of Business & Humanities
- School of Business
  - Management & Marketing Department
  - Accounting & Information Systems Department
  - Continuing Education Department
  - Educational Opportunities Department
- School of Humanities
  - Media Communications Department
  - Social & General Department
  - Tourism & Hospitality Studies Department
  - Educational Development Department

Principal Crawford College of Art & Design
- Fine Art Department
- Art & Design Education
- Adult Education & Art Therapy

Director Cork School of Music
- Head of School
  - Keyboard Studies Department
  - String Studies Department
  - Wind, Percussion, Voice & Drama Studies Department
  - Musicianship & Academic Studies Department

Head National Maritime College of Ireland

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 2005/06 was as follows:

Cllr Donal O'Rourke, Chairman
(Nominee of the Minister for Education and Science)
(To 6 February 2006)

Dr Paddy Caffrey, Chairman
(Nominee of the Minister for Education and Science)
(From 13 March 2006 for a period of five years).

Dr Brendan J. Murphy, Director, 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)
Cllr Deirdre Clune (Nominee of City of Cork VEC)
Cllr Terry Shannon (Nominee of City of Cork VEC)
Mr Barra Ó Briain (Nominee of County Cork VEC)
Canon G.A. Salter (Nominee of County Cork VEC)
Cllr Aileen Pyne (Nominee of County Cork VEC)

Two appointed under Section 4(1)(c)
Mr John Twohig (Academic Staff Nominee)
Dr Mary McCarthy (Academic Staff Nominee)

One appointed under Section 4(1)(d)
Mr Peter Somers (Non Academic Staff Nominee)

Two appointed under Section 4(1)(e)
Mr James Maher (Nominee of Students Union) up to 30 September 2005
Ms Natalie Quinlan (Nominee of Students Union) up to 30 September 2005
Mr Jeremy Ó Murchú (Nominee of Students Union) up to 30 September 2006
Ms Sinead O'Connell (Nominee of Students Union) up to 30 September 2006

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 2005 to 31 August 2006, the Governing Body met on twelve separate occasions including four special meetings.
They met on the following dates:

Wednesday 7 September 2005 (Special Meeting)

Thursday 6 October 2005

Thursday 3 November 2005

Thursday 1 December 2005

Monday 16 January 2006 (Special Meeting)

Thursday 2 February 2006

Thursday 2 March 2006

Thursday 23 March 2006 (Special Meeting)

Thursday 6 April 2006

Thursday 1 June 2006

Thursday 6 July 2006

Monday 28 August 2006 (Special Meeting)

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 Director 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 Director'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, Director
Dr Michael Noonan, Assistant Principal
Mr Brendan Goggin, Registrar
Ms Claire Sinnott, Secretary/Financial Controller
Mr Michael Delaney, Head of Development
Mr Liam Hodnett, Co-Ordinator of Engineering
Mr Damien Courtney, Co-Ordinator of Business & Humanities
Mr Michael Loftus, Co-Ordinator of Science*
Mr Donal Burke, Head, National Maritime College of Ireland
Dr Geoffrey Spratt, Director, Cork School of Music
Mr Geoff Steiner-Scott, Principal, Crawford College of Art & Design

* Within the Science area, it was agreed that one of the Heads of School in that area, on a rotating yearly basis, would undertake the duties of Co-ordinator of Science.

The Institute Executive Board meets on a fortnightly basis and at such other times deemed to be necessary. It is chaired by the Director or by the Director'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 Cork School of Music, the Crawford College of Art & Design and the National Maritime College of Ireland are constituent schools of Cork Institute of Technology.

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

Institute Executive Board
Assistant Principal   Dr Michael Noonan, MSc, PhD, MIBiol
Registrar   Mr Brendan Goggin, BSc, HDipEd
Secretary/Financial Controller   Ms Claire Sinnott, MA, BBS, DPA, FAA
Head of Development   Mr Michael Delaney, MSc, MEd, BIBioll, HDipEd, MICI, MESAI, ATCL

Co-Ordinator of Engineering   Mr Liam Hodnett, ME, EurIng, CEng, FIEI
Co-Ordinator of Business & Humanities   Mr Damien Courtney, BA, MA(Louv), MPhil(Louv), MIUSSP
*Co-Ordinator of Science   Mr Michael Loftus, BE, MEngSc, MICS
Head of National Maritime College of Ireland   Mr Donal Burke, CEng, FIMarE
Director, Cork School of Music   Dr Geoffrey Spratt, BA, PhD
Principal, Crawford College of Art & Design   Mr Geoff Steiner-Scott, BA

Head of Research   Dr Niall Smith, BSc, PhD

Central Services Managers
Administration & Student Affairs Manager   Mr Eamon O'Connor
Buildings Estates Manager   Mr Kevin McCarthy, MSc, CEng, MIEI
Finance Manager   Mr John Cogan
Human Resources Manager   Mr Anthony Collins, MA, AIPM, MSAI
Industry Liaison Manager   Ms Josette O'Mullane, BComm
IT Manager   Mr Diarmuid Brennan, BE, MSc

Librarian   Mr Derry Delaney, BA, DLIS

BISHOPSTOWN CAMPUS:

ENGINEERING

Co-Ordinator of Engineering   Mr Liam Hodnett, ME, EurIng, CEng, FIEI

School of Building & Civil Engineering:
Head of School (Acting)   Dr Joseph Harrington, BE, MS, PhD, CEng, FIEI, EurIng, PE
Head of Department of Civil,   Mr Martin Mannion, ME, CEng, FIEI, FISE, EurIng
Structural & Environmental Engineering
Head of Department of Construction & Architecture   Dr Daniel Cahill, MSc, PhD, MRICS

School of Mechanical & Process Engineering:
Head of School   Dr Barry O'Connor, BE, MEngSc, BCL, PhD, CEng, MIEI
Head of Department of Chemical & Process Engineering   Mr John O'Shea, BEng, CEng, FIChemE, FIEI
Head of Department of Mechanical Engineering   Mr Matt Cotterell, BE, MED, CMfgE, MIEI, AMIMechE
Head of Department of Manufacturing,   Mr Daithi Fallon, BE, MEngSc, CEng, MIEI, CQE
Biomedical & Facilities Engineering
Head of Department of Transport   Mr Donal Dempsey, MT, TechDip
& Automobile Engineering

School of Electrical & Electronic Engineering:
Head of School (Acting)   Mr Barry Leach, MSc, EurIng, CEng, FIEI, MCIBSE, MASHRAE, MIEE, MSLL

Head of Department of Electrical Engineering (Acting)   Dr Noel Barry, BE, ME, PhD, CEng, MIEI, MPES, MIAS
Head of Department of Electronic Engineering   Irene Sheridan, BE(Elec), MEngSc, MIEI

2.5   Institute Senior Staff

BUSINESS & HUMANITIES

Co-Ordinator of Business & Humanities | 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) | Ms Orla Flynn, BSc(Hons), MSc(Hons)
Head of Department of Social & General Studies | Mr Jim Walsh, BA, HDipEd, BCL, LLB, MEMI
Head of Department of Media Communications (Acting) | Mr Michael Murphy, NDip(Fine Art), MA, MALT, MHAN
Head of Department of Tourism & Hospitality Studies | Mr Adrian Gregan, BA, MBS, Dip H&C Mgmt
Head of Department of DEIS | Mr Ray Coughlan, BE(Elec), MEngSc, MIEI

*SCIENCE

Co-ordinator of Science | 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 Andrew Petersen, BSc, MSc, PhD, MRIA, MIB, MFSBI, MIWES, MIST
Head of Department of Chemistry | Dr John Wood, BSc, PhD, CChem, MRSC, FICI

School of Computing & Mathematics:
Head of School | Mr Michael Loftus, BE, MEngSc, MICS
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

CORK SCHOOL OF MUSIC
Director | Dr Geoffrey Spratt, BA, PhD

CRAWFORD COLLEGE OF ART & DESIGN
Principal | Mr Geoff Steiner-Scott, BA

NATIONAL MARITIME COLLEGE OF IRELAND
Head | Mr Donal Burke, CEng, FIMarE

* Within the Science area, it was agreed that one of the Heads of School in that area, on a rotating yearly basis, would undertake the duties of Co-ordinator of Science.

academic &
student affairs

3.1   Academic Council Membership

The current members of the Academic Council were appointed
in March 2004 and will continue in office for a period of three years.

The Academic Council met on five occasions during the
period 1 September 2005 to 31 August 2006 as follows:

Wednesday, 12 October 2005
Thursday, 24 November 2005
Friday, 3 February 2006
Monday, 20 March 2006
Tuesday, 9 May 2006

The staff members listed below comprises of the membership
of the Institute's Academic Council:

DIRECTOR

Brendan J Murphy

SENIOR ACADEMIC STAFF

Adrian Gregan	Head of Department of Tourism & Hospitality Studies
Aiveen Kearney	Cork School of Music
Albert Walsh	Head, Education, Crawford College of Art & Design
Andrew Petersen	Head of Department of Biological Sciences
Barry O'Connor	Head of School of Mechanical & Process Engineering
Brian McGrath	Head of Department of Management & Marketing
Candace Whitehead	Head, Strings, Cork School of Music
Daithi Fallon	Head of Department of Manufacturing, Biomedical & Facilities Engineering
Damien Courtney	Co-Ordinator of Business & Humanities
Daniel Cahill	Head of Department of Construction & Architecture
Donal Burke	Head of National Maritime College of Ireland
Donal Dempsey	Head of Department of Transport & Automobile Engineering
Eamonn Cashell	Head of School of Science
Finbarr Leach	Head of School of Electrical & Electronic Engineering (Acting)
Gabriela Mayer	Head, Piano, Cork School of Music
Geoff Steiner-Scott	Principal, Crawford College of Art & Design
Geoffrey Spratt	Director, Cork School of Music
Gerard O'Donovan	Head of Department of Accounting & Information Systems
Irene Sheridan	Head of Department of Electronic Engineering
Jim O'Dwyer	Head of Department of Computing
Jim Walsh	Head of Department of Social & General Studies
Joe Harrington	Head of School of Building & Civil Engineering (Acting)
John O'Connor	Head, Wind, Percussion, Singing & Drama, Cork School of Music
John O'Shea	Head of Department of Chemical & Process Engineering
John Wood	Head of Department of Chemistry
Kevin Kelly	Head of Department of Mathematics
Liam Hodnett	Co-Ordinator of Engineering
Liam McDonnell	Head of Department of Applied Physics & Instrumentation
Marese Bermingham	Head of Department of Educational Opportunities
Maria Judge	Head, Aural, Musicianship, Cork School of Music
Martin Mannion	Head of Department of Civil, Structural & Environmental Engineering
Matt Cotterell	Head of Department of Mechanical Engineering
Michael Loftus	Head of School of Computing & Mathematics/ Co-Ordinator of Science*
Michael Murphy	Head of Department of Media Communications (Acting)
Noel Barry	Head of Department of Electrical Engineering (Acting)
Orla Flynn	Head of School of Humanities (Acting)

3.1   Academic Council Membership

Patricia Murphy	Head, Suzuki Section, Cork School of Music
Paul Mahony	Head of Department of Continuing Education
Paul Sliney	Modularisation & Semesterisation Facilitator
Ray Coughlan	Head of Department of DEIS
Stuart White	Fine Art, Crawford College of Art & Design
Tom Rigney	Head of School of Business Studies

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
Edmund Riordan	Assistant Registrar
John Twohig	Chairperson Apprentice Board of Studies
Niall Smith	Head of Research
Tadhg Leane	Strategic Plan Facilitator

STUDENT REPRESENTATIVES

Eoghan Healy	Students' Union
Jeremy Ó Murchú	Students' Union
Natalie Quinlan	Students' Union
Calvin Kissane	Students' Union
Michael O'Connor	Students' Union
Conor O'Farrell	Students' Union

ELECTED ACADEMIC STAFF

Aidan Coffey	School of Science
Áine de Róiste	School of Humanities
Bernard O'Callaghan	School of Engineering
Catherine Frehill	School of Science
Christine Pybus	Crawford College of Art & Design
Cliona McGuane	School of Computing & Mathematics
Colette O'Brien	Cork School of Music
Des Walsh	School of Building & Civil Engineering
Dirk Pesch	School of Electrical & Electronic Engineering
Don Crowley	School of Business
Eamonn Doyle	National Maritime College of Ireland
Eithne Farr	School of Building & Civil Engineering
Gerard Kelly	School of Mechanical & Process Engineering
Harvey Makin	School of Science
Jeremiah Murphy	School of Building & Civil Engineering
John Gibson	Cork School of Music
John McCarthy	School of Science
Joseph Connell	School of Electrical & Electronic Engineering
June O'Reilly	School of Humanities
Kevin Gill	Crawford College of Art & Design
Margaret Lane	School of Science

3.1   Academic Council Membership

Mary McCarthy	School of Science
Maurice Murphy	School of Business
Michael J O'Mahony	School of Mechanical & Process Engineering
Michael O'Gorman	School of Electrical & Electronic Engineering
Michael P Walsh	School of Business
Michael Randles	School of Business
Orla Boyle	Crawford College of Art & Design
Patricia Anderson	DEIS
Philip Curtin	School of Humanities
Raymond Looney	School of Electrical & Electronic Engineering
Rita O'Donnell	Cork School of Music
Seamas de Barra	Cork School of Music
Stephen Cassidy	School of Mechanical & Process Engineering
Thomas J Murray	School of Building & Civil Engineering
Tim Horgan	School of Humanities
Tom Knox	School of Building & Civil Engineering
Trina Scott	Cork School of Music
Vincent Ryan	School of Computing & Mathematics
Violetta Morari	School of Computing & Mathematics
William Corr	School of Mechanical & Process Engineering

* Within the Science area, it was agreed that one of the Heads of School in that area, on a rotating yearly basis, would undertake the duties of Co-ordinator of Science.

