

Annual Report

05 - 06

DKIT
Dundalk Institute of Technology

ANNUAL REPORT

September **2005**

- August **2006**

DUNDALK INSTITUTE OF TECHNOLOGY

ANNUAL REPORT

2005 - 2006

SECTION **1**

Introduction

Chairperson's Statement

Dundalk Institute of Technology is the only higher education institute in the northeast of Ireland. Since its foundation in 1971, it has developed an outstanding reputation for producing high quality graduates who have made a significant contribution to the economic, social and cultural development of the region and the country. The Institute is highly regarded for its responsive approach to the needs of the industry in the region and has developed a portfolio of programmes from Level Six (Higher Certificate) to Level Nine (Masters) that meets this demand. Through the Regional Development Centre, the Institute also provides direct support to enterprises through the Enterprise Platform Programme, the Novation programme and its incubation facilities. The Institute now also has an active research programme that both informs learning and provides commercialisation spin off opportunities.

The Governing Body of the Institute ensures that good corporate governance practice, policy and procedures appropriate to a public organisation are in place. The Governing Body also provides oversight ensuring that the Institute continues to operate to the expectations of a broad range of stakeholders, including government, students, staff, employers and state agencies.

I was appointed as Chairperson of the Governing Body by the Minister for Education and Science, and with the resignation of the Institute Director, Dr. Tom Collins, Mr. Denis Cummins was appointed Acting Director in January 2006.

There were also significant changes in the senior staffing of the Institute during this year, with the retirements of two of the longest serving Heads of School in Business and Engineering. The Institute also continued to expand the range of programmes offered and introduced the MSc in Renewable Energy, the BA (Hons) in Social Care and the Executive MBA.

Joanna Gardiner

Chairperson
Governing Body



Director's Statement

I am pleased to introduce the Annual Report for Dundalk Institute of Technology for 2005/06.

A major development that will impact on the entire Institute of Technology sector occurred this year with the enactment of the Institutes of Technology Bill 2006. The main outcome of this Bill is the transfer of functions relating to the Institutes, from the Department of Education to the Higher Education Authority.

During the year the Governing Body also adopted the second major strategic plan for the Institute for the period 2006-2011. This plan was devised following a lengthy period of consultations with all stakeholders and having consideration of local and national priorities as identified in the National Development Plan, the Strategy for Science Technology and Innovation and the National Spatial Strategy.

The Academic year 2005/06 was also one which saw major infrastructural development on the campus, with the completion of the restaurant block and the student accommodation block and the installation of the wind turbine. It is worth noting that the wind turbine is the only one on a third-level campus anywhere and will help the Institute make significant savings in its energy costs.

Denis Cummins, MSc.

Acting Director



DkIT's Mission Statement

Dundalk Institute of Technology's mission is to provide the community with quality third-level education and services, relevant to the economic, social and cultural development of the region in the national and international context.

The Institute aims to promote personal responsibility among all its students and enhance the professionalism of all its members in a supportive, inclusive and productive environment.

DUNDALK INSTITUTE OF TECHNOLOGY

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SECTION **2**

Governance

2.1 Governing Body - Members as at 2006

Title	Representing:
Ms. Joanna Gardiner	Chairperson DkIT
Mr. Denis Cummins	Acting Director DkIT
Mr. Niall Callery	Student Representative (from Oct' 06)
Cllr. Jenny D'Arcy	Co. Meath VEC (resigned June' 06)
Cllr. Jim D'Arcy	Co. Louth VEC
Mr. Ger Finn	Institute of Engineers of Ireland
Ms. Kellie Keegan	Student Representative (to Sept' 06)
Cllr. Clifford Kelly	Co. Cavan VEC
Ms. Mary Kennedy	Academic Staff Member
Dr. Niamh Keon	Enterprise Ireland
Mr. Eamon Kinch	Co. Louth VEC
Mr. Liam McCallion	Dundalk Chamber of Commerce
Mr. Patrick McCormick	Academic Staff Member
Mr. Brendan McCoy	Non-Academic Staff Member
Mr. Owen McKeown	Student Representative (to Sept' 06)
Mr. Frank O'Brien	ICTU Nominee
Ms. Maria O'Brien-Campbell	Co. Louth VEC
Mrs. Jennifer O'Rourke	North East Branch of Guidance Counsellors
Ms. Martha Williams	Co. Monaghan VEC
Ms. April Woods	Student Representative (from Oct' 06)

This term of office of the current Governing Body runs from April 2005 to March 2010.

2.2 Senior Staff

Senior Management	
Dr. Tom Collins	Director to 22 January, 2006
Mr. Denis Cummins	Acting Director from 23 January, 2006
Mr. Gerry Carroll	Head of Development
Mr. Peter McGrath	Secretary/Financial Controller
Mr. Stephen McManus	Registrar
Mr. Cathal Kearney	Head of School of Business Studies and Humanities
Mr. John Connolly	Head of School of Engineering
Heads of Department	
Mr. Shane Hill	Acting Head of Department of Financial, Management and Professional Studies
Dr. Colette Henry	Head of Department of Business Studies
Dr. David Getty	Acting Head of Department of Humanities
Dr. Eibhlis Farrell	Head of Department of Music and Creative Media
Mr. Eugene Roe	Head of Department of Mechanical/Manufacturing Engineering
Dr. Dan O'Brien	Head of Department of Electronics
Dr. Patrick Feenan	Head of Department of Infrastructure and Environmental Studies
Dr. Bob McKiernan	Acting Head of Department of Mathematics and Computing
Mr. Gerard McTaggart	Head of Department of Nursing and Health Studies
Heads of Function	
Mr. Brendan Keane	Finance Manager
Mr. Gerald O'Driscoll	Human Resource Manager
Mr. Conor Lait	Estates Manager
Mr. James McCahill	IT Manager
Ms. Linda Murphy	Academic, Administration and Student Affairs Manager
Ms. Ann Cleary	Librarian

2.3 Staffing

New Staff

Director:

Mr. Denis Cummins, Director - Temporary

Registrar's Department:

Ms. Ann Campbell, Assistant to the Registrar

Cross-Border Centre for Community Development:

Ms. Ann Larkin, Women's Development Officer.

Mr. Mike Cowman, Centre Manager - Cross-Border Centre for Community Development.

Ms. Iseult Harrington, Arts Administrator.

Mr. Raul Araujo, Community Arts Co-ordinator.

Administration:

Mr. Peter Morris, Retention and Recruitment Officer

Ms. Ann Cleary, Project Officer - Centre for Learning and Technology

Mr. Diarmuid Cahill, is the newly appointed full-time Clubs and Societies Officer.

School of Informatics, Music and Creative Media:

Dr. Bob McKiernan, Acting Head of School of Informatics, Music and Creative Media.

Department of Computing and Mathematics:

Mr. Shane Dowdall, Acting Head of Department of Computing and Mathematics.

School of Engineering:

Mr. Barry Evans, Lecturer - Civil Engineering

Mr. Jonathan Cussen, Assistant Lecturer - Plumbing

Dr. Onyema Afu Oji, Lecturer - Civil Engineering

Mr. Eugene Roe, Head of School of Engineering

School of Nursing, Health Studies and Applied Sciences:

Dr. Suzanne Linnane, Assistant Lecturer - Environmental Science.

Dr. Siobhan Jordan, Post-Doctoral Research Fellow, National Centre for Freshwater Studies.

Dr. Robert Cruikshanks, Post-Doctoral Research Fellow, National Centre for Freshwater Studies.

Dr. Breda Brennan, Head of Department of Applied Sciences.

Ms. Eileen McGuigan, Project Officer - Advanced Nurse Practitioner in Specialist Palliative Care.

Dr. Caroline Gilleran, Assistant Lecturer - Biotechnology.

School of Business Studies and Humanities:

Mr. Shane Hill, Acting Head of Department of Management and Financial Studies.

Ms. Carol McGinty, Lecturer - Applied Social Studies.

Ms. Maria Roddy-Freyne, Assistant Lecturer - Events Management.

Ms. Sarah McCann, Assistant Lecturer - Video and Film Production.

Regional Development Centre:

Mr. Eamonn Bradley, National Institutes of Health (USA) Funded Post-Doctoral Research Fellow.

Ms. Lorna Treanor, CER Research Supervisor.

Ms. Miriam McArdle-Donnelly, CER Researcher.

Mr. Christian Maas, Building Services Clerk of Works.

Mr Roderick Bond, Programme Manager - netWELL Centre.

Retirements

Mr. Eugene McCabe

Engineering - 31 December, 2005

Mr. Turlough O'Brien

Engineering - 30 September, 2005

Mr. Pat Clinton

Business Studies - 31 January, 2006

Mr. Frank McArdle

Caretaker - 31 August, 2006

Mr. John Connolly

Engineering - 31 August, 2006

Mr. John Gallagher

Applied Sciences - 31 August, 2006

Mr. Oliver McDonald

Engineering - 31 August, 2006

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SECTION **3**

Academic
Staff &
Student
Statistics

3.1 Academic Council

The Academic Council is a statutory body established under the Regional Technical Colleges Act (1992), and has responsibility for maintaining academic standards and the development of Academic Regulations. The Academic Council makes recommendations to the Governing Body, and its Secretary is the Registrar. The Academic Council has a membership of forty-three including two students.

1. Dr. Tom Collins, Director.	23. Mr. Stephen McManus
2. Mr. Denis Cummins	24. Mr John Connolly
3. Mr. Cathal Kearney	25. Dr. Bob McKiernan
4. Dr. Dan O'Brien	26. Mr. Eugene Roe
5. Dr. Pat Feenan	27. Mr. Shane Hill
6. Ms. Eibhlis Farrell	28. Mr. Gerry Carroll
7. Ms. Ann Cleary	29. Ms. Fiona Fearon
8. Mr. John Sisk	30. Mr. Brian Boyd
9. Mr. Pat Clinton	31. Ms. Brianain Erraught
10. Mr. Frank Watters	32. Mr. Pdraig McGuigan
11. Mr. James O'Donohoe	33. Mr. Gerry McTaggart
12. Dr. Frank Murray	34. Dr. Brian Dunlevy
13. Ms. Tanya Rice	35. Mr. Michael O'Dubhchair
14. Mr. Mark Clarke	36. Ms. Colette Henry
15. Mr. Gerry Smyth	37. Mr. Eamonn Kinch
16. Mr. Gerry Coleman	38. Mr. Kevin Starrs
17. Dr. Siobhan O'Halloran	39. Mr. John McDonald
18. Mr. Enda Finn	40. Dr. David Getty
19. Mr. Niall Gallery, Student Union President	41. Mr. Declan O'Shaughnessy, Student Union Vice-President
20. Mr. Brendan Ryder	42. Ms. Caroline O'Sullivan
21. Ms. Kathleen Rooney	43. Ms. Brid O'Neill
22. Mr. Dermot Logue	

3.2 Academic Developments

The following are the list of New Programmes for 2005/06:

Computing:

Bachelor of Science in Computing in Applications & Support
 Bachelor of Science in Computing in Software Development
 Bachelor of Science in Computing in Networking & Support
 Bachelor of Science (Honours) in Computing in Games Development
 Bachelor of Arts (Honours) in Communications and Creative Media

Engineering:

Bachelor of Engineering in Electrical & Electronic Systems

Humanities:

Bachelor of Arts in Video and Film Production

Science:

Bachelor of Science in Applied Bioscience
 Bachelor of Science in Pharmaceutical Science
 Master of Science by Research

Nursing:

Bachelor of Science (Honours) in Health Promotion and Physical Activity.

3.3 Enrolment Statistics

Student enrolment by Faculty/Year/Gender

School/Dept	Yr1	Yr2	Yr3	Yr4	Yr5+	Male	Female	Total
School of Business	410	286	320	96	--	433	679	1112
Dept. of Humanities	176	101	74	41	--	153	239	392
School of Engineering	250	153	179	76	11	575	94	669
Dept. of Science	67	57	6	8	--	60	78	138
Dept. of Computing	197	97	98	70	--	321	141	462
School of Nursing	148	115	106	73	--	49	393	442
Totals	1248	809	783	364	11	1591	1624	3215