3.2   Academic Council Executive Committee Membership

The composition of the Academic Council Executive Committee is:

1.   The Director (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. The Executive Committee shall have the right to comment and make recommendations on, but not alter, amend or delay any such item. The Executive Committee shall not be empowered to make decisions on behalf of the Academic Council. In the event of business arising that is of extreme urgency, a special meeting of the Academic Council shall be convened;

•   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 Director or by the Director's nominee from within the Executive Committee. In the absence of the Director or Director'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 formed the following seven committees:

ACADEMIC PLANNING COMMITTEE

Stephen Cassidy (Chairman)

ACADEMIC REVIEW COMMITTEE

Liam McDonnell (Chairman)

ADMISSIONS COMMITTEE

Jim O'Dwyer (Chairman)

LEARNING RESOURCES COMMITTEE

Ray Coughlan (Chairman)

REGULATIONS COMMITTEE

Paul Sliney (Chairman)

RESEARCH & DEVELOPMENT COMMITTEE

Jeremiah Murphy (Chairman)

STANDING ORDERS COMMITTEE

Jim Walsh (Chairman)

3.4   Academic Development

Modularisation & Semesterisation

The Institute, through the Academic Council and the Governing Body, adopted a framework for Modularisation and Semesterisation of all taught programmes, with 2007 as the target date for its introduction. The adoption of the policy followed a series of debates and consultations. In outline, the framework for Modularisation and Semesterisation was:

•   Sixty credits for a full-time year of study
•   Two equal semesters of 30 credits
•   Learner workload of 1200 to 1300 hours per annum
•   Two semesters comprising 13 weeks of delivery, 2 weeks of examination and assessment, 2 weeks of examination and assessment processing
•   Six modules each of five credits per semester
•   Free choice for the student of a minimum of 1 module (5 credits) per semester
•   Each module should be based on a norm of five learning outcomes, each of which should be assessed
•   A maximum of 4 written examinations per semester Examinations to be 2 hours in duration
•   Each programme of study to include an Institute-wide common Stage 1 Semester I module designed to assist the student in the transition to third-level education.

While this was the basic framework adopted, there were also procedures for derogation, particularly with regard to the written examination and free choice provisions.

Placing of Part-time Awards on the National Framework

The Qualifications Act requires that all programmes offered by the Institute be validated and placed on the National Framework. While this had been carried out for full-time programmes in 2004, the placement of part-time and evening courses required the development of policy and procedures by HETAC. An amendment to the CIT Academic Quality System to allow for the validation of such programmes was approved by HETAC, and CIT was given delegated authority to make minor, special purpose and supplemental awards.

Delegation of Authority

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.

Prior to delegated authority at these levels, research Masters and Doctorates were awarded by HETAC.

Programmatic Review

A Programmatic Review of Business courses was conducted under the Chairmanship of Mr Peter Fuller, former Head of Business in Dundalk IT.

New Courses

The following new programmes were approved during the academic year 2005-2006:

•   BSc (Hons) in Quantity Surveying
•   BSc (Hons) in Nautical Science
•   MA in Art Therapy
•   BSc in Biomedical Science
     (Formerly the Institute Certificate in Medical Laboratory Science)
•   BA (Hons) in Human Resource Management
•   Higher Certificate in Chemical Process Operations
•   Master of Business Studies
•   BSc (Hons) in Architecture (joint programme with UCC)

3.5   Approved Courses – Full Time

SCHOOL OF SCIENCE

Department of Applied Physics & Instrumentation

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

Department of Biological Sciences

Higher Certificate in Science in Applied Biology - Year 1 & 2
Bachelor of Science in Food Science & Technology
Bachelor of Science in Cell & Molecular Biology
Bachelor of Science (Hons) in Applied Biosciences
Certificate in Biomedical Science - Year 1, 2 & 3
Bachelor of Science in Biomedical Sciences - Year 1 & 2
Bachelor of Science (Hons) in Herbal Science (ab initio) - Year 1
MSc (Biology)
PhD (Biology)

Department of Chemistry

Higher Certificate in Science in Chemistry - Year 1 & 2
Bachelor of Science in Analytical & Pharmaceutical Chemistry
Bachelor of Science (Hons) in Analytical Chemistry with Quality Assurance
MSc (Chemistry)
PhD (Chemistry)

SCHOOL OF COMPUTING & MATHEMATICS

Higher Certificate in Science in Computing - Year 1 & 2
Bachelor of Science in Computing
Higher Certificate in Science in Computing in Information Technology Support - Year 1 & 2
Bachelor of Science in Computing in Information Technology Support
Bachelor of Science (Hons) in Computer Services Management
Bachelor of Science (Hons) in Computer Applications - Year 1, 2, 3 & 4
Bachelor of Science (Hons) in Software Development & Computer Networking - Year 1, 2, 3 & 4
MSc (Computing)
PhD (Computing)

3.5   Approved Courses - Full Time

SCHOOL OF BUSINESS

Department of Accounting & Information Systems

Bachelor of Business in Accounting
Higher Certificate in Business in Office Information Systems - Year 1 & 2
Higher Certificate in Business in Accounting - Year 1 & 2
Higher Certificate in Science in Agriculture - Year 1 & 2
Bachelor of Science in Agriculture
Bachelor of Business (Hons) in Information Systems - Year 1, 2, 3 & 4

Department of Management & Marketing

Higher Certificate in Business - Year 1 & 2
Bachelor of Business in Marketing
Bachelor of Business in Management
Bachelor of Business (Hons)
MBS

Department of Educational Opportunities

Higher Certificate in Business - Year 1 & 2
Higher Certificate in Science in Good Manufacturing Practice & Technology - Year 1 & 2

SCHOOL OF HUMANITIES

Department of Social & General Studies

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

Department of Media Communications

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

Department of Tourism & Hospitality Studies

Higher Certificate in Business in Tourism - Year 1 & 2
Higher Certificate in Business in Hotel & Catering Supervision - Year 1 & 2
Bachelor of Business in Hotel & Catering Management
Bachelor of Business in Bar Management (ab initio) - Year 1, 2 & 3
Bachelor of Business in Culinary Arts (ab initio) - Year 1

DEIS Department

Higher Certificate in Arts in Community Education & Development - Year 1
Bachelor of Arts in Community Education & Development

3.5 Approved Courses - Full Time

SCHOOL OF BUILDING & CIVIL ENGINEERING

Department of Civil, Structural & Environmental Engineering

Higher Certificate in Engineering in Civil Engineering - Year 1 & 2
Bachelor of Engineering in Civil Engineering
Bachelor of Engineering (Hons) in Structural Engineering (ab initio) - Year 1, 2, 3 & 4
M Eng (Civil)

Department of Construction & Architecture

Higher Certificate in Science in Construction - Year 1 & 2
Bachelor of Science in Construction Economics
Bachelor of Science in Construction Management
Bachelor of Science (Hons) Construction Management
Higher Certificate in Science in Interior Architectural Technology - Year 1 & 2
Bachelor of Science in Interior Architecture
Bachelor of Science in Architectural Technology - Year 1, 2 & 3
Bachelor of Science (Hons) Architectural Technology

SCHOOL OF MECHANICAL & PROCESS ENGINEERING

Department of Transport & Automobile Engineering

Higher Certificate in Engineering in Automobile Technology - Year 1 & 2
Bachelor of Arts in Transport Management & Technology

Department of Chemical & Process Engineering

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

Department of Manufacturing, Biomedical & Facilities Engineering

Bachelor of Engineering in Manufacturing Engineering
Bachelor of Science (Hons) in Advanced Manufacturing Technology (add-on)
Higher Certificate in Engineering in Building Services Engineering - Year 1 & 2
Bachelor of Engineering in Building Services
Higher Certificate in Engineering in Biomedical Engineering - Year 1 & 2
Bachelor of Engineering in Biomedical Engineering
M Eng (Mechanical) - Manufacturing Department
MSc (Biomedical Engineering Materials)

Department of Mechanical Engineering

Higher Certificate in Engineering in Mechanical Engineering - Year 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 - Year 1, 2, 3 & 4
M Eng (Mechanical Engineering)
PhD (Mechanical Engineering)

3.5 Approved Courses - Full Time

SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING

Department of Electrical Engineering

Higher Certificate in Engineering in Electrical Engineering - Year 1 & 2
Bachelor of Engineering in Electrical Engineering
Bachelor of Science (Hons) in Electrical Power Systems - Year 1

Department of Electronic Engineering

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

NATIONAL MARITIME COLLEGE OF IRELAND

Bachelor of Science in Nautical Science - Year 1, 2 & 3
Bachelor of Engineering in Marine & Plant Engineering - Year 1, 2 & 3
Seamanship - Year 1, 2, & 3
Certificate in Chiefmate Master

CORK SCHOOL OF MUSIC

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

CRAWFORD COLLEGE OF ART & DESIGN

Bachelor of Arts in Fine Art - Year 1, 2 & 3
Bachelor of Arts in Ceramic Design - Year 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 (Fine Art)

3.6   Approved Courses – Part Time

The following part time courses operated in the academic year 2005/2006.

SCHOOL OF SCIENCE

Department of Applied Physics & Instrumentation

Higher Certificate in Science in Industrial Measurement & Control - Year 1 & 3

Department of Chemistry

Certificate in Quality Assurance
Certificate in Quality Management
Diploma in Quality Management

Department of Biological Sciences

Bachelor of Science (Hons) in Applied Biosciences - Year 1
Master of Science in Biomedical Sciences (Taught)

SCHOOL OF COMPUTING & MATHEMATICS

Graduate Diploma/Master of Science in Computer Applications (GDipCOMP in 05/06)
Master of Science in Software Development
Bachelor of Science in Computing in Information Technology Support (ACCS)
Cisco Certified Network Associate - Term 1
Cisco Certified Network Professional
Higher Certificate in Science in Computing - Year 1 (ACCS)
Higher Certificate in Science in Computing - Year 1 (ACCS) (Semester 2)
Higher Certificate in Science in Computing - Year 2 (ACCS)
Higher Certificate in Science in Computing - Year 2 (ACCS) (Semester 2)
PC Hardware & Operating Systems Technologies
Bachelor of Science (Hons) in Computer Services Management (ACCS)
Bachelor of Science in Computing (EMC Outreach)

SCHOOL OF BUSINESS

Department of Business Studies

Institute Certified Public Accountants (Formation 2)
Institute Certified Public Accountants (Professional 1)
Institute Certified Public Accountants (Professional 2)
Institute of Accounting Technicians of Ireland - Year 1 & 2
Institute of Accounting Technicians of Ireland - Year 2 (Bantry)
Diploma in Financial Management
Foundation Certificate in Personnel Practice
Marketing Institute of Ireland - Year 2, 3 & 4
Road Transport - Certificate of Professional Competence (CPC) Term 1
Road Transport - National Term 2
Diploma in Industrial Engineering - Year 1 & 3
Higher Certificate in Business Studies - Year 1 (Term 1 & 2)
Higher Certificate in Business Studies - Year 1 (Summer)
Higher Certificate in Business Studies - Year 2 (Term 1 & 2)
Higher Certificate in Business Studies - Year 2 (Clonakilty)
Higher Certificate in Business Studies - 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

3.6   Approved Courses – Part Time

Bachelor of Business in Management - Year 2 (Semester 2)
German Beginners
German Intermediate
German Deutsch Fur Den Beruf Course 4
Introductory Bookkeeping & Accounting
Introductory Bookkeeping & Accounting - Term 2
Set Up and Run a Business
Bachelor of Business (Hons) - Year 4
Bachelor of Business (Hons) - Year 4 (Summer)
Bachelor of Business (Hons) - Year 5
Understanding the Taxation System
European Computer Driving Licence (ECDL)
Customer Relationship Management
Advanced Certificate in Agriculture (Teagasc) (Dairying 1)
Bachelor of Arts in Human Resource Management - Year 1 (Semester 1)
National Diploma in Human Resource Management - Year 1 (Semester 2)
Bachelor of Arts in Human Resource Management - Year 2 (Term 1)
National Diploma in Human Resource Management - Year 2 (Term 2)
Bachelor of Arts in Human Resource Management - Year 3 (Term 1 & 2)
Training the Trainer
Diploma in Purchasing & Materials Management - Part 1, 2 & 3
Institute Professional Auctioneers & Valuers Level 1
Certificate in Marketing Skills
International Accounting Standards
Graduate Enterprise Group 1
Master of Business Studies
PhD

Department of Educational Opportunities

New Opportunities for Women (NOW) - Full Time 35 Weeks
Higher Certificate Science in Good Manufacturing, Practice & Technology - Year 1 & 2
Higher Certificate Science in Good Manufacturing, Practice & Technology - Year 1 (JULY)
Higher Certificate Science in Good Manufacturing, Practice & Technology - Year 1 (NOV)
Higher Certificate Science in Good Manufacturing, Practice & Technology - Year 1 (BS)
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 - Year 3 & 4
Social Care Supervision Level 1

Department of Media Communications

Diploma in Public Relations - Year 1 & 2
Web Design & Construction
Design for Print
Digital Imaging
Digital Video Editing

Department of Tourism & Hospitality Studies

Bartenders Retraining Course

3.6 Approved Courses – Part Time

SCHOOL OF BUILDING & CIVIL ENGINEERING

Department of Civil, Structural & Environmental Engineering

Higher Certificate Civil Engineering - Year 1 & 2
Bachelor of Engineering in Civil Engineering (ACCS)

Department of Construction & Architecture

Higher Certificate in Science in Construction - Year 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

Automobile Electricity Elementary
Automobile Electricity Intermediate
Automobile Electricity Advanced
Motor Engineering Elementary
Motor Engineering Advanced
Garage Organisation & Management
Member of Institute of Motor Industry

Department of Chemical & Process Engineering

Certificate in Health & Safety at Work
Chemical Engineering Fundamentals

Department of Manufacturing, Biomedical & Facilities Engineering

Welding 165
Certified Manufacturing Technologist
Certified Manufacturing Engineer
Project Management - Term 1
Project Management - Term 2
Certified Quality Engineer/Technician
SCADA (Supervisory Control and Data Acquisition)
Coded Welding EN287SS (Term 1, 2 & 3)
Project Management Context (Term 1 & 2)
2800 Mechatronics (Pneumatics, Electro-Pneumatics & PLCS CGLI)
Bachelor of Science (Hons) in Process Plant Technology
Bachelor of Science (Hons) in Advanced Manufacturing Technology

Department of Mechanical Engineering

3-D Design Using CAD Group A
Higher Certificate in Engineering in Maintenance Technology - Stage 1 & 2
CAD & Design Using AutoCAD - Group A (435101)
CAD & Design Using AutoCAD - Group B (435101)
3-D Design (Short Course) Full-Time Students

3.6   Approved Courses – Part Time

Department of Electrical Engineering

DC Elementary Electrical Engineering
City & Guilds London Institute Course 236 Part 2 (Course B)
City & Guilds London Institute (Course C)
Programmable Logic Controllers 1
Programmable Logic Controllers 2
Phase 4 Electrical Science Refresher (Term 1, 2 & 3)
Phase 6 Electrical Science Refresher (Term 1, 2 & 3)
AutoCAD Electrical

Department of Electronic Engineering

Bachelor of Engineering in Electronic Engineering (ACCS)
Higher Certificate in Engineering in Electronic Engineering - Year 1 (ACCS)
Master of Engineering in Telecommunications (Taught)