3.4 Graduation, November 2005

3.4.1 Graduation Prizewinners November 2005

Prize	Prizewinner	Course
Director's Prize for Academic Excellence	Angela Hamouda	Master of Business by Research
Director's Prize for Academic Excellence	Ursula McEaney	Bachelor of Arts (Hons) in Accounting & Finance
Director's Prize for Academic Excellence	Mary O'Loughlin	Bachelor of Arts (Hons) in Cultural Studies
Director's Prize for Academic Excellence	Maria Lee	Higher Certificate in Engineering in Electronic Engineering
HETAC Student of the Year	David Donnelly	Higher Certificate in Engineering in Civil Engineering
Peter Rice Medal Winner	Caroline Traynor	Bachelor of Engineering in Civil Engineering
Director's Prize for Academic Excellence	Derek Teeling	Bachelor of Science (Hons) in Quality Management
Director's Prize for Academic Excellence	Susan McKenna	Bachelor of Science in Food Science & Technology in Product Development
Director's Prize for Academic Excellence	Elizabeth Meehan	Bachelor of Science (Hons) in Nursing.
Director's Prize for Academic Excellence	Edward Flynn	Phase 6 Plumber

3.4.2 Conferring of Awards 2005 - Statistics

School of Business & Humanities	No of Students
Bachelor of Business in Management & Administration	95
Bachelor of Business in Healthcare Management	11
Bachelor of Business in International Business	16
Bachelor of Business in International Business (Abroad)	5
National Diploma in Business Studies in Management & Administration	3
Higher Certificate in Business in Management & Administration Studies	101
Higher Certificate in Business in Office Information Skills	33
National Certificate in Business Studies in Management & Administration	14
Master of Arts by Research	2
Master of Business by Research	1
Master of Business Administration	3
Master of Business in Entrepreneurship and Marketing	8
Master of Arts in Enterprise and Technology	1
Bachelor of Business (Honours)	116
Bachelor of Business (Honours) Marketing	20
Bachelor of Arts (Honours) in Accounting & Finance	52
Bachelor of Arts in Accounting & Finance	3
Bachelor of Arts (Honours) in Community Development	13
Bachelor of Arts (Honours) in Cultural Studies	30
Bachelor of Arts in Applied Cultural Studies	23
Bachelor of Arts in Community Sports Leadership	27
Higher Certificate in Arts in Borderland Studies	15
Certificate in Business in English Language and Western Society & Culture	13
FETAC National Certificate in Professional Cookery	18
National Apprenticeship in Professional Cookery	6
FETAC National Certificate in Hospitality Skills	9
FETAC National Certificate in Front Office Skills	12

School of Engineering	No of Students
Bachelor of Science (Honours) in Building Surveying	20
Bachelor of Science in Building Surveying	1
Bachelor of Engineering in Civil Engineering	36
National Diploma in Engineering in Civil Engineering	7
Higher Certificate in Engineering in Civil Engineering	36
National Certificate in Engineering in Civil Engineering	6
Bachelor of Science in Construction in Building Surveying	28
Higher Certificate in Science in Construction	51
National Certificate in Construction	5
Bachelor of Engineering (Honours) in Product Design Engineering	16
Bachelor of Engineering in Electronics, Manufacture, Management & Service	6
Bachelor of Engineering in Electronics - Product Development	8
National Diploma in Engineering in Electronics - Product Development	1
Higher Certificate in Engineering in Electronic Engineering	14
Bachelor of Engineering in Manufacturing Engineering	1
Bachelor of Science in Manufacturing Technology	2
Higher Certificate in Engineering in Manufacturing Engineering	2
Bachelor of Engineering in Mechanical Engineering	12
National Diploma in Engineering in Mechanical Engineering	1
Higher Certificate in Engineering in Mechanical Engineering	13
National Certificate in Engineering in Mechanical Engineering	2

School of Informatics, Music & Creative Media	No of Students
Master of Science by Research	4
Master of Science in Computing	4
Bachelor of Science (Honours) in Computing in Commercial Computing	18
Bachelor of Science (Honours) in Computing in Information Technology Management	37
Bachelor of Science in Computing in Applications & Support	25
Bachelor of Science in Computing in Applications and Support - German	1
Bachelor of Science in Computing in Applications and Support - French	2
National Diploma in Computing in Applications and Support	2
Higher Certificate in Science in Computing in Applications and Support	18
National Certificate in Computing in Applications and Support	3
National Certificate in Information Technology Support	2
Bachelor of Science in Computing in Software Development	30
Bachelor of Science in Computing in Software Development - French	1
National Diploma in Computing in Software Development	1
Higher Certificate in Science in Computing in Software Development	9
National Certificate in Computing in Software Development	3
Bachelor of Arts in Communications (Multimedia)	28
Certificate in Creative Media and Multimedia Production	14

School of Nursing, Health Studies and Applied Science	No of Students
Bachelor of Science (Honours) in Quality Management	22
Bachelor of Science in Quality Management	38
Bachelor of Science in Environmental Monitoring	4
National Certificate in Science in Environmental Monitoring	1
Higher Certificate in Science in Agriculture	9
Higher Certificate in Science in Applied Biology	8
Higher Certificate in Science in Applied Chemistry	8
National Certificate in Science in Applied Chemistry	1
Bachelor of Science (Honours) in Food Science & Technology in Product Development	6
Bachelor of Science in Food Science & Technology in Product Development	7
Bachelor of Science in Food Science & Technology	8
Bachelor of Science (Honours) in Nursing	44
Bachelor of Science in Nursing	15
Bachelor of Science in Nursing (ACCS)	1
Higher Diploma in Science in Intellectual Disability Nursing (Challenging Behaviour)	6
Higher Diploma in Science in Mental Health Nursing (Adult)	8
Higher Diploma in Science in General Nursing (Older Person)	6
Higher Diploma in Orthopaedic Nursing	4
National Diploma in Nursing (Mental Handicap Nursing)	2
National Diploma in Nursing (General Nursing)	3
National Diploma in Nursing (Psychiatric Nursing)	1

Total Graduates:**1322**

3.5 International Flows

3.5.1. Statistics for Student Exchange Flows

DKIT Students going abroad during the academic year 2005/2006 travelled to the following EU destinations to partner colleges as listed overleaf:

3.5 International Flows

3.5.1. Statistics for Student Exchange Flows

DkIT Students going abroad during the academic year 2005/2006 travelled to the following EU destinations to partner colleges:

Destination - To	Number of Students	Total
Germany:		
Heilbronn	5	10
Lüneburg	5	
France:		
Anncy	4	14
Lyon	6	
Montpellier	2	
Béziers	1	
Arras	1	
Spain:		
Espoo	2	5
Valencia	3	
Finland:		
Kotka	2	5
Pori	3	
Denmark:		
Copenhagan	3	3
Total:		37

Incoming Students during the academic year 2005/06 came from the following EU countries :

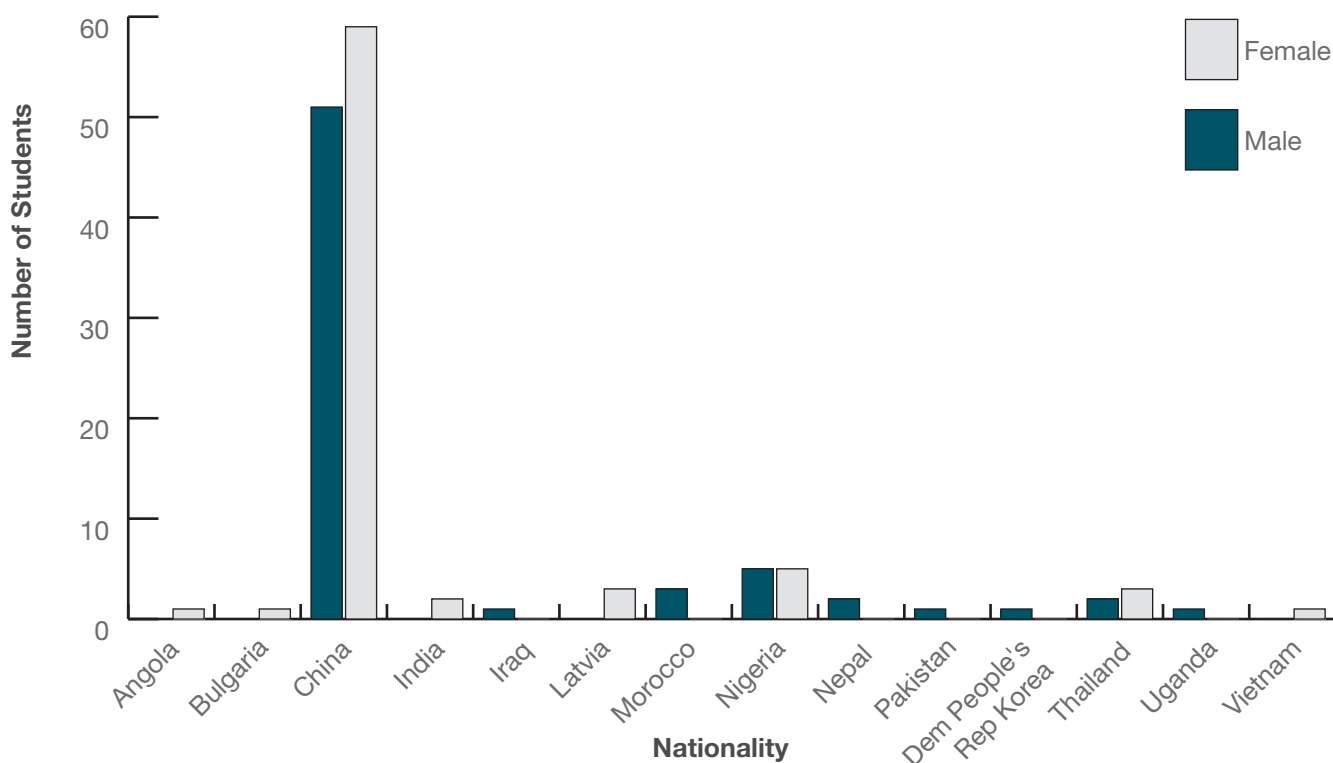
Destination - To	Number of Students	Total
Germany:	9	9
France	36	36
Spain	21	21
Finland	1	1
Total:		67

3.5.2 Teacher Mobility

During the academic year 2005/06, there was a total teacher movement to partner Colleges of 13 teachers and the breakdown is as follows:

Destination - To	Number of Students	Total
Germany:		
Heilbronn	3	3
France		
Lyon	3	3
Estonia		
Audentes	1	1
Spain		
Badajoz	3	3
Finland		
Evtek	2	2
Denmark		
Copenhagen	1	1
Total		13

3.5.3 Non-EU Students Enrolled in DkIT



Country	Angola	Bulgaria	China	India	Iraq	Latvia	Morocco	Nigeria	Nepal	Pakistan	Dem People's Rep Korea
Male	0	0	51	0	1	0	3	5	2	1	1
Female	1	1	59	2	0	3	0	5	0	0	0
Total	1	1	112	2	1	3	3	10	2	1	1

Country	Thailand	Uganda	Vietnam	Total
Male	2	1	0	
Female	3	0	1	
Total	5	1	1	144

3.6 Library

- Completed first Strategic Plan 2006 - 2011 in March 2006
- New Information Literacy Programme launched in September 2005
- E-Journal Portal facilitates searching across all our e-journal resources in a single interface
- E-Books from Safari
- Online Reading Lists of lecturer-recommended texts
- Re-location of Information Desk
- Introduction of Secure Electronic Delivery for journal requests
- Complaints Procedure introduced
- Wireless access available
- READ @ your library poster campaign to celebrate Library Ireland Week 6-10 March 2006
- Irish Innovative User Group hosted by the Library in June 2006



(l to r) Lorna O'Connor, Denis Cummins, Concepta Woods, Dr Peter Doolittle, Donna O'Doibhlin

3.6.1 Staff Changes

- Lorna O'Connor returned to post as Deputy Librarian in January 2006.
- Ann Cleary was seconded to the CELT (Centre for Learning and Teaching) project in May 2006
- Martha Hogan was seconded to Human Resources Training two days per week
- Nuala Tierney retired with nearly 25 years service.



Marking Nuala Tierney's Retirement

3.6.2 New Appointments

Sean McGreal was appointed to a full-time library assistant position and part-time hours were allocated to Kathleen Fox, Alice Redmond, Emma O'Connor and Ronan Dullaghan. Rosemary McKenna replaced Marie Barrett as Graduate Trainee.

3.6.3 Collections

As with the general trend in other third-level libraries, less is being spent on books and print items (including journals). In the case of DkIT, due to overall budgetary concerns the budget has remained the same for three years, which represents, in real costs, a cut in finance of approx 35% when taking into account inflation and increased costs of materials.