NATIONAL MARITIME COLLEGE OF IRELAND

Yachtmaster Offshore (Shore-Based Course)
Marine Engineering Chief, Second Engineer, OOW
Officer of the Watch - Deck
Personal Survival Techniques
Proficiency in Survival Craft
Efficient Deck Hand
Tanker Safety Course
Medical First Aid
Refresher Deck
Medical Care
Ship Security Officer
OOW Engineering Preparatory Course
GMDSS
Shipboard Familiarisation (Customs)
Ship Safety Boarding Officer
Royal Navy Lifeboat Institution
SMC Coastguard (Search & Rescue)
Proficiency in Fast Rescue Boats
Freefall Lifeboat Coxwains
Simulation for Pilots
Bridge (Crew) Resource Management
GMDSS Short Range Cert (SRC)
STCW95 - Central Fisheries Board (4-day)
Shipboard Safety Officer
International Safety Management (ISM Code)
Tanker Familiarisation Course
Advanced Fire Fighting

3.6   Approved Courses – Part Time

CRAWFORD COLLEGE OF ART & DESIGN

Landscape Painting
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)
Disability Arts Training
Postgraduate Art Therapy Year 3
Art Therapy (Night)

CORK SCHOOL OF MUSIC

Piano	Trumpet
Organ	Clarinet Ensemble
Harpsichord	Trombone
Chamber Music (Department A)	Euphonium/Tuba
Piano Ensemble	Percussion
Jazz Piano	Flute Band
Piano Duets	Singing
Piano 2nd Instrument (GRP)	Opera Workshop
Violin	Speech (Class)
Suzuki Violin	Speech (Individual)
Viola	Speech Theory
Cello	Drama
Cello Technique	Recorder Ensemble
Suzuki Cello	Wind Ensemble
Double Bass	Concert Band-Intermediate
Chamber Music	Jazz Big Band
Orchestra	Junior Jazz
Violin Technique	Junior Bands
Guitar	Brass Ensemble
Junior Guitar Ensemble	Woodwind Ensemble
Senior Guitar Ensemble	Vocal Ensemble
Harp	Movement (Voice)
Recorder	Musicianship
Flute	Windwise
Oboe	Theory (Individual)
Clarinet	Choir
Bassoon	Junior Certificate
Saxophone	Leaving Certificate
Horn	

3.7   Validating Authorities

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

3.7   Validating Authorities

ADDITIONAL RECOGNITION OF CIT COURSES

In addition to validation of its courses by HETAC, the Institute has obtained further recognition by professional bodies wherever possible, 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:

B Sc (Hons) Applied Physics & Instrumentation
- Institute of Physics

B Sc (Hons) Biomedical Science
- Institute of Biomedical Sciences
- Council of Professions Supplementary to Medicine

B Sc (Hons) in Analytical Chemistry with Quality Assurance
- Institute of Chemistry of Ireland
- Royal Society of Chemistry

B Eng (Hons) Electronic Engineering
- Institute of Engineers of Ireland (IEI)
- FEANI
- Washington Accord

B Eng (Hons) Structural Engineering
- Institute of Engineers of Ireland (IEI)
- FEANI
- Washington Accord

B Eng (Hons) Mechanical Engineering
- Institute of Engineers of Ireland (IEI)
- FEANI
- Washington Accord

B Eng (Hons) Chemical & Process Engineering
- Institute of Engineers of Ireland (IEI)
- FEANI
- Washington Accord
- Institution of Chemical Engineers (IChemE)

Higher Certificates/Bachelor Degrees in Electrical Engineering, Building Services Engineering
- Chartered Institution of Building Services Engineers

Higher Certificates/Bachelor Degrees in Electrical/Electronic/Mechanical Engineering
- Institute of Engineers of Ireland (IEI)

B Mus (Hons) (Suzuki Stream)
- European Suzuki Association

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 Science in Construction Economics
- Society of Chartered Surveyors
- Chartered Institute of Building

Bachelor of Science in Construction Management
- Chartered Institute of Building

Bachelor Degree in Design Communication
- Institute of Designers in Ireland

Bachelor Degree (Hons) in Visual Communications
- Institute of Designers in Ireland

Accreditation of CIT Engineering Degrees

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

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

International Recognition

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

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

3.8 External Examiners

BUSINESS & HUMANITIES COURSES

Bachelor of Arts (Hons)

Ceramic Design
Claire Curneen
Maryanne Bolger

Community Education & Development
Anne P. Byrne

Design in Visual Communications
Maryanne Bolger
John Greene
Steven Hunt

Fine Art
Helen Baker-Alder
Janet Mullarney
Charles Tyrell
Roisin Kennedy

Multimedia
Helen Doherty
Philip Ely

Social Care
Mary Doyle
Gay Graham
Perry Share

Bachelor of Arts

Applied Social Studies in Counselling
Ger Murphy

Ceramic Design
Maryanne Bolger
Peter Meanley

Community Education & Development
Joanna McMinn
Anne P. Byrne

Counselling & Psychotherapy
Mary Ryan

Design Communications
Brendon Deacy
Chris Linford

Early Childhood Care & Education
Anne Fitzpatrick
Colm O'Doherty

Fine Art
Brian Connolly
Mark Joyce
Roisin Kennedy

Human Resource Management
John Doran
Denis Harrington
Noreen Heraty
Mike McDonnell

Social Care
Perry Share
Angela Veale

Transport Management & Technology
John Monaghan

Bachelor of Music
Ita Beausang
Gerard Gillen

Master of Arts in Music (Taught)
Alan Smale

Higher Certificate in Arts

Counselling Skills
Ger Murphy
Mary Ryan

Community Education & Development
Joanna McMinn

Social Care
Gay Graham
Angela Veale
Perry Share

Higher Diploma in Art & Design
Teachers

Diploma in Art & Design Teachers
Howard Foulkes Jones

One Year Certificate in Applied Social Studies

Applied Social Studies
Ger Murphy
Mary Ryan

Bachelor of Business Studies (Hons)

Business Studies
Marian Duggan
Nicola Timoney
Declan Fleming

Information Systems
Chris Barry
Declan Forde

Bachelor of Business Studies

Accountancy
Noel O'Brien
Fidelma White

Bar Management
Michael Gill
Robert Smith

Culinary Arts
Michael Gill
Robert Smith
Majella O'Donoghue

First-Line Management
Brendan McCarra

Hotel & Catering Management
John A. Bonar
Majella O'Donoghue

Management (ACCS)
Tadgh Barrett
Jim Walsh

Marketing
Declan Fleming
Noel O'Brien
Roger Sherlock
Nicola Timoney

Higher Certificate in Business Studies

Business Studies
Marian Duggan
Nicola Timoney
Declan Fleming

Business Studies (ACCS)
Peter Melinn
Declan Fleming

Accountancy
Noel O'Brien
Fidelma White
Peter Melinn

Hotel & Catering Supervision
John A. Bonar
Majella O'Donoghue

Marketing
Noel O'Brien

Office Information Systems
Kay Fitzgerald
Declan Fleming

3.8   External Examiners

Recreation & Leisure
Patrick Stanton
Niall Moyna

Tourism
Dominic Dillane
Karen Gardiner

Institute Certificate in Personnel Practice

Certificate in Personnel Practice
Cass Fitzpatrick
Don Hegarty

ENGINEERING & TECHNOLOGY COURSES

Bachelor of Engineering (Hons)

Electronic Engineering
William Gerard Hurley
Sean Foley

Chemical & Process Engineering
Lester Kershenbaum
Diarmuid O'Connor

Mechanical Engineering
Michael Gilchrist
John E. Hegarty

Structural Engineering
Tim Corcoran
Padraic E. O'Donoghue

Bachelor of Engineering

Manufacturing Engineering
Robert Simpson

Applied Electronic Design
Jason Berry
Ronan O'Dubhghail

Biomedical Engineering
Peter McHugh
David Tallon

Building Services
Declan Leonard
Neil Hewitt

Civil Engineering
Peter L. Anthony
John Murphy

Communication Systems
Jason Berry
Ronan O'Dubhghail

Electrical Engineering
Michael Hennessy
Eamonn McQuade

Electronic Automation & Robotics
Jason Berry
Ronan O'Dubhghail

Manufacturing Engineering
John Connolly

Mechanical Engineering
John Connolly
Robert Simpson

Marine & Plant Engineering
Niall O'Shaughnessy
David Taylor

Higher Certificate in Engineering

Biomedical Engineering
Peter McHugh
David Tallon

Building Services
Declan Leonard
Neil Hewitt

Civil Engineering
Peter L Anthony
John Murphy

Maintenance Technology
John Connolly
Robert Simpson

Mechanical Engineering
Robert Simpson
John Connolly

Master of Engineering

Paul French
Aidan Murphy
Sean McGrath

Postgraduate Diploma

Paul French
Aidan Murphy
Sean McGrath

Bachelor of Science (Hons)

Software Development
Mel O'Cinneide

Process Plant Technology
Patrick Hannon

Advanced Manufacturing Technology
Patrick Hannon
Gerry Woods

Analytical Chemistry with Quality Assurance
Cáit Lane
Bridget O'Regan

Applied Biosciences
Tom Beresford
R. J. Fitzgerald

Applied Physics & Instrumentation
Colette McDonagh

Architectural Technology
Jack Coughlan

Computing
John Walsh

Computer Services Management
James Greenslade

Computerised Instrument Systems
Eamonn Burke
Pat Moriarty

Construction Management
John Hanahoe
Declan O'Gorman

Electrical Power Systems
Michael Hennessy
Eamonn McQuade

Herbal Science
Desmond Corrigan
Emmett Walsh

Process Plant Technology
Gerry Woods

Software Development
Martin Donnelly
Mel O'Cinneide

Software Development & Computer
Networking
Jim Buckley
Austin Kinsella

Technology
Robert Simpson

3.8 External Examiners

SCIENCE & COMPUTING COURSES

Bachelor of Science

Agriculture
Paul Whyte
Tom Burke

Applied Physics & Instrumentation
Colette McDonagh
Norman McMillan

Architectural Technology
Jack Coughlan

Cell & Molecular Biology
Tom Beresford
R. J. Fitzgerald

Chemical Technology
Bridget O'Regan
Joseph Power

Computing
Anna Browne
Mairead Meagher
Kate O' Dubhchair

Construction Economics
Brian O'Driscoll
Timothy Enright

Construction Management
Brian O'Driscoll
Andrew M Simpson

Food Science & Technology
Tom Beresford
R. J. Fitzgerald

Interior Architecture
Marc O'Riain
Maeliosa O'Brien

IT Support
James Greenslade
John Walsh

Nautical Science
Pat Farnan
Paul A Miley

Technology
William Bergin
Tony Dunne
Joseph Ferdinand O'Halloran
Arthur O'Sullivan
Louis Gunnigan
Mel O'Cinneide

Master of Science

Software Development
Martin Collier
Anthony Moynihan
Michéal Ó hÉigeartaigh

Computing in Education
Hugh Gibbons

Biomedical Science (Taught)
Graham H. Beastall

Higher Certificate in Science

Agriculture
Paul Whyte
Tom Burke

Applied Biology
Tom Beresford
R. J. Fitzgerald

Applied Chemistry
Bridget O'Regan
Joseph Power

Applied Physics & Instrumentation
Norman McMillan
Colette McDonagh

Institute Certificate in Biomedical Science
Caroline Joyce
Aidan Kelleher
Philip Kennedy
Patrick Mulhare
Eithne Murphy
Don O'Connor
Noel Shanaghy
Marian Manning
Kevin Cooper

Computing
Anna Browne
Mairead Meagher

Construction
Brian O'Driscoll
Timothy Enright

Good Manufacturing Practice & Technology
Brendan McCarra
Peter Power

Industrial Measurement & Control
Pat Moriarty
Eamonn Burke

IT Support
John Walsh
James Greenslade

Subject External Examiners

French
Grace Neville

German
Dermot Cavanagh

*Italian*
Louise Sheehan

Mathematics
Kieran Murphy

3.9 Student Statistics

Enrolment Statistics for 2005/06 and the two previous years

	2005/06	**2004/05**	**2003/04**
Total Full-time	6,053	6,419	6,160
Total Part-time	11,027	10,584	11,031
OVERALL TOTAL	**17,080**	**17,003**	**17,191**
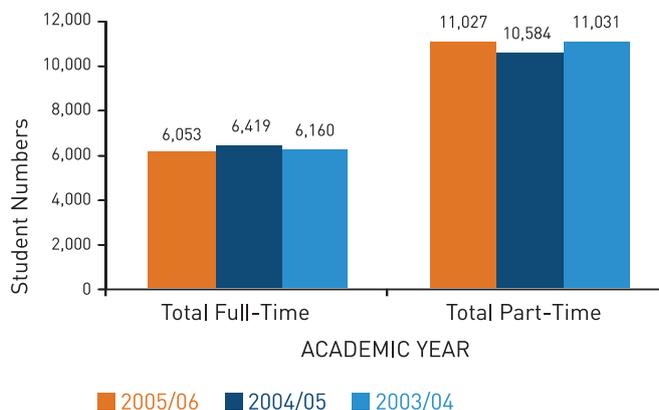
Enrolments by Gender & Attendance Mode for 2005/06

|	**Male**	**Female**	**Total**
FULL-TIME			
Non-Mature	3,356	2,152	5,508
Mature	273	272	545
TOTAL	**3,629**	**2,424**	**6,053**
Disability*	50	30	80
PART-TIME			
Fáilte Ireland	130	162	292
Apprentice	2,245	4	2,249
Part-time	3,945	4,541	8,486
TOTAL	**6,320**	**4,707**	**11,027**
OVERALL TOTAL	**9,949**	**7,131**	**17,080**

*Disability Numbers included in Full-Time Totals
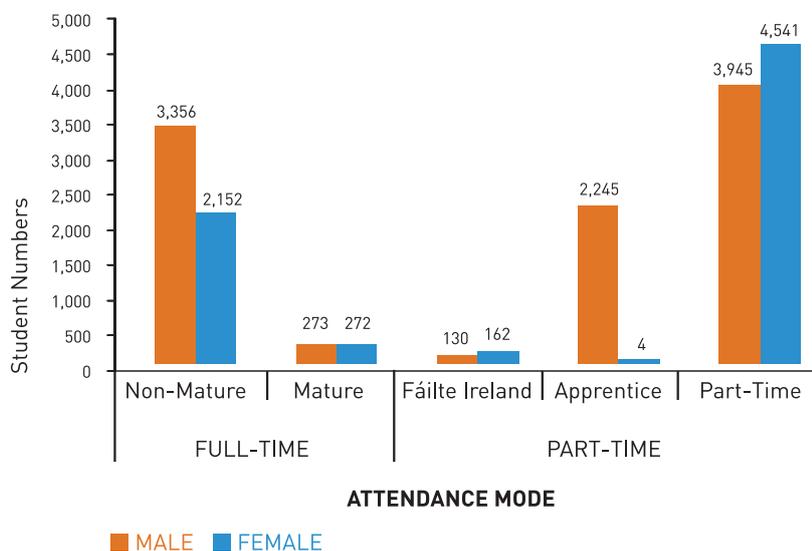
3.9 Student Statistics