Average cost of item
€33.56

Income		Expenditure	
General Budget	€121,000	General	€57,000
Nursing Budget	€50,000	Nursing (Jan-Dec)	€36,600
Student Fines	€11,000		
Total	E182,000	Total 2006	€93,600
		Total 2005	€109,000

Facts and figures on our Collections

Safari Books Online	100 titles - 13,835 searches
New titles ordered	1, 759 (represents a 50% drop from 04/05)
150 print journal titles	Cost €41,667.27
24 journal titles cancelled	Cost €4,920.50 Available on subscribed databases or not used
200+ items in audio-visual collection	
411 items donated	
3,232 items withdrawn	Included discontinued European Union publications / out of date and damaged books
15,000+ journals in online databases	Cost €59,688.29
No. of database searches	708,318 - 76% increase from 04/05
Most used - Proquest and the Irish Times	60% of all searches
Least used - Factfinder	Less than 1%

3.6.4 Inter Library Loans/Document Delivery

Requests for journal articles have increased since 2004, despite the Library having more full-text databases available. The Institute of Technology Partners Agreement is working well, with an increase of 45% in items supplied to us by other Institute of Technology libraries in 2005 over 2004 and a further 20% in 2006. However, the British Library continues to be our main provider of materials at 72% of all requests. The cost of the service was €7,924.51 with 627 items received and 81 supplied to other libraries. Requests are free for staff and for those students who have attended a tutorial - 13 tutorials were held with over 120 attendees.

3.6.5 Readers Services

During 2005/2006 the Library was open 162 hours per week during term time with over 390,000 entrances recorded. Circulation activity totalled 98,539, with an average circulation activity of 10 transactions per member, but only an average of 11% of the total members was active.

3.6.7 Building

During Summer 2006 the Quiet Study Area on the 2nd Floor was partially refurbished by re-upholstering the dividing panels which had become very shabby. This work was funded from the Library's fines income. The seat to reader (student) ratio is now 1:7; if we exclude Electronic Learning Spaces the ratio is 1:11.

3.7 Lifelong Learning Centre

During 2005/06 Lifelong Learning Centre (LLL) experienced an unexpected but significant decline in part-time student numbers with enrolments falling to 974 down 25% from 1,329 in 2004/05. It should be considered however that student numbers remain at double the level they were in 2000.

The female/male ratio remained at 54/46 as it has done for the last 3 years. 61% of part-time students come from Co. Louth, with 27% of them coming from the neighbouring counties of Meath, Monaghan and Cavan, 3% come from Dublin and balance have home addresses in a scattering of other counties. The majority of students enrolled on Business, Humanities, or Catering courses (513 students). In addition, 156 part-time students enrolled on engineering courses, 139 students registered on computing courses, 59 students signed-up for nursing courses and 107 students studied science, quality management and health and safety courses.

Customised Education and Training 2005/2006 saw the graduation of our first BBS in Healthcare Management group (2003-05) and saw 18 new HSE staff begin a second round of the programme (2005-07). This course remains a unique partnership between the HSE and Dundalk IT.

Certificates were also presented to successful participants of our first Cross-Border Local Authority project in December 2005. A second programme was agreed with the funder Easter Border Region (via Interreg IIIa) and project leaders Louth County Council and Banbridge District Council in Spring 2006.

We conferred FETAC awards on two groups in Co. Meath during the year. The first course conferred was the Advanced Certificate in Marketing for Small Tourism Business and the second was the Advanced National Certificate in Irish Home Hospitality.

Finally the LLC secured FÁS One Step Up registration status allowing it to bid for state funding to support people who work in the private sector or in the commercial semi state-state get up to a 70% rebate on the Institute tuition fees. A total suite of 64 part-time courses were offered by the Lifelong Learning Centre during 2005-2006 in the areas of Business Studies, Humanities, Hospitality and Catering, Engineering, Computing and Nursing.

3.8 Quality Award for International, Grant and Examinations Office at DkIT

The International Office, the Grants Office and the Examinations Office received the ISO 9001:2000 Quality Mark from the NSAI during this academic year. The quality award is a recognition of the high standard of service offered by these three offices to students and to the academic departments within the Institute. It is a process of continual improvement and to this end, feedback is actively sought from those using these services, so that deficiencies may be identified as they arise and can be remedied.

3.9 Arts/Sports/General

Music:

Composer's Choice: Dr Eibhlís Farrell was the featured composer in the Composer's Choice series in the national Concert Hall on Sunday 18th September. Music Department Lecturer Paul Roe (Clarinet), formerly of the National Symphony Orchestra took part in this recital.

The Rose: DkIT students took part in a cross-border performance of The Rose, a nativity opera commissioned to celebrate the Millennium in December. This highly acclaimed work by Music Department Lecturer, Siubhán Ó Dubhán, has been performed in 20 churches of different denominations from Belfast to Dundalk and received its Dublin premiere this year also.

Sports: Irish Students' Success in World Student Games:

In excess of 120 Irish students travelled to Izmir, Turkey in mid-August to compete in the 23rd World Student Games. It was a particularly successful games for the Irish contingent, with the team returning with five medals. Brendan Wynne, a mature 3rd year Community Sports Leadership student in the Institute travelled with the Ladies Football team as Assistant Coach. The standing of the games is considered second only to the Olympic Games in terms of countries participating and attendance at events.

All Ireland Success for Sigerson Organising Committee:

The Council of University Sports Administrators in Ireland held their annual Intervarsity Event of the year on Friday 18th November in Trinity College Dublin. The Sigerson Organising Committee of the DKIT Gaelic Football Club was the recipient of the major reward of the morning, winning the Intervarsity Event of the Year 2005.

Ernst and Young Entrepreneur of the Year Case Studies:

The Ernst and Young Entrepreneur of the Year Award is now an annual event on the Irish entrepreneurship calendar. The event which was launched in 1998, recognises and celebrates our most successful and innovative entrepreneurs. In recognition of the importance of this event, the Centre for Entrepreneurship Research at DkIT has been commissioned to publish a set of exciting case studies based on the Ernst and Young competition finalists. The case writers for the project include leading academics and researchers in entrepreneurship from Ireland's top Universities and Institutes of Technology.

3.10 Schools

3.10.1 School of Business & Humanities

The academic year 2005-2006 was one of growth and development in the school. The school continued with its roll-out of four new programmes at Level 6, 7, 8 and 9.

Student numbers were strong, with a 5% increase in total student numbers. Examination results at award level showed a weaker performance with 74% gaining an award.

Key Performance Indicators

Student Numbers	2004/2005	2005/2006
Total Full-Time	1597	1681
Dept. of Business	552	587
Dept. of Humanities	380	474
Hospitality Section	180	183
Dept. Mgt & Financial Studies	485	437
1st Year Enrolment Figures		
Total Full-Time	656	631
Dept. of Business	266	249
Dept. of Humanities	165	175
Hospitality Section	124	112
Dept. Mgt & Financial Studies	101	95
Student Awards %		
Award Year Student No.'s	661	742
First Class Honours/Distinction	8%	5%
2nd Class Honours Grade 1/Merit	19%	27%
2nd Class Honours Grade 2/Merit	33%	33%
Pass Award	25%	9%
Programmes		
Number of Full-Time Programmes	37	40
Number of Part-Time Programmes	3	3

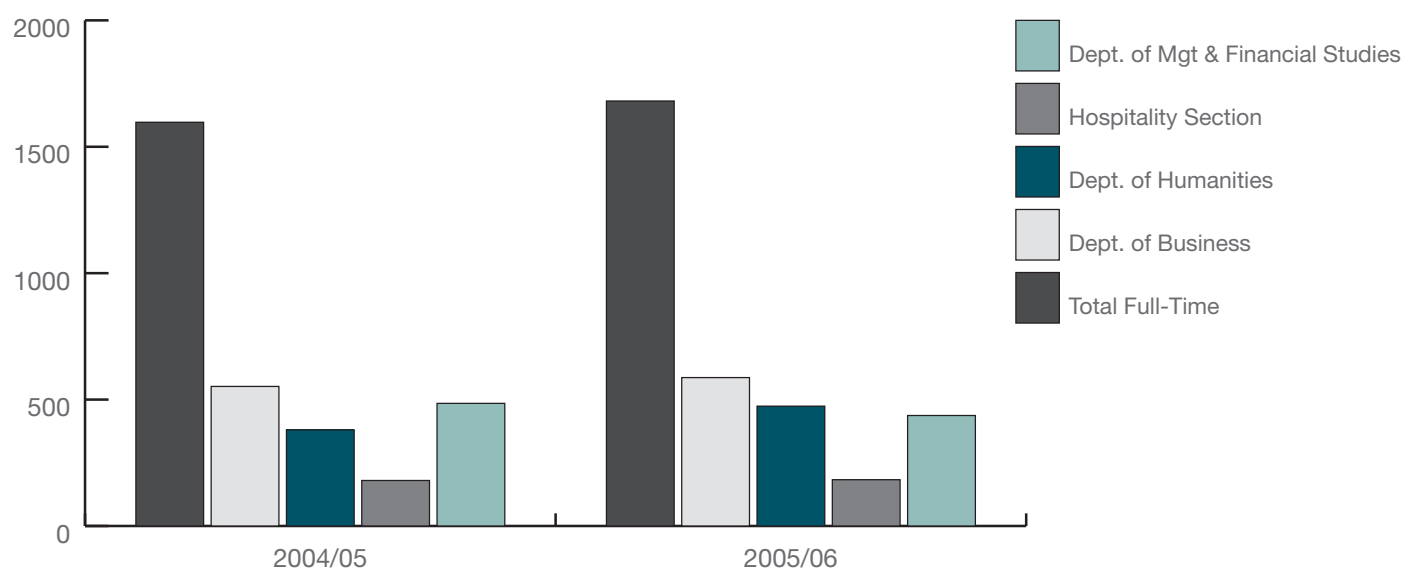
First-Year Enrolment by Programme

Programme	03/04	04/05	05/06
BA (Hons.) in Accounting and Finance	77	61	64
BBS (Hons) in Marketing	58	40	31
Cert.in Bus. Eng. Lang. & WS&C	0	28	23
NC in Bus. St. in Mgt. & Admin.	216	189	193
NC in Business Studies in OIS	71	0	0
Higher Cert. in Business in OIS	0	77	56
BA in Applied Social Studies	0	34	31
ND.in Comm. Media (transferred to Informatics '04)	50	0	0
BA in Video & Film	0	0	33
BA in Comm. Sports Leadership	0	58	48
BA in Applied Cultural Studies	0	45	41
ND in Applied Social Studies	29	0	0
ND in Comm. Sports Leadership	32	0	0
BA in Applied Music (transferred to Informatics '04)	27	0	0
ND in Applied Cultural Studies	47	0	0
BBS in Event Management	0	22	47
BBS in Hospitality Management	0	19	17
ND in Bus Studies in Catering Mgt.	5	0	0
ND in Bus. In Hospitality Mgt.	15	0	0
Nat. Cert. in Professional Cookery	31	32	28
Nat. Cert. in Hospitality Skills	20	21	20
Nat. Cert. in Reception/ Front Office	12	17	0
Nat. App. - Professional Cookery	0	13	0
Total	690	656	631

New Programmes Validated

MA in Cultural Innovation for the Arts
 Executive MBA
 BA (Hons) in Social Care
 Bachelor of Business in Business Information Systems
 Higher Certificate in Arts

Student Numbers



3.10.2 School of Engineering

Programme Development

During 2005-2006 the School of Engineering continued to implement the Institute's policy of semesterisation and modularisation and re-developed all of its remaining Level 6, and 7 programmes into ab initio format, leading to the award of Ordinary Degree at level 7 on the NFQ. By the end of the academic year all programmes had been re-validated and made ready for rollout in September 2006.