Enrolment Statistics by Gender for three academic years

	2005/06	2004/05	2003/04
Male	9,949	9,856	9,816
Female	7,131	7,147	7,375
Total	**17,080**	**17,003**	**17,191**
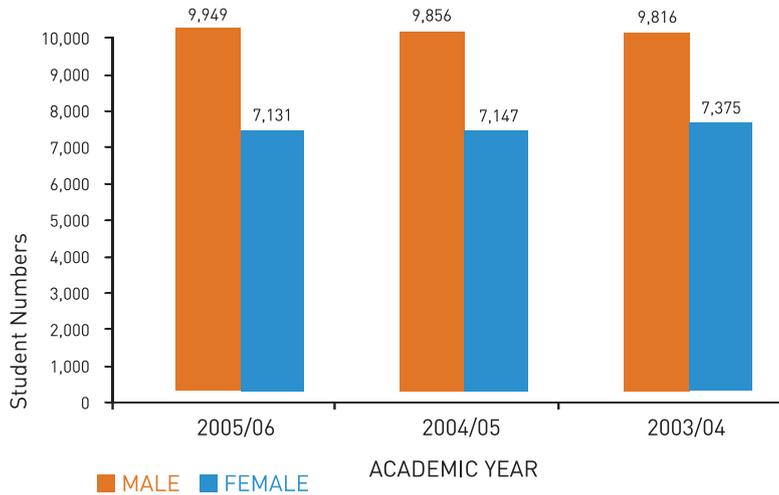
Student Percentage Distribution – Cork Institute of Technology

|	Actual	WTE
WT Higher Cert & Degree (Levels 6,7,8,9,10)	6,053	6,053
Fáilte Ireland Apprentice	292	193
Other Apprentice	2,249	737
Part-Time & Evening	8,486	1,289
	17,080	**8,272**

- 2%
- 9%
- 16%
- 73%

- ■ Fáilte Ireland Apprentice
- ■ Other Apprentice
- ■ Part-Time & Evening
- ■ WT Higher Cert & Degree (Levels 6, 7, 8, 9, 10)
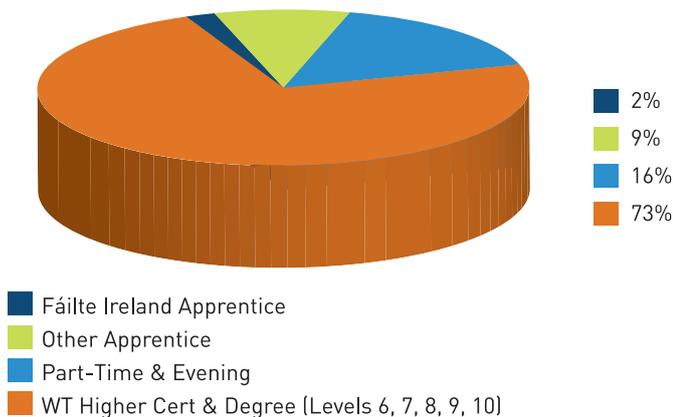
3.9   Student Statistics

Student Percentage Distribution – Bishopstown Campus

	Actual	WTE
WT Higher Cert & Degree (Levels 6,7,8,9,10)	5,424	5,424
Fáilte Ireland Apprentice	292	193
Other Apprentice	2,249	737
Part-Time & Evening	4,021	992
	11,986	**7,346**
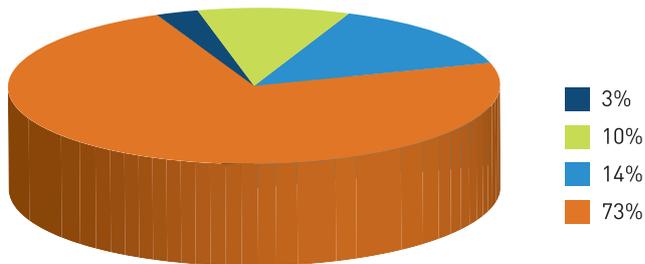
- 3%
- 10%
- 14%
- 73%

■ Fáilte Ireland Apprentice
■ Other Apprentice
■ Part-Time & Evening
■ WT Higher Cert & Degree (Levels 6, 7, 8, 9, 10)

Student Percentage Distribution – Crawford College of Art & Design

	Actual	WTE
WT Higher Cert & Degree (Levels 6,7,8,9,10)	296	296
Part-Time & Evening	276	34
	572	**330**
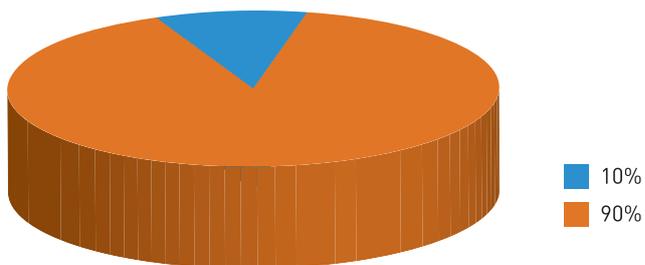
- 10%
- 90%

■ Part-Time & Evening
■ WT Higher Cert & Degree (Levels 6, 7, 8, 9, 10)

3.9   Student Statistics

Student Percentage Distribution – Cork School of Music

	Actual	WTE
WT Higher Cert & Degree (Levels 6,7,8,9,10)	117	117
Part-Time & Evening	3,678	189
	3,795	**306**

- 62%
- 38%
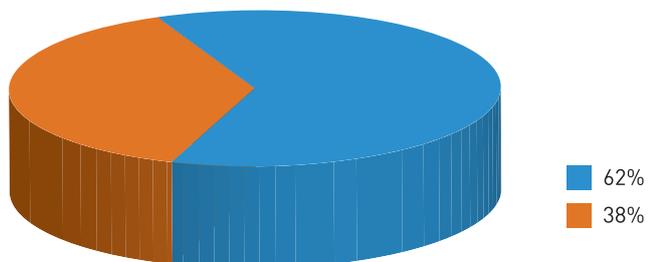
■ Part-Time & Evening
■ WT Higher Cert & Degree (Levels 6, 7, 8, 9, 10)

Student Percentage Distribution – National Maritime College of Ireland

	Actual	WTE
WT Higher Cert & Degree (Levels 6,7,8,9,10)	216	216
Part-Time & Evening	511	74
	727	**290**

- 26%
- 74%
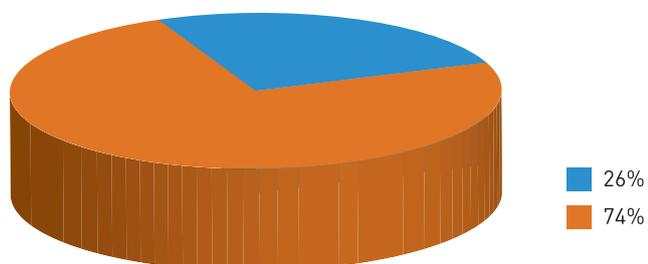
■ Part-Time & Evening
■ WT Higher Cert & Degree (Levels 6, 7, 8, 9, 10)

3.9 Student Statistics

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

	Higher Certificate (L6)	Ordinary Degree (L7)	Honours Degree (L8)	Post Graduate Degree (L9 & L10)	Totals
Science	485	258	404	40	1,187
Engineering	898	582	639	42	2,161
Business/Humanities	892	633	491	5	2,021
Art & Design	0	311	73	33	417
Music	19	41	173	34	267
Total	**2,294**	**1,825**	**1,780**	**154**	**6,053**
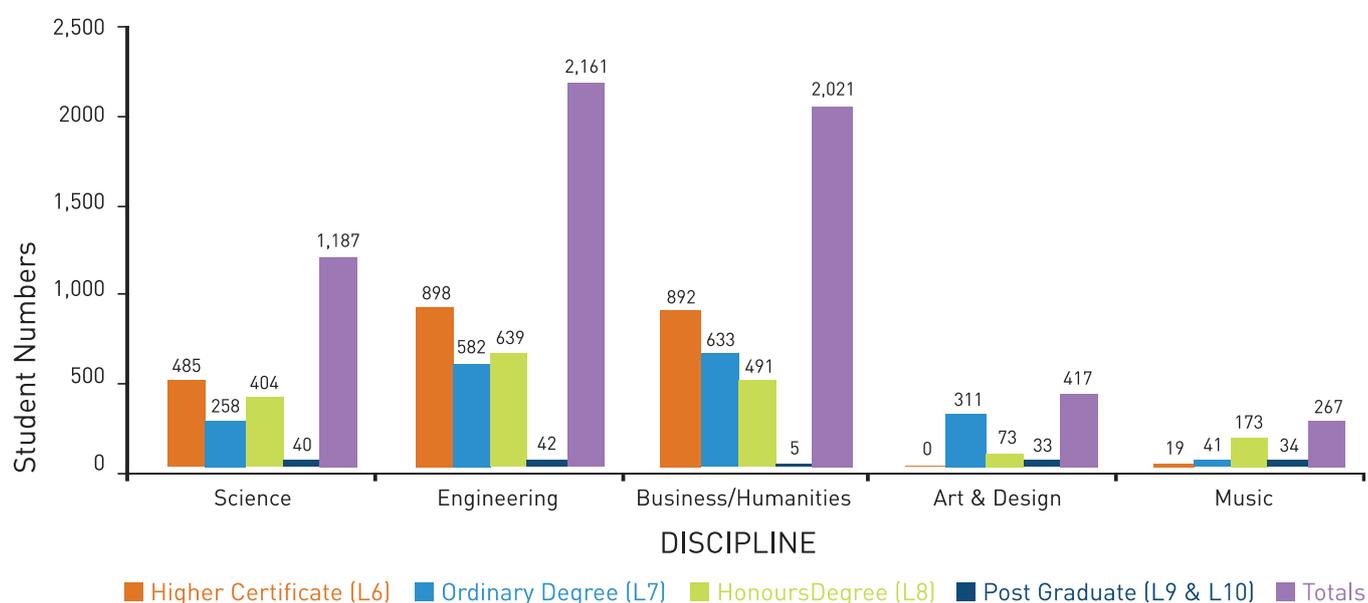
3.10   Student Prizes

The CIT Annual Prize-giving Award Ceremony took place in the Rochestown Park Hotel in December 2005. The Director, Dr Brendan J. Murphy and the Chairman, Cllr Donal O'Rourke presented prizes to the following students:

- **Simon McHale**
  Best Honours Degree Student Award - Bachelor of Music

- **Gary Curtin**
  Best Taught Masters Degree Student Award - MA in Music

- **Christopher Doherty**
  Best Bachelor Degree Student Award - Bachelor of Engineering in Marine Engineering

- **Aisling Smith**
  Best Bachelor Degree Student Award – BA Fine Art

- **Stephanie Hough**
  Best Honours Degree Student Award – BA (Hons) Fine Art

- **Rosanna Devoy Pullin**
  Best Student at HDip Award – HETAC Diploma for Art & Design Teachers

- **Deirdre Sheehan**
  Best Bachelor Degree Student Award – Bachelor of Business in Accounting

- **Rita O'Sullivan**
  Best Honours Degree Student Award – Bachelor of Business (Hons)

- **James Meehan**
  Best Bachelor Degree Student Award – Bachelor of Engineering in Biomedical Engineering

- **Cian Cronin**
  Best Honours Degree Student Award – Bachelor of Engineering in Chemical & Process Engineering

- **Joanna Teahan-Dillon**
  Best Bachelor Degree Student Award – Bachelor of Science in Cell & Molecular Biology

- **Daniel O'Shea**
  Best Honours Degree Student/Best Overall Student Award, Bachelor of Science (Hons) in Applied Physics & Instrumentation

- **Rose Marie Ní Dhúbhda**
  Best Taught Masters Degree Student Award – MSc in Computing in Education

- **Joanne Doherty**
  Best Taught Masters Degree Student Award, MSc in Computing in Education

The fourth annual Prize-giving Award Ceremony for the School of Science took place in the Rochestown Park Hotel on 19 January 2006 honouring the highest achieving graduates in the academic year 2004/05. Altogether 17 awards were presented across the main disciplines in the School of Science.

The Inaugural Prize-giving Award Ceremony for the Faculty of Engineering took place in the Rochestown Park Hotel on 23 January 2006 honouring the highest achieving graduates in the faculty in the academic year 2004/05. The recipients were selected as the highest achieving in their category in each of the eight departments in the faculty.

The Inaugural Prize-giving Award Ceremony for the Faculty of Business & Humanities took place in the Rochestown Park Hotel on 8 February 2006 honouring the highest achieving graduates in the faculty in academic year 2004/05. Recipients were drawn from the main disciplines in the faculty. Altogether 31 students were presented with awards.

James Lucey, student in the Department of Mechanical Engineering received an award from Ms Mary Hanafin T.D., Minister for Education and Science, on 30 January 2006 at a ceremony held in the Clock Tower Conference Room in the Department of Education and Science, Dublin. The student received the award for first place at the National Computer-Aided Design Competition.

3.10   Student Prizes

The Irish Hospitality Institute 21st Annual Business Management Challenge took place in Belfast at the Wellington Park Hotel in February. The team who represented CIT were **Áine Carey, Danny O'Sullivan, Eoin Moynihan, Catríona Delaney and Brian Ellis** from the Tourism & Hospitality Department. They were successful in achieving first place in the challenge.

Yuen Tan, a first year student on the BBS in Bar Management, Department of Tourism & Hospitality Studies, won a Silver Medal at the Boles All-Ireland Open Cocktail Competition held at the Vintra Exhibition in Dublin on 6 February 2006.

On 6 March 2006, four Entrepreneurs were recognized for their endeavours at a ceremony at CIT for the Genesis Enterprise Programme Awards.   Mr Micheál Martin T.D., Minister for Enterprise, Trade & Employment officiated at the ceremony. The following students received prizes:

• **William Fitzgerald,** Yougetitback – Winner, Best Business Opportunity Overall

• **William Oppermann,** MPSTOR - Winner, Best Product Business Opportunity

• **David Boland,** Documatics - Winner, Best Service Business Opportunity

• **Peter O'Brien,** Epi-Light - Runner Up, Product Business

Niamh Thompson, BEng, a postgraduate in the Department of Civil, Structural and Environmental Engineering won the Earth Tech Ireland Environmental Award on Monday 3 April 2006. This award was a research competition for third-level postgraduate students of science and engineering. Two other postgraduate students of the Department finished joint 3rd, **Sarah Corcoran**, BSc and **Marco Poliafico**, MEng.