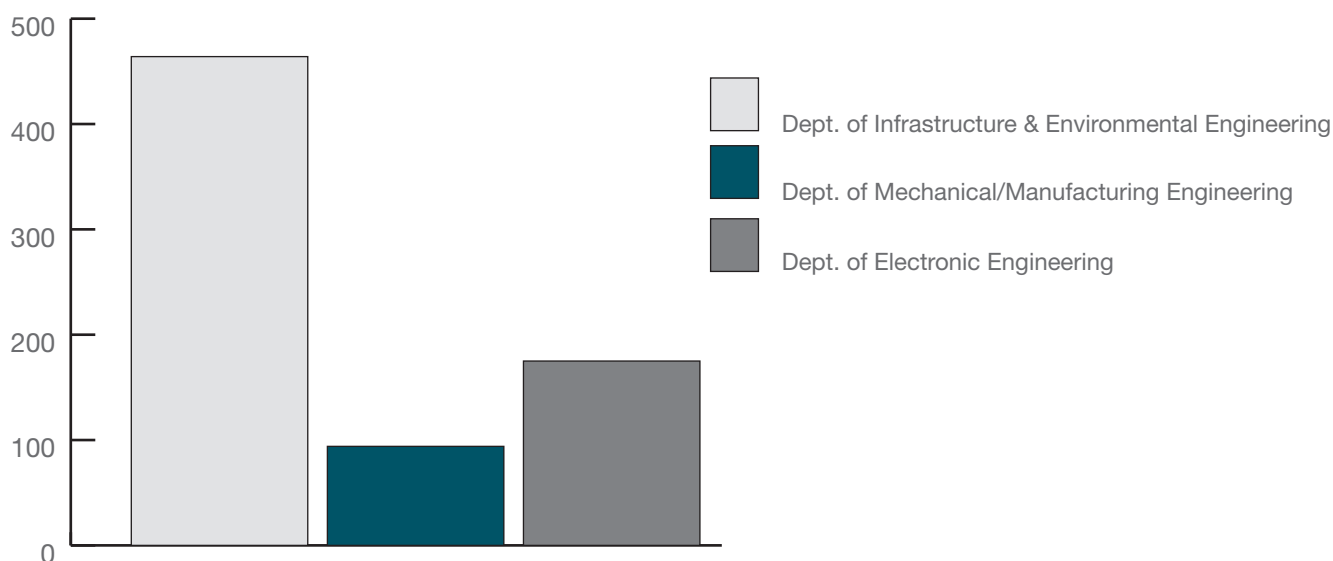
MSc in Renewable Energy Systems

The School's research centre, CREDIT, initiated a top-class MSc in Renewable Energy Systems that commenced in the following academic year, September 2006. The programme was based on materials licensed from Loughborough University in the U.K., where their Centre for Renewable Energy Systems Technology (CREST) provides the world's best-known masters degree in this area. DkIT is committed to the continued development of programme material in the Irish context.

Renewable Energy Installer Academy

The Renewable Energy Installer Academy (REIA) was established during 2005 - 2006 in the School of Engineering. The REIA was a pilot project funded under the INTERREG programme as a joint initiative of Action Renewables in Northern Ireland and Sustainable Energy Ireland in the Republic. It was developed in response to the recognition that the lack of trained installers and specifiers of domestic renewable energy technologies was one of the critical barriers to the development of a sustainable/renewable energy market. The objective of the pilot project was to develop structures for training, registration and quality control of installers in the INTERREG region. Four training centres were established in the INTERREG region to provide training in Solar Water Heating, Heat Pumps and Biomass Heating Systems. The School of Engineering was one of those centres and the only one in the Republic of Ireland. The first pilot training programmes were delivered in DkIT May 2006.

Student Numbers 2005/2006 (School of Engineering)



3.10.3 School of Nursing, Midwifery, Health and Applied Science

2005/2006 saw the graduation of our first BBS in Healthcare Management group (2003-05) and saw 18 new HSE staff begin a second round of the programme (2005-07). This course remains a unique partnership between the HSE and Dundalk IT.

The following courses were offered during this academic year:

Bachelor of Science in Nursing for registered Nurses
 Bachelor of Science (Honours) in Nursing for registered Nurses
 Higher Diploma in Science in Orthopedic Nursing
 Higher Diploma in Science in Mental Health Nursing
 Higher Diploma in Science in Intellectual Disability Nursing (Adult)

The Department of Applied Sciences offers a range of diverse programmes aiming to meet the demands of local and national industry, with programmes in food science, pharmaceutical science, applied biosciences, agriculture and environmental biology. This year sees the introduction of a brand new veterinary nursing programme within the Department. The Department plays a very active role in the promotion of Science in the region through interactions with primary and secondary schools. Watch out for our programme for this year's Science Week which shall take place in November.

3.10.4 School of Informatics, Music and Creative Media

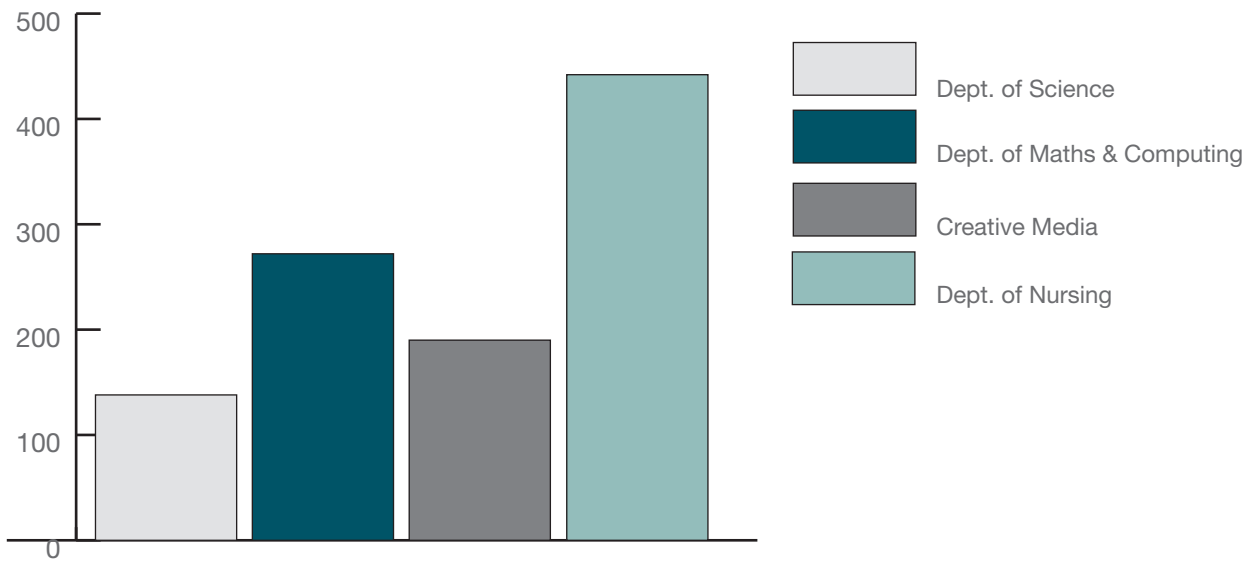
This year the Institute's admission and registration process started early in order to fit in with the new semesterised calendar. New programmes were advertised in June and invited new applications for Science and Computing. The response was very positive and attracted a large number of applicants, and in particular the Bachelor of Science in Computing in Games Development attracted a significant number of applicants. Overall student enrolment in Computing stabilised which went against the national trend and in Science there was a very welcome increase in intake.