The competition to select the CIT Innovative Engineer of the Year 2006 took place on 27 April 2006. First place was achieved by **Kathleen Hurley**, whose project title was "Fractured Finger Splint System Design and Development."   In second Place was **Brian Guilly**, whose project title was "Equine Tendon Support Boot Test Rig Design and Development."

The Siemens Engineers Ireland Innovative Engineer Award 2006 Competition Finals took place on 15 June 2006 at Engineers Ireland Head Office, Dublin.   First Place and Siemens/Engineers Ireland Innovative Engineer of the Year 2006 was achieved by **Katheen Hurley** for her project "Fractured Finger Splint System Design and Development."

The IMechE International Medical and ISEA International Sports Engineering Competitions, took place on Tuesday 27 June 2006 at Birdcage Walk, Westminister, London. Three CIT Mechanical Engineering Degree students received the following awards:

• **Kathleen Hurley** for "Best International Medical Device Design and Development" First Place

• **Brian Guilly** for "Best International Medical Engineering Project Competition" First Place

• **Timmy O'Keeffe** for "Best International Sports Engineering Project Competition" Second Place

research &
development

4.1   Development Activities

Research Office

The Institute established a Research Office and appointed Dr Niall Smith as the Head of Research and Dolores Geary as Administrative Officer. The Research Office has begun the task of developing a comprehensive Research Strategy. Substantive meetings with key stakeholders took place, including all senior staff from across the Institute, with a view to formalising the position with respect to research activity in each department. Opportunities, threats and weaknesses to research activity were identified and summarised in a report circulated to all senior staff.

Technology Sector Research Grants

Twelve CIT researchers were awarded Strand 1 funding under the Technological Sector Research Programme. The total amount approved was €400,000.

Environmental Protection Agency (EPA)

Under the EPA postgraduate scholarship programme, five Masters scholarships were awarded to CIT with a combined value of €150,000.

Enterprise Ireland

Funding was awarded by Enterprise Ireland under a number of schemes:

- CIT's application under the Applied Research Enhancement Programme was approved for funding. The total budget approved was €1.25 million over 5 years and aims to establish a Centre that will be an applied research resource for indigenous industries in the ICT sector in the region.
- Three CIT research projects were approved funding under the Proof of Concept scheme. These projects were valued at €90,000 each.
- CIT led a project in collaboration with DIT under the Technology Development programme and the project received funding of €390,000. A second project, in collaboration with the Tyndall Institute, was also approved under this programme with a value to CIT of €180,000.
- Two projects were funded under the Innovation Partnership scheme designed to bring industry and third-level research groups together to work on joint research and development projects. The total value of these projects was €180,000.
- Two Industry Led Research Programmes, where CIT was a partner, were approved. The combined value of these programmes to CIT was €162,000.
- Two projects received feasibility study funding with a combined total funding of €18,000.

Department of Agriculture and Food

Three biology-based projects were awarded funding under the Food Institutional Research Measure (FIRM) scheme. The first two projects were awarded €500,000 each and CIT was the lead Institute on both of these projects. The third project was in partnership with the Department of Food & Nutritional Sciences, UCC, Teagasc, and the Food Research Centre Dublin. The value of this project was €120,900.

Embark

Three postgraduate scholarships were awarded to CIT with a total value of €120,000.

Science Foundation Ireland (SFI)

A planning grant was awarded to CIT to do some preliminary investigations into the current role of women in Science and Engineering research and barriers to increasing the number of female research active staff in these areas. A number of workshops and sessions were held with academic staff, both male and female, research active and non-research active, to develop a submission to SFI to role out a programme aimed at increasing the levels of female researchers in the areas of Science and Engineering.

A researcher in biology was successful in their application under the Research Frontiers Programme, and was awarded funding of €166,000 for the three-year project.

EU Funded Projects

The Adaptive Wireless Research Group was involved in a number of EU funding applications and three of these projects were approved for funding. The combined value of these projects to CIT was €470,000.

The National Maritime College of Ireland (NMCI) and a number of EU partners made a successful application to the EU under the Interrig IIIB programme. The value to NMCI was €540,000.

DEIS

DEIS was funded for eight different projects under various EU programmes. The value to CIT for these projects was €852,000 and looked at areas such as community development through sport, online skills accreditation, internet-based e-learning supports for individualised learning, practices for system innovation in teaching and learning and sharing learning objects in an open perspective.

Clean Technology Centre (CTC)

CTC were successful in securing funding from both the Environmental Protection Agency and European Commission. Total funds secured amounted to €280,000.

Technologies for Embedded Computing Center (TEC)

Under Enterprise Ireland's Applied Research Enhancement Scheme, the Institute was awarded funding to establish the TEC Center. This center will act as the interface between the Adaptive Wireless Group and industry and will strengthen the commercialisation activity in that area. The total cost of TEC is €1.25m and it is expected to interact with up to 40 companies on an ongoing basis when it is up and running.

Blackrock Castle Observatory

The Astronomy and Instrumentation Group moved into their new premises at Blackrock Castle. The Castle will, in 2007, house Ireland's first interactive science center related to astronomy.

Commercial Activity

CIT was successful in winning a tender to run a series of "Enterprise Start Programmes" in the South West Region. These programmes were jointly funded by Enterprise Ireland and FÁS. The programmes were designed to address a training gap in the provision of training for those mainly in employment who want to start a new enterprise.

The end of year awards evening for the Genesis Enterprise Programme was held in the Tourism and Hospitality Building and was officiated by Mr Michéal Martin, T.D., Minister for Enterprise, Trade and Employment and was well attended by the regions business community. The awards were sponsored by Ernst and Young, AIB and a number of regional Enterprise Boards.

Student Innovation Activity

- The 4th CIT Prize for Innovation was held in February. Eighteen multi-discipline teams competed for the €5,000 prize money and the perpetual trophy.
- The successful projects from CIT's Prize for Innovation were entered into the National student competition, Enterprise Ireland's Student Awards, where a CIT project was short-listed to one of the last five in the country.

CIT Alumni Association

The CIT Alumni Association was revitalised and by June 2006 had in excess of 3,500 registered members.

A number of events, including reunions, were organised including a Marine Engineering Golden Jubilee (over 350 attendees) and a re-launch of the New York branch of the Association.

CIT Re-Branding

A decision was made to re-brand CIT and a Committee was convened to examine and make recommendations with regard to the development of a new corporate image and masthead for the Institute.

4.2   External Development Links

Socrates/Erasmus Exchange Programme

During 2005-2006 the activities under the Socrates/Erasmus programme continued to develop. Cork Institute of Technology received the Socrates/Erasmus University Charter for 2003-2007, which enables the Institute to apply for mobility funding to finance student and staff exchanges.

A total of 27 outgoing and 110 incoming students participated in the programme. Nine staff teaching visits were also funded under the programme.

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

• Applied Physics and Instrumentation
• Biological Sciences
• Building and Civil Engineering
• Business Studies
• Chemical & Process Engineering
• Chemistry
• Electronic Engineering
• Computing
• Mechanical Engineering
• Social Studies
• Art & Design
• Nautical Studies
• Music
• Media Communications

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

It is anticipated that these partnerships will continue to grow and develop into the future.

Leonardo da Vinci Programme

Under the Leonardo student placement programme, five Cork Institute of Technology students from the departments of Biological Sciences and Chemistry carried out their training placements in Finland, the UK, Germany and France in the spring of 2006.

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 two CIT students went to study at the Southern Maine Technical College.

4.3   Campus Development

CIT Innovation Centre

The Centre was handed over to CIT in late 2005 and a full-time manager was appointed. The first clients moved into the Centre in January 2006. The Centre was named the "Rubicon Centre" and operates as a separate entity owned by CIT. The Centre was officially opened by Mr Micheál Martin, T.D. Minister for Enterprise, Trade and Employment in June 2006.

National Maritime College of Ireland

The College was officially opened by Ms Mary Hanifin, TD, Minister for Education and Science in March 2006.

Blackrock Castle Observatory

The Observatory and ancillary facilities were officially opened by the Lord Mayor of Cork, Cllr Deirdre Clune, in June 2006.

Student Centre

Functions are transferring such as reprographics and counselling.

A Student Services Club was formed with a view to operating a club bar in the Student Centre. An application for Club Registration was granted by the District Court on 11 July 2006.

Administration Centre

Occupation of the building began in August 2005 and all areas were brought into use over the following months.

Tourism & Hospitality Building

The Architect issued Certificates of Partial possession on 1 September 2005, 30 September 2005 and 21 December 2005. A Certificate of Practical Completion was issued by the Architect on 6 February 2006. Academic Staff transferred to offices in the new building in June 2006 and equipment transferred in July 2006.   Use of the building's classrooms began in September 2005.

Sports Facilities Development Works

Two pitches are now playable and about to have goalpost erected. The development of three new sand carpet pitches continued. Irish oak trees were planted on the north-east bank of the rugby pitch.

The Minister for Arts, Culture and Sport, Mr John O'Donoghue T.D., performed the turning of the first sod for the first phase development of the viewing stand on Thursday 24 November 2005 in the presence of the Chairman, Director, and elite student sportspersons.

Crèche

As the available funds were significantly lower than the tender cost of the crèche planned for the Bishopstown Campus, the project was put on hold pending a resolution of the funding problem.

Space Allocation Group Report

A Space Allocation Group was established by the Director to make recommendations in regard to the allocation of space following the move to the new north campus buildings.

Litter Status of Bishopstown Campus

The Irish Business Against Litter in a report of its nationwide litter survey commented as follows on the Bishopstown Campus:

C.I.T. Clean to European Norms.
This was an excellent site. It has maintained the high standards attained during previous litter surveys. Clearly the area is well respected by the students and carefully looked after by those responsible for its maintenance. The thorough approach to litter management is certainly paying off.

The "Rubicon Centre"

4.4   Safety & Facilities Management

Health & Safety

A "Schedule 4" Safety Committee was established with membership representing the broad staff categories in the Bishopstown Campus.

Implementation of a Health & Safety Plan began. A key element of the plan was a programme of staff training employing both internal and external trainers. Two defibrillators were installed and staff were given the necessary training in their use.

A Health & Safety plan was developed for the National Maritime College of Ireland (NMCI) in consultation with all relevant parties.

Lighting levels in the main building were improved and emergency lighting was upgraded to comply with IS:3217:1987, and the Fire Alarm system was upgraded to comply with IS:3218:1989.

Twenty four members of staff received Fire Extinguisher / Fire fighting training.

A work permit system was implemented for work in all switch-room locations. A Safety Committee, with agreed terms of reference and composition, was established.

The development of a Safety Plan for the Crawford College of Art and Design (CCAD) began.

Masterplan Revision

Campus masterplanners were commissioned to revise the Bishopstown Campus masterplan so as to identify the most suitable and appropriate site for the Library Extension. The revised Campus Masterplan, showing the location of the proposed Library Extension between the main building and Rossa Avenue, was approved by the Development Committee of Governing Body.

IT Infrastructure

Design work on the upgrading of the Institute's IT infrastructure in the main building began, with a first phase designed to install cable trays and prepare of new communication rooms to act as local hubs.

personnel

5.1 Personnel Report

Staff Numbers

During 2005/06 the Institute staff numbers, both whole-time and part-time, increased from 1468.5 to 1517.5 which equates to 986.97 Wholetime Equivalents. The largest category of staff are Academic Staff which account for 75% of the numbers (67% 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:

Michael Ahern, Senior Lecturer, Accounting & Information Systems
Joy Birkby, Pro-Rata Part-Time Assistant Lecturer, Management & Marketing
Daniel C Burke, Head of College, National Maritime College
Donal Dempsey, Head of Department, Transport & Automobile Engineering
Marianne Gallagher, Lecturer, Management & Marketing
Timothy Looney, Lecturer, Transport & Automobile Engineering
Finbarr Mohally, Lecturer, Accounting & Information Systems
Finbarr Nott, Lecturer, Transport & Automobile Engineering
Derry Sheehan, Lecturer, Manufacturing, Biomedical & Facilities Engineering
Eamonn Wall, Senior Lecturer, Biological Sciences

The Director, Dr Brendan J. Murphy presenting a token on behalf of the staff of the Institute to
Mr Donal Burke on the occasion of his retirement at the National Maritime College of Ireland.

5.2   Staff Numbers

Total Staff Numbers

	Male	Female	Total
Permanent	462.00	231.00	693.00
Temporary WTE	141.98	151.99	293.97
	603.98	**382.99**	**986.97**

- 61%
- 39%

■ Permanent
■ Temporary WTE
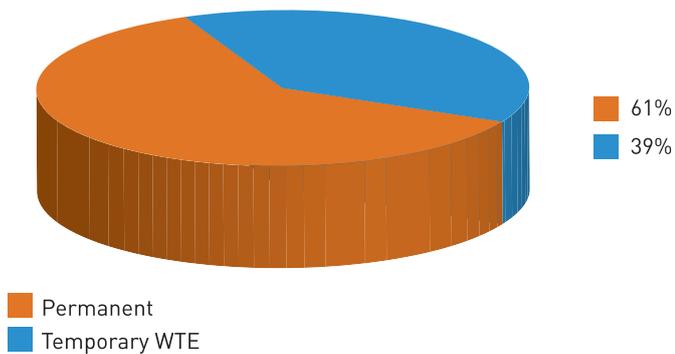
Staff by Category

	Male	Female	Total
Management	8.00	2.00	10.00
Academic	455.89	208.32	664.21
Administration	17.92	101.99	119.91
Support	122.17	70.68	192.85
	603.98	**382.99**	**986.97**

- 1%
- 20%
- 12%
- 67%

■ Management
■ Support
■ Administration
■ Academic
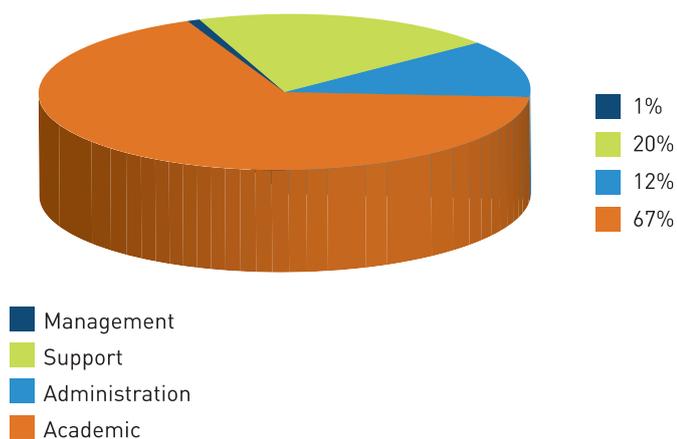
5.2   Staff Numbers

Staff by Gender

	Permanent	Temporary WTE	Total
Male	462.00	141.98	603.98
Female	231.00	151.99	382.99
	693.00	**293.97**	**986.97**

61%
39%

Male
Female
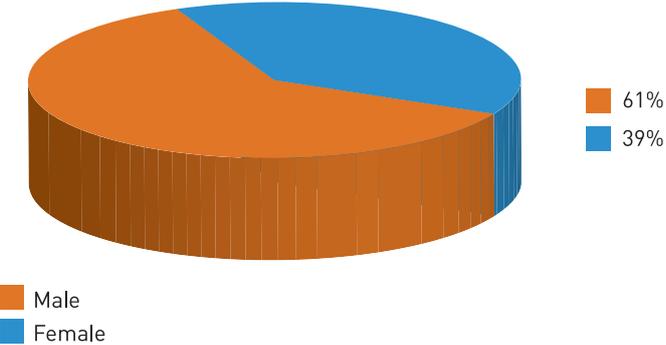
5.3　Staff Achievements

Staff achieved the following during the academic year 2005/06:

- Mr John Pearson, Lecturer, Department of Tourism & Hospitality Studies who received a Lifetime Achievement Award from the Bartenders Association of Ireland for his contribution to the industry.

- Mr Hugh Lorigan, Pro-Rata Part-Time Assistant Lecturer, Crawford College of Art & Design who completed a large-scale ceramic sculpture for Louth County Council, located in Drumleer, Co Louth.

- Mr Padraig Trehy, Pro-Rata Part-Time Assistant Lecturer, Crawford College of Art & Design whose film "The Kings of Cork City" was screened at Galway Film Fleadh and the Cork Film Festival.

- Ms Edel Sullivan, Pro-Rata Part-Time Assistant Lecturer, Cork School of Music, who recently released her debut solo fiddle album 'In Time Of' to national and international acclaim.

- Ms Regina Crowley, Lecturer, Cork School of Music who directed the Cork School of Music Youth Theatre in a production of "The Incredible Shoemaker's Wife" at the Rory Gallagher Theatre, Bishopstown Campus.

- Mr Tim Horgan, Lecturer, Department of Computing who set up a Virtual School to enable both primary and post-primary teachers in the Cork area to create a virtual learning experience for their students. The project is unique because this is the first time in Ireland groups of students from both the primary and post-primary sectors have actively participated in the virtual learning environment.

- Mr Tom O'Connor, Assistant Lecturer, Department of Social and General Studies who edited a new book entitled "Social Care in Ireland: Theory, Policy and Practice". The launch of this book took place on 4 May in the Tourism & Hospitality Building.

- Staff members who were conferred during the academic year included:

  - David Cadogan, MEngSc
  - Dan Collins, MA in Education
  - Glynis Dennehy, Diploma in Human Resource Management
  - David Flannery, PhD in Mathematics Education
  - Lorraine Howard, PhD in Philosophy
  - William Kavanagh, MA in Adult Learning & Development
  - Andrea McCarthy, MSc in Occupational Therapy
  - Brian O'Rourke, MEngSc
  - John Vallery, MA in Classical String Performance

New Appointments

The following staff were confirmed for appointment during the academic year 2005/06:

- Mr Clive Atkinson, Assistant Lecturer, Department of Transport & Automobile Engineering
- Mr Colm Barry-Murphy, Assistant Lecturer, Department of Management & Marketing
- Ms Trish Brennan, Assistant Lecturer, Crawford College of Art & Design
- Ms Sally Bryan, Assistant Lecturer, Department of Manufacturing, Biomedical & Facilities Engineering
- Dr Daniel Cahill, Head of Department, Department of Construction & Architecture
- Mr Roderick Cooke, Lecturer, National Maritime College of Ireland
- Ms Sinead Corcoran, Assistant Lecturer, Department of Civil Structural & Environmental Engineering
- Mr Colin Donoghue, Assistant Lecturer, Department of Civil Structural & Environmental Engineering
- Mr Adrian Gregan, Head of Department, Department of Tourism & Hospitality Studies
- Mr James Hayes, Assistant Lecturer, Crawford College of Art & Design
- Mr Trevor Hogan, Assistant Lecturer, Department of Media Communications
- Ms Mary MacSweeney-Silhanek, Assistant Lecturer, Cork School of Music
- Dr Barry O'Connor, Head of School, School of Mechanical & Process Engineering
- Dr James O'Mahony, Assistant Lecturer, Department of Biological Sciences
- Ms Caroline O'Reilly, Assistant Lecturer, Department of Accounting & Information Systems
- Dr Shane O'Rourke, Assistant Lecturer, Department of Mathematics
- Mr Patrick O'Shaughnessy, Assistant Lecturer, Department of Transport & Automobile Engineering
- Ms Valerie Renehan, Assistant Lecturer, Department of Media Communications

finance report

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.

Results

The result for the year ended 31 August 2006 was a surplus of €1.24m.   However transfers to the Restricted Reserve and the Sporting Facilities Trust resulted in an accumulated surplus of €375,000.

The financial Statements for the year ended 31 August, 2006 have been audited by the Comptroller and Auditor General and approved by him without qualification on 25 May 2007. His report is included in section 6.2.3.

Income

Income for the period was €84.2m, of which the single largest portion was the State Grant €52m (62%). Tuition Fees amounted to €11.2m (13%) of which the Department paid €7.8m as part of the Free Fee Scheme. Research and other Self Funding Activities contributed a further €5.5m (6.5%).

Capital Expenditure

Capital Expenditure for the year was €9.8m, the majority of which (€6.7m) relates to buildings in the course of construction.

Current Expenditure

The Institute's total current expenditure for the period increased by 10.8% over the previous year and now stands at €82.96m. The largest element of this was the pay bill which amounted to €58m (70%) for the year.

Research & Development

Expenditure on R&D activities is dependant on gaining funding from external agencies through competitive funding rounds. This income continues to steadily rise and increased by almost 18% over the previous year and now stands at €5.5m.

6.2   Audited Accounts

Statement on Internal Financial Control

Statement of Institute Responsibilities

Report of 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

- 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 is in the process of identifying and evaluating business risks.

Cork Institute of Technology has an internal outsourced 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 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
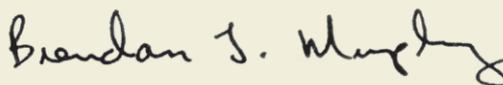
Dr Brendan J. Murphy
Director

6.2.2   Statement of Institute Responsibilities

Section 16 of the Regional Technical Colleges Act, 1992 requires the Institute to prepare financial statements in such form as may be approved by the Minister for Education and Science with the concurrence of the Minister for Finance 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 Section 16 of the Act. 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
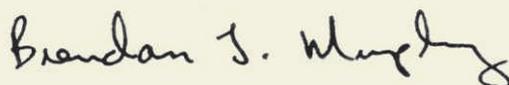
Dr Brendan J. Murphy
Director

6.2.3 Report of the Comptroller and Auditor General

I have audited the financial statements of Cork Institute of Technology for the year ended 31 August 2006 under the Regional Technical Colleges Act 1992.

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 Regional Technical Colleges Act 1992 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 which attach to State bodies 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 2006 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 Purcell
Comptroller and Auditor General

25 May 2007

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.

1. Basis of Accounting

These Financial Statements cover the year 1 September 2005 to 31 August 2006.

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 Department of Education and Science on a calendar year basis. The grant reported in the Income and Expenditure account is the amount determined by the Department 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

6.2.4   Statement of Accounting Policies

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 2006

INCOME	NOTE	2006 €000	2005 €000
State Grant Recurrent	1	52,046	48,346
Release from Capital Account		6,157	3,669
Tuition Fees	2	11,241	10,590
Research, Development and Self-Funding	3	5,492	4,666
Interest Income	4	125	218
Student Registration Charges	5	4,227	4,379
Other Income	6	4,912	4,136
		84,200	76,004

EXPENDITURE			
Academic Departments	7	51,249	48,048
Academic Support Services	8	1,345	1,261
Premises	9	6,227	5,897
Central Administration	10	10,573	9,597
General Educational Expenses	11	246	280
Student Facilities and Amenities	12	1,673	1,401
Research, Development and Self-Funding	3	5,493	4,666
Depreciation	15	6,157	3,669
	13	82,963	74,819

Operating Surplus		1,237	1,185
Transfer to Restricted Reserve		(105)	(117)
Transfer to Sporting Facilities Trust		(936)	(814)
Accumulated Surplus/(Deficit) at start of year		179	(75)
Accumulated Surplus at end of year		375	179

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 1-29
form part of the financial statements.

Signed on behalf of the Governing Body

Dr Paddy Caffrey
Chairman
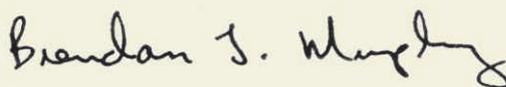
Dr Brendan J. Murphy
Director

6.2.6　Balance Sheet as at 31 August 2006

	NOTE	2006 €000	2005 €000
FIXED ASSETS			
Tangible Assets	15	**98,246**	94,656
		98,246	94,656
CURRENT ASSETS			
Debtors	16	**4,914**	6,041
Cash at bank and in hand		**11,458**	6,162
		16,372	12,203
CREDITORS			
Amounts falling due within one year	17	**13,979**	9,356
NET CURRENT ASSETS		**2,393**	2,847
TOTAL ASSETS LESS CURRENT LIABILITIES		100,639	97,503
Amounts falling due after more than one year		-	-
NET ASSETS		**100,639**	97,503
Represented by			
RESERVES			
Capital Account	18	**98,246**	94,656
Income and Expenditure Account		**375**	179
		98,621	94,835
Restricted Reserve	19	**1,202**	1,248
Sporting Facilities Trust	20	**816**	1,420
		100,639	97,503

The Statement of Accounting policies and Notes 1-29 form part of the financial statements.

Signed on behalf of the Governing Body

Dr Paddy Caffrey
Chairman
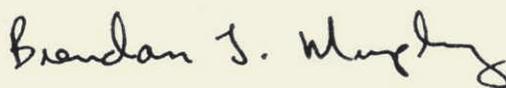
Dr Brendan J. Murphy
Director

6.2.7   Cashflow Statement for the year ended 31 August 2006

	NOTE	2006	2005
OPERATIONS		€000	€000
Cash received from:			
State grants for recurrent expenditure		**52,656**	47,835
Superannuation		**3,451**	3,087
Tuition fees		**12,296**	10,579
Research, Development and Self Funding		**6,699**	4,190
Interest Income		**82**	90
Other Income		**4,560**	3,846
		79,744	69,627
Cash payments to and on behalf of employees		**(58,391)**	(54,325)
Cash payments to suppliers		**(11,119)**	(12,977)
Other Cash payments		**(6,970)**	(7,779)
NET CASH INFLOW / (OUTFLOW) FROM OPERATIONS		**3,264**	(5,454)
CAPITAL EXPENDITURE			
Grants received - State grants for capital expenditure		**6,095**	15,430
- Allocation from State grant for Recurrent expenditure		**2,449**	1,710
- Other		**3,437**	5,401
Payments to acquire tangible fixed assets		**(10,937)**	(20,097)
NET CASH INFLOW FROM CAPITAL EXPENDITURE		**1,044**	2,444
NET CASH INFLOW/(OUTFLOW) BEFORE STUDENT GRANTS AND FINANCE LEASES		**4,308**	(3,010)
NET CASH INFLOW / (OUTFLOW) FROM STUDENT GRANTS MANAGEMENT OF LIQUID RESOURCES:	22	**988**	(244)
- SHORT TERM DEPOSITS		**(5,853)**	3,397
(DECREASE) /INCREASE IN CASH	21	**(557)**	143

The Statement of Accounting policies and Notes 1-29 form part of the financial statements.

Signed on behalf of the Governing Body

Dr Paddy Caffrey
Chairman

Dr Brendan J. Murphy
Director

6.2.8   Notes to the Financial Statements

1. State Grant

	Allocated for recurrent expenditure	Allocated for capital expenditure	Total
	€000	€000	€000
State grant for recurrent expenditure	50,682	2,449	53,131
State grant for capital expenditure	1,069	3,379	4,448
State grant for minor capital works	295	584	879
	52,046	6,412	58,458

In addition to the above, amounts of €264,598 and €100,559 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

	2006	2005
	€000	€000
Full-time students (6,053 whole time equivalents)	8,692	8,301
Part-time students (2,219 whole time equivalents)	2,549	2,289
	11,241	10,590

The Department of Education and Science paid tuition fees in the year of €3,298m for full time degree courses and €4,487m for certain diploma and certificate courses, the total costs of which are part funded by the ESF.

3. Research, Development and Self Funding

Income		
Income	7,539	6,948
Transfer to Capital Account	(2,047)	(2,282)
	5,492	4,666
Staff Costs		
Teaching	354	182
Technical	3	5
Administration, Executive & Secretarial	342	197
Premises Maintenance	32	-
Library	13	11
Examinations	157	28
Research	936	780
Student Services Pay	87	32
General Staff	78	80
	2,002	1,315

6.2.8 Notes to the Financial Statements

3. Expenditure

	2006 €000	2005 €000
Materials & Other Consumables	339	358
Library Materials	40	-
Computer Costs	109	120
General Education	1,046	1,118
Services to Students	6	4
Research Costs	(314)	406
Equipment	128	1
Premises Costs	251	144
Travel & Subsistence	371	502
Personnel Costs	169	222
Professional fees	982	282
Communications	175	12
Stationery & Office Materials	140	127
General Advertising & Publicity	37	32
Finance Costs	6	10
Other	6	13
	3,491	3,351
Total Expenditure	5,493	4,666

4. Interest Income

	2006	2005
Income from Deposits	125	218
	125	218

5. Student Registration Charges

	2006	2005
Registration	4,720	4,641
Interest Income	7	9
Other Income	2	22
	4,729	4,672
Transfer to Self Funding		
To fund student service registration costs	(86)	(99)
To fund student retention programmes	(63)	(72)
To fund examination costs	(147)	-
To fund miscellaneous costs	(37)	(60)
	(333)	(231)
Transfer to Capital Account	(169)	(62)
	4,227	4,379
Student Registration Charges	4,720	4,641
Interest and Other Income	9	31
	4,729	4,672
Applied as:		
Expended on Student Facilities and Amenities (Note 12)	1,673	1,401
Transfer to Self Funding	333	231
Transfer to Capital (Note 18)	169	62
Retained to fund general recurrent expenditure	2,204	2,224
Transfer to Sporting Facilities Reserve	350	754
Transfer to Restricted Reserve	-	-
	4,729	4,672

6.2.8   Notes to the Financial Statements

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

	2006 €000	2005 €000
Hardship Funding	248	374
Disabilities Funding	81	61
Transfer to / (from) Capital Account	(6)	12
	323	447
Superannuation	3,450	3,087
Other Income	1,137	600
Fixed Asset disposals	2	2
	4,912	4,136

7. Academic Departments

Staff

Teaching	41,013	38,868
Technical	4,098	3,441
Administration, Executive, Secretarial	1,448	1,188
Library Staff	90	88
Premises Maintenance	986	925
Examinations	255	380
Research	28	27
Students Services Pay	28	20
General Staff	102	64
	48,048	45,001

Material and Services

Materials & Other Consumables	1,506	1,718
Library Materials	155	148
Computer Costs	138	107
General Education	14	11
Equipment	36	54
Premises Costs	328	245
Travel & Subsistence	243	229
Personnel Costs	150	89
Professional Fees	30	10
Communications	53	23
Stationery & Office Materials	403	329
General Advertising & Publicity	112	54
Finance Costs	10	12
Other	23	18
	3,201	3,047
Total Expenditure	51,249	48,048

6.2.8 Notes to the Financial Statements

8. Academic Support Services

	2006 €000	2005 €000
Library Staff	744	758
Materials & Other Consumables	4	2
Library Materials	76	31
Computer Costs	6	4
Premises Costs	2	9
Personnel	-	1
Stationery & Office Materials	26	55
	858	860
Computer Services:		
Teaching	4	-
Technical	185	205
Administration, Executive, Secretarial	135	124
General Staff	6	23
Materials & Other Consumables	20	16
Computer Costs	107	23
Premises Costs	1	2
Travel & Subsistence	5	3
Personnel Costs	11	2
Professional Fees	10	-
Stationery & Office Materials	3	3
	487	401
Total Expenditure	1,345	1,261

9. Premises

	2006	2005
Staff		
Teaching	113	135
Technical	86	54
Administration, Executive, Secretarial	236	187
Premises Maintenance	1,348	1,202
	1,783	1,578
Material and Services		
Materials & Other Consumables	131	52
Computer Costs	23	3
General Education	6	3
Equipment	31	10
Premises Costs	3,985	3,827
Travel & Subsistence	2	6
Personnel Costs	5	9
Professional Fees	201	205
Communications	45	75
Stationery & Office Materials	14	4
General Advertising & Publicity	1	2
Insurance	-	123
	4,444	4,319
Total Expenditure	6,227	5,897

6.2.8   Notes to the Financial Statements

10. Central Administration

	2006 **€000**	2005 €000
Staff		
Teaching	**693**	438
Technical	**(17)**	173
Administration, Executive, Secretarial	**3,239**	2,956
Premises Maintenance	**2**	59
Research	**4**	77
Student Services	**207**	263
General Staff	**28**	26
	4,156	3,992
Material and Services		
Materials & Other Consumables	**148**	101
Library Materials	**45**	(1)
Computer Costs	**237**	171
Services to Students	**401**	375
Equipment	**35**	28
Premises Costs	**908**	822
Travel & Subsistence	**253**	309
Personnel Costs	**563**	362
Professional Fees	**763**	565
C & AG Audit Fee	**39**	20
Communications	**280**	262
Stationery & Office Materials	**347**	287
General Advertising & Publicity	**318**	174
Insurance	**384**	270
Finance Costs	**8**	12
Other	**5**	8
National Networking	**1,683**	1,840
	6,417	5,605
Total Expenditure	**10,573**	9,597

11. General Educational Expenses

	2006	2005
Staff		
Examinations	**111**	144
Material and Services		
General Education	**135**	136
	246	280

6.2.8 Notes to the Financial Statements

12. Student Facilities and Amenities

	2006	2005
	€000	€000
Staff		
Teaching	**6**	5
Administration, Executive, Secretarial	**118**	38
Premises Maintenance	**11**	-
Student Services	**672**	466
General Staff	**19**	6
	826	515
Material and Services		
Materials & Other Consumables	**32**	40
Computer Costs	**16**	16
General Education	**31**	23
Services to Students	**294**	491
Equipment	**-**	1
Premises costs	**133**	42
Travel & Subsistence	**23**	22
Personnel Costs	**19**	32
Professional Fees	**248**	148
Communications	**8**	2
Stationery & Office Materials	**23**	43
General Advertising & Publicity	**-**	3
Insurance	**20**	23
	847	886
Total Expenditure	**1,673**	1,401

13. Summary of Expenditure

	2006	2005
Pay	**58,000**	53,655
Non Pay	**18,806**	17,495
Depreciation	**6,157**	3,669
	82,963	74,819

14. Taxation

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

6.2.8 Notes to the Financial Statements

15. Tangible Fixed Assets

	Total	Land and Buildings	In Course of Construction	Fixtures & Fittings	Furniture & Equipment	Motor Vehicles
	€000	€000	€000	€000	€000	€000
Cost or valuation						
Beginning of year	139,518	74,530	31,692	2,608	30,369	319
Additions	**9,790**	**108**	**6,678**	**306**	**2,690**	**8**
Disposals	**(1,645)**	**-**	**-**	**-**	**(1,645)**	**-**
End of year	**147,663**	**74,638**	**38,370**	**2,914**	**31,414**	**327**
Depreciation						
Beginning of year	44,862	18,218	-	1,143	25,296	205
Disposals	**(1,602)**	**-**	**-**	**-**	**(1,602)**	**-**
Charge for year	**6,157**	**3,563**	**-**	**269**	**2,291**	**34**
End of year	**49,417**	**21,781**	**-**	**1,412**	**25,985**	**239**
Net Book Value						
End of year	**98,246**	**52,857**	**38,370**	**1,502**	**5,429**	**88**
Beginning of year	94,656	56,312	31,692	1,465	5,073	114

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 €1,456,764.33 which have been fully depreciated.

6.2.8　Notes to the Financial Statements

	2006 €000	2005 €000
16. Debtors		
TLT student maintenance grants (Note 22)	**-**	988
Research, Development and Self Funding – debtors	**2,633**	3,345
State grant for capital expenditure	**663**	-
Other debtors	**1,233**	1,161
Prepayments and accrued income	**385**	547
	4,914	6,041
17. Creditors		
Amounts falling due within one year		
Trade creditors	**412**	175
State grant for recurrent expenditure – deferred income	**610**	-
State grant for capital expenditure – deferred income	**3,102**	248
Research, Development and Self Funding – deferred income	**4,102**	3,799
Creditors and Accruals	**5,753**	5,134
	13,979	9,356
18. Capital account		
Balance 1 September	**94,656**	78,667
Movement during year:		
Capital Grants Receivable		
State Capital Grant	**3,379**	12,371
Allocated from State Recurrent Grant	**2,449**	1,710
Registration	**169**	62
Research, Development and Self Funding	**2,047**	2,282
Disability Funding	**11**	(12)
Hardship Funding	**(5)**	-
Other	**584**	-
Transfer from Sporting Facilities Reserve	**1,065**	507
Transfer from Restricted Reserve	**91**	2,766
	104,446	98,353
Release to Income		
Amortisation in line with asset depreciation	**(6,157)**	(3,669)
Amount released on disposal of Fixed Assets	**(43)**	(28)
Balance at 31 August	**98,246**	94,656
19. Restricted Reserve		
Balance 1 September	**1,248**	3,897
Transfer from Income and Expenditure Account	**92**	117
Transfer to Expenditure	**(47)**	-
Transfer to Capital Account	**(91)**	(2,766)
Balance 31 August	**1,202**	1,248

The balance at 31 August of €1.202m represents funds set aside for Student Facilities.

6.2.8   Notes to the Financial Statements

	2006 €000	2005 €000
20. Sporting Facilities Trust		
Balance 1 September	**1,420**	1,113
Transfer from Income and Expenditure Account	**461**	814
Transfer to Capital Account	**(1,065)**	(507)
Balance 31 August	**816**	1,420

21. Amounts in Cashflow Statement

Amounts included in the cash flow statement are reconciled or analysed as follows:

Net cash (outflow)/Inflow from operations

	2006	2005
Operating surplus	**1,237**	1,185
Transfer to Restricted Reserve	**(105)**	(117)
Transfer to Sporting Facilities	**(936)**	(814)
Student Grants	**(988)**	244
Net cashflow from Capital Additions	**(1,044)**	(2,444)
Decrease in Debtors	**1,127**	56
Increase / (Decrease) in short term Creditors	**4,623**	(1,222)
Decrease in Restricted Reserve	**(46)**	(2,649)
(Decrease) / Increase in Sporting Facilities Trust Reserve	**(604)**	307
	3,264	(5,454)

Reconciliation of net cashflow to movement in net funds

	2006	2005
(Decrease) / Increase in cash in the period	**(557)**	143
Increase in liquid resources	**5,853**	(3,397)
Changes in net funds	**5,296**	(3,254)
Net funds at start of year	**6,162**	9,416
Net funds at end of year	**11,458**	6,162
	5,296	(3,254)

Analysis of changes in net funds

	At 1 September	Cashflow	At 31 August
Cash and Bank balances	5,236	(557)	4,679
Short term deposits	926	5,853	6,779
Total	6,162	5,296	11,458

6.2.8   Notes to the Financial Statements

	2006	2005
	€000	€000
22. TLT Student Maintenance Grants		
Balance at 1 September	**(988)**	(744)
Receipts during year	**4,774**	3,493
Payments during year	**3,786**	3,737
Balance at 31 August	**-**	(988)

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

23. Employees

The average number of staff employed by the Institute for the year ended 31 August 2006 was 1,215 (2005: 1,197).

24. 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 shared 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.

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 retained loss for the year of €1,202 while net assets for the year amounted to €20,567.

25. 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 €214,118 at 31 August 2006, 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 2006 are as follows:

	€
Income	2,941,313
Expenditure	2,924,985
Surplus	16,328
Net Assets	358,786

6.2.8   Notes to the Financial Statements

26. 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.

27. 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 €227,014 was provided by the Department of Education and Science to cover the utility costs of the NMCI for the year ended 31 August 2006.

28. Post Balance Sheet Event

A final account has been submitted by the Contractor in respect of the construction of the Student Centre and Administration Building claiming a balance due in the sum of €11,779,705.25. This includes claims for extension of time, disruption and variations up to 22 June 2005. The claims have been disputed and the final account has not been agreed. The Contractor has sought to resolve the claims within the Dispute Resolution procedures under the contract, and has referred the dispute to conciliation.   A Conciliator was appointed by agreement on 3 November 2006 and the conciliation process is currently ongoing.

29. Approval of Financial Statements

The financial statements were approved by the Governing Body on 3 May 2007.

other information

7.1 News & Events

1. The relaunch of the CIT Graduates' Association as the CIT Alumni Association took place in the National Maritime College of Ireland on 5 September 2005.

2. 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.

3. A meeting between CIT, Teagasc and Clonakilty Agricultural College was held on 23 September 2005. The purpose of the meeting was to examine the potential for progression/transfer from FETAC courses along lines similar to Kildalton/WIT arrangement.

4. On 13 October 2005, the CIT Strategic Plan was formally launched. The essence of the Strategic Plan may be summed up in the Institute's new 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." The Strategic Plan contains the stepping stones to achieving this vision of an open and diverse institution which has a reputation, nationally and internationally, for the provision of high quality career focused education.

5. The Minister for Education and Science, Ms Mary Hanafin T.D. announced that the Department of Education and Science had agreed the contract for CIT's new Cork School of Music (CSM) Public Private Partnership project. The capital cost of the project is €60.2m.

   Under the PPP model, the new School of Music will be designed, built, financed and operated for twenty-five years by Hochtief Development Ltd. The new building is designed to provide the staff and students with a high quality purpose built facility that meets the needs of a modern School of Music and provides managed and suitable accommodation that brings all of the Schools activities together into one location. Facilities include specialised tuition rooms, lecture rooms, rehearsal hall, recording studio, drama suite and library. Prior to this project being launched the CSM operated from seventeen different locations around Cork city.

6. In September 2005, a well attended International Workshop on Maritime Security and Crisis Management was held in the National Maritime College of Ireland. The event was organised as part of CIMET – an EU project which provides for co-operation in the form of student and lecturer exchange between Nautical Colleges from the EU and Canada.

7. Under the successful Visiting Speakers Series, Mr John Lonergan, Governor of Mountjoy Prison spoke to both staff and students of the Institute and practitioners in the social area field on the roots of crime in social deprivation and what were the appropriate policy responses in this area. This took place on 4 October 2005 in the Institute Theatre.

8. The Director welcomed qualified Certified Accountants from the Cork region to the Institute on 11 October 2005 who were undertaking a 10 week course on International Accounting Standards. There was a growing need for them to be familiar with the Standards in order to implement them in their companies and for those in practice to assist their clients in the implementation.

9. A successful 5th Annual IT & T Conference took place from 26 to 27 October 2005 in the National Maritime College of Ireland. Keynote speakers this year included Lawrence Cowsar, CEO, Bell Labs and Tim Stone, Cisco Systems Europe.

10. Mr Anders Hanberg Sorensen, Director of the Marine Engineers College of the University College of Aarhus visited the National Maritime College of Ireland on 26 and 27 October, 2005. He was accompanied by two Assistant Professors. The purpose of the visit was to establish co-operation linkages with the NMCI and possible student exchange.

11. The launch of "Arts Fest" took place on 2 November 2005 in the Exhibition Gallery, 1st Floor, Student Centre.

12. Science Week took place in the Institute from 11 to 20 November 2005. Now in its ninth year, Science Week encourages participants to take a greater interest in science, technology and engineering through creative events that are designed to awaken curiosity, encourage learning and above all, make science an exciting experience.

13. The "Working Places, Learning Spaces" Conference organised by the DEIS Department of CIT took place on 25 November 2005 in the Clarion Hotel, Cork from 10.00 am to 5.00 pm. Keynote speakers included Peter Cassells, Chairperson of the National Centre for Partnership and Performance and Dr Desmond Keegan well-known author in the distance education and e-learning field.

14. The National Education and Careers Focus Magazine "Education" had chosen to devote the Front Page Cover and Two Page Leading Article in its current published issued (Volume 18 Issue 3) to the remarkable International and National Achievements in Innovation and Design of Mechanical Engineering Degree students at Cork Institute of Technology.

15. A draft proposal outlining a proposal for the establishment of a Centre of Architectural Education in the City of Cork has been completed. This is a collaborative venture between Cork Institute of Technology and University College Cork.

16. On 11 December 2005, Minister Mary Hanafin gave approval for 35 major construction projects for Third Level Education. In the case of CIT, two projects will be funded, namely (a) Library Phase 2 (a PPP project) and (b) CCAD (traditionally procured project).

17. The Department of Chemical & Process Engineering was awarded accreditation at MEng level to its BEng (Hons) degree by the Institution of Chemical Engineers (IChemE). IChemE is an international professional body, and it accredits degress at two levels, MEng and BEng (Hons). This places the CIT's course on a par with that offered by University College Dublin, the only other chemical and/or process engineering degree in this country to have achieved MEng level accreditation.

18. A new innovative programme to tackle educational disadvantage was launched by the Access to Education – Bridge to Employment Partnership Committee in the National Maritime College of Ireland in January 2006. The partnership consists of Cork Institute of Technology, University College Cork, the Johnson and Johnson companies based in Cork, Business in the Community, Cork City Partnership, Junior Achievement and three second level schools in Cork. The pilot programme is aimed at encouraging and assisting students from socially disadvantaged areas in Cork city to stay in school and progress to third level education with a particular reference to Science and Technology.

19. The term of office of Cllr Donal O'Rourke as Chairman of the Institute's Governing Body ended on 6 February 2006. Donal was the first Chairman and served a total of thirteen years from January 1993. Throughout this time he chaired meetings with a light but firm hand, focussing on the substance of issues, was ever patient in seeking and achieving consensus while covering the agenda, and always leading the Governing Body and the Institute forward.

    His legacy is both physical in the greater extent of the Campus and the splendid new landmark buildings that now adorn the front of the Institute. We believe the success of the Institute in developing as a leader and innovator in Irish technological education would rank high in his achievements.

    We wish to thank Donal for his 13 years unstinting service to Cork Institute of Technology and for playing a major role in making it the pre-eminent institution it is today in Ireland's technological sector of third-level education.

20. The National Maritime College of Ireland held its first Conferring Ceremony on 10 February 2006 in the NMCI.

21. Professor Robin Smith, an expert in the field of higher education policy, vocational higher education, quality assurance and curriculum development visited the Institute from 21 to 24 February 2006 and met with Senior Staff in relation to CIT's implementation of Modularisation and Semesterisation.

    Following an extensive debate in Academic Council, the Governing Body of Cork Institute of Technology initiated the move to Credit Based Modular Programmes (CBMP) during the academic year 2005/06. The plan is to register all first year students onto Credit Based Modular Programmes in September 2007 and all other students in September 2008.

    The aim is to develop academic modules and programmes within CIT that will be of high quality while being student-centred and have clarity of structure, which is easily understood both by the student and the wider community.

22. Professor John Archer, President of the Institution of Chemical Engineers visited the Institute on 23 February 2006 and spoke to the students in the Department of Chemical & Process Engineering. His research field is petroleum reservoir engineering, in particular the multiphase flow of complex fluids in porous media.

23. Approximately 450 second-level school children and their teachers attended the IEE Faraday Lecture which was held on 1 March, 2006. They were given an introduction to Engineering as a career, followed by a very professional and entertaining show on the impact that we are having on the climate of the planet, and opportunities for "technology to save the planet." They were also given an opportunity to interact with a number of experiments. The event was a huge success.

24. The Minister for Education and Science, Ms Mary Hanafin, T.D., appointed Dr Paddy Caffrey, former President of Engineers Ireland as Chairperson of the Governing Body of Cork Institute of Technology with effect from 13 March 2006 for a period of five years.

25. Crawford College of Art & Design's Annual Adult Education Exhibition took place from 28 March to 1 April 2006. It show-cased an extensive range of work produced by students who had attended the various night courses at the College.

National Maritime College of Ireland

26. On 30 March 2006, Minister for Education and Science, Ms Mary Hanafin, T.D., officially opened the National Maritime College of Ireland (NMCI) at Ringaskiddy, Co. Cork. The NMCI is a constituent college of CIT in partnership with the Irish Naval Service and Focus Education. The €52m College was constructed and is maintained by Focus Education Ltd as a Public Private Partnership (PPP). The facility has many state-of-the-art facilities for the extensive range of courses on offer.

27. The Director accepted an invitation from Engineers Ireland, Cork Region to attend the Presidential Address and the Conferring of the Institution Titles at a ceremony held in Rochestown Park Hotel on 4 April 2006. The ceremony included the presentation of Annual Awards to graduates from each of the Engineering Departments of both Cork Institute of Technology and University College Cork.

28. The International Students Society at CIT won the "Best Society of the Year Award" at the National Board of Irish Colleges Societies Awards Ceremony held at the Rochestown Park Hotel on 13 April 2006. The 2006 ceremony, hosted by CIT, was a resounding success and attended by staff and students from Colleges and Universities throughout the country.

29. The Chairman of the Editorial Board, Mr Pierce Martin and the Editor of the Engineers Journal of Ireland, Mr Bernard Potter visited the Institute on 25 April 2006. They met with the Director and Researchers in the Institute. They found the day and the exchanges very stimulating and to be of high quality. They came away with ideas and material for a series of features over time on CIT research initiatives in The Engineers Journal. They were impressed with the calibre of research students they met and in particular their ability to outline the projects they are working on so succinctly and professionally.

30. Cork Institute of Technology was successful in obtaining three top-level research internships with Cisco. Mr Michael Galvin, Managing Director of Cisco said there was an excellent response, in particular from CIT and the University of Ulster at Coleraine, where it already had good connections with lecturers

Aidan McDonald, Department of Computing, CIT and Prof Gerard Parr at Coleraine. The two Institutes received the largest allocation of internship places at three each. The students in receipt of the internships will spend four months within the research and development sections of Cisco's business units and will work directly on research projects. They will receive a salary and Cisco will help them find accommodation in the Silicon Valley for the summer.

31. "Challenge Science" Cork took place from 2 May to 4 May 2006 at the National Maritime College of Ireland. This was a nationwide science roadshow where 1,200 young people aged 12-14 years became forensic scientists, food nutritionists, astronauts and biotechnologists for a day.

Charlie Devlin, past pupil; and Erica Bonner, 2nd Year Engineering students; at 80 & 20 years, the oldest and youngest students during a visit to the National Maritime College of Ireland for the celebration of 50 Years of Marine Engineering in Cork.

32. To mark 50 unbroken years of Marine Engineering Education in Cork, the National Maritime College of Ireland organised a reunion of all past Mariners and friends to mark and celebrate this unique occasion. The proceedings included an informal get together at the Rochestown Park Hotel, Cork on 5 May 2006. On 6 May 2006 there was a guided tour of the new National Maritime College of Ireland , a "Glance at the Past" exhibition followed by a reunion dinner at the Rochestown Park Hotel that evening.

33. The 6th Annual CIT Post-Graduate Research Forum took place in CIT on 10 May 2006. Since its inception, the Forum has grown from strength to strength. It has proven to be an ideal platform for practitioners to present their work to their peers and has shown itself to be a very useful tool for perfection of presentation skills.

34. The Lord Mayor of Cork, Cllr Deirdre Clune, launched the new Cork Colleges Progression Scheme at Cork Institute of Technology on 13 May 2006 in the Tourism & Hospitality Building. This new scheme, is intended to expand and formalise linkages, and will be additional to the existing National LINKS scheme via the CAO. It involves making formal agreements between each Department at CIT and each Department or course in the Further Education

Colleges, to reserve fixed numbers and places in CIT for the students of FE Colleges. The work to define the linkages and the required standards of entry to CIT will be ongoing.

35. CIT hosted a visit by senior management of the Selandia College of Denmark on 22 May 2006. Selandia is essentially a very large college which provides education and training at upper secondary level and at post-secondary level. Courses are delivered in the technical, business, management and apprenticeship sectors. The group were interested in CIT's management structure, finances and apprenticeship.

36. CIT hosted a visit by Mr Maurice Doran, of the Skills Initiative Unit of the Department of Education and Science, on 29 May 2006. Mr Doran advises Department of Education and Science on all matters pertaining to the designated trades in the Institutes. Mr Doran met the Director and discussed relevant issues regarding apprenticeship in CIT, including the sanctioning by Department of Education and Science of the recent proposal by this Institute to expand its provision in plumbing classes. Subsequently, Mr Doran was given a tour of the new buildings at the Bishopstown Campus and of the National Maritime College of Ireland.

Second from left: Mrs Kathleen Roche with a portrait of her late husband, Mr James P. Roche, former Principal of Cork Institute of Technology. Also in picture – left to right – Mr Jim Roche (son), Dr Brendan J. Murphy, Director, Cork Institute of Technology and Dr Paddy Caffrey, Chairman of Governing Body.

Second from right: Dr Patrick Kelleher with his portrait. Also in picture – left to right – Dr Brendan J. Murphy, Director, Cork Institute of Technology, Mrs Sheila Kelleher, and Dr Paddy Caffrey, Chairman of Governing Body.

Second from right: Cllr Donal O'Rourke with his portrait. Also in picture – left to right – Dr Brendan J. Murphy, Director, Cork Institute of Technology, Mrs Catherine O'Rourke, and Dr Paddy Caffrey, Chairman of Governing Body.

37. The Institute hosted an "Unveiling of Portraits Ceremony" on 1 June 2006 in the Council Room, Administration Building in honour of the late former Principal and former Director of Cork Institute of Technology and the former Chairman of the Governing Body.
• Mr James P Roche, former Principal from 1974 to 1988, Cork Institute of Technology
• Dr Patrick Kelleher, former Director from 1988 to 2004, Cork Institute of Technology
• Cllr Donal O'Rourke, former Chairman from 1993 to 2006, Cork Institute of Technology

Left to right: Dr Brendan J. Murphy, Director, Cork Institute of Technology, Cllr Donal O'Rourke, former Chairman, Governing Body, Dr Paddy Caffrey, Chairman, Governing Body and Mrs Catherine O'Rourke.

Left to right: Dr Paddy Caffrey, Chairman, Governing Body, Dr Patrick Kelleher, former Director, Cork Institute of Technology, Cllr Donal O'Rourke, former Chairman, Governing Body and Dr Brendan J. Murphy, Director, Cork Institute of Technology.

38. The Institute held a function on 1 June 2006 in the new Tourism & Hospitality Building to mark the term of office of the Chairman of Governing Body, Cllr Donal O'Rourke.

39. A visit by the President and a number of staff to the University of Applied Science in Darmstadt (Hochschule Darmstadt) took place from 8 June to 10 June 2006. The purpose of the visit was to attend the formal signing of the Joint Award Agreement for the BA Multi-Media course between the Hochschule Darmstadt and CIT.

40. CIT hosted a visit by 38 teachers and administrative staff, including the Principal and Deputy Principal from Jarfaala School in Sweden on 12 June 2006. Jarfalaa is a large upper secondary school which prepares students for entry to university and apprenticeships. The group were interested in the management structure of CIT and both full-time and apprenticeship courses.

41. Mr Allan McMullen, President of the Chartered Institute of Building visited CIT on 12 June 2006 where he received a presentation from the Director, Dr Brendan Murphy. The presentation, to mark Mr McMullen's successful year as President, took place at a reception held in the Institute's Council Room.

    Mr McMullen is the second Irish person to hold the Office of President in the 160 year history of the CIOB. The reception took place in the company of members and office holders of the local branch of the CIOB, together with CIT staff. The visit was arranged by the Local Branch Chair, Mr Roger Crowley to acknowledge the recent developments in Construction Management Education at CIT; namely the provision of a BSc Honours Degree in Construction Management.

    Following the presentation, discussions took place to further strengthen links between the Chartered Institute of Building and Cork Institute of Technology. CIT has a long history of association with the CIOB, with students achieving world class distinction in the CIOB professional examinations, which have now been replaced by its own Honours Degree in Construction Management.

42. The Institute held its first Examination Board Meeting in relation to Research Masters and PhDs on 19 June 2006.

43. The CIT Alumni Association hosted a relaunch of the New York branch of the CIT Alumni Association on 19 June 2006 in Langans, located on 47th and 7th Avenue, New York.

44. From June 20 to 22, the Department of Electronic Engineering, CIT, played host to a group of bright, young students with a curiosity matched only by their enthusiasm. The students attended the pilot run of Summer Live – Electronics, a course aimed at teaching second level students the basic principles of electricity and electronics in an interactive environment. The course proved a huge success as students who attended the three day event learned a variety of new skills from how to solder and build their own electronic circuits to using computer simulation packages to model those circuits. In addition to new skills, students also learned basic electricity and electronics principles and practical report writing techniques relevant to their future exams.

45. A visit by The Association of Northern Ireland Colleges Marketing Managers Group took place on 26 June 2006. They met with the Director and some members of the Institute Executive Board.

46. The Director of CIT and the President of UCC met with the RIAI delegation on 28 June 2006 in UCC. This was an important visit for the new Centre for Architectural Education and for the joint BSc degree course.

47. CIT hosted a summer exhibition entitled "Chaos & Creation" in the James Barry Exhibition Centre, CIT from 10 to 26 July 2006. The exhibition featured a solo debut of new paintings by Sharon McCarthy, a young up-coming artist who graduated from the Crawford College of Art & Design in 2005. The exhibition was officially opened by Damien Coyle, Artist and Director of Speechmatters.

48. The Rt. Hon. Lord Mayor of Cork, Cllr Michael Ahern launched the Continuing Education Prospectus for 2006/07 in CIT on 21 August 2006.

7.2   Graduates' Association

Cork Institute of Technology relaunched its Graduates' Association as the
CIT Alumni Association on 5 September 2005 at the National Maritime College of
Ireland, Ringaskiddy.

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
- a unique affinity credit card
- assistance in organising reunions
- discounts for services
- the Learning City Magazine
- general information about careers, interview skills and CV development for
  recent graduates (for 1st year out graduates)
- access to CIT facilities (including library membership)
- invitations to various events
- access to worldwide and regional branches of the Association

The responsibilities of CIT towards its students go beyond the delivery of academic
programmes and it is part of the Institute's Strategic Plan to forge closer links
with its Alumni. The immediate aim of the CIT Alumni Association is to establish a
strong relationship with graduates.

An Alumni Association Committee has been established which consists of
graduates and staff who have dedicated themselves to serve on the CITAA
Committee for a 2-year period to advise the Association and the Institute on how
to best engage with our Alumni and to further develop the Association.

Events/Reunions

1985 Electronic Engineering – 20-year Reunion

Graduates from the **1985 Electronic Engineering** Class celebrated their **20-year
reunion** in Brookfield Hotel on 8 October 2005. The reunion commenced with a
dinner followed by drinks at the bar. Classmates travelled to Cork from various
parts of Europe. A great evening was had by all.

7.3 Contact Points

CORK INSTITUTE OF TECHNOLOGY
Web: www.cit.ie

BISHOPSTOWN CAMPUS

Address Bishopstown, Cork

Telephone (021) 4326100

Fax (021) 4545343

CORK SCHOOL OF MUSIC

Address Union Quay, Cork

Telephone (021) 4270076

Fax (021) 4276595

CRAWFORD COLLEGE OF ART & DESIGN

Address Sharman Crawford Street, Cork

Telephone (021) 4966777

Fax (021) 4962267

NATIONAL MARITIME COLLEGE OF IRELAND

Address Ringaskiddy, Co Cork

Telephone (021) 4970600

Fax (021) 4970601

Web www.nmci.ie