Congratulations go to Dr. Eibhlis Farrell and Dr. Kevin McDaid, both from this School for their recent success in the Strand 1 Research competition. Less than one in three applications received under this National Scheme are approved, and both projects will fund a Masters student to undertake Research programmes approved. The topics are:

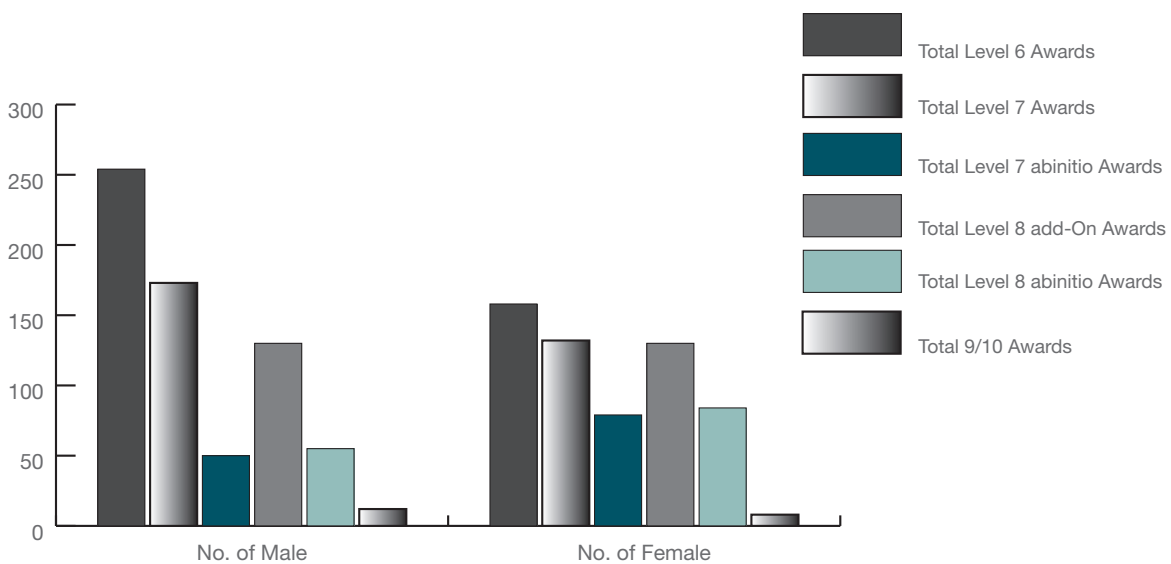
Dr Eibhlis Farrell - 'A.J. Potter: A Critical Performing Edition of Selected Works'.

Dr Kevin McDaid - 'The use of Bayesian Software Failure Models to improve the Prediction of Reliability during testing'.

Student Numbers 2005/2006 School of Science (transitioning into School of Nursing, Midwifery, Health & Applied Science and School of Informatics, Music & Creative Media)



Graduation 2005/2006



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SECTION 4

Developmental Activities

4.1 Campus Development

The main Capital projects over the 2005/06 annual report period were as follows:

The Carroll's Redevelopment Project (Phase 1).

The value of this project is €20m and it was recommended through the HEA Kelly Review process. It was approved in April 2006. A Design Team led by Scott Tallon Walker, Architects, was appointed and design work has commenced. The 11,000m² redevelopment project is scheduled for completion by the end of 2008 and will accommodate the needs of the School of Informatics, Music and Creative Media. It will also mean that off-campus rented accommodation will not be required after 2009.

Traffic Management Strategy Implementation

The estimated value of this development is est. €1.5m. In order to deal with increases in traffic on the campus and in particular to deal with Health & Safety issues and address sustainability measures as part of the Dundalk 2020 Charter, the Institute appointed ARUP Consultant Engineers to prepare a Sustainable Traffic Management Plan in January 2005. The recommendations of this Study was presented to Governing Body in June 2006 and the implementation of the measures proposed are under discussion.

Devolved Grant Programme and Health & Safety Works

The value of this grant is €2m. The Devolved Grant for Minor Works was re-introduced by the Department of Education and Science in December 2004. A works programme was carried out in the Summer of 2005 and 2006 to refurbish laboratory and teaching areas in the North and South Blocks. A Health and Safety works programme, approved by the Institute's Health and Safety Monitoring Committee, was also undertaken to address priority areas arising from the Institute-wide Health and Safety Risk Assessment exercise.

4.2 Research, Development and Innovation

During 2005/06 the Institute, through the Research Sub-Committee of Academic Council, continued to implement a range of internal Research support measures first introduced in 2001/02 to help build research capacity and capability in a range of strategic areas. The Research Sub-Committee, as part of a review of the Institute's Research Strategy and support measures, have engaged INDECON Consultants to carry out a thorough examination of the Strategy and the range of Research activities and support measures. This review, which commenced in January 2006, will be completed by the end of 2006 and will inform Research and Development activity going forward, which will be a major element in the new Institute Strategic Planning period commencing in 2006. The review will also inform the Institute's decisions around selection of bids for Cycle IV of the Programme for Research in Third-Level Institutions (PRTL) due to be announced by the end of 2006. In the period 2004/05 and 2005/06 R & D income levels secured by Researchers and Centres has increased from c.€3.5 million in 2004 to €4.9 million in 2005.



Enterprise Day 2006 (l to r) Mr. Denis Cummins, Director, DKIT, Mr. Brendan Murtagh, Director of Kingspan plc and Keynote Speaker., Mr. Sean MacEntee, Novation Manager.

Enterprise Development Support Programmes

The following Enterprise Development Programmes have been in operation during the period of this annual report:

1. The North-East Enterprise Platform Programme

The North-East Enterprise Platform Programme (NEEPP) is a year-long programme of support for graduate entrepreneurs with an innovation business idea in the Knowledge-Based, High-Tech, or IT sectors. The main objective of the programme is to develop the commercial and job creation potential of the participant businesses. The programme delivers comprehensive training in business and management to equip participants to successfully start up and manage a new business. The programme assists participants in the achievement of personal and business development goals in relation to the project. It also assists participants in the completion of market or technical feasibility studies and/or the preparation of a business plan.

2. The Creative Media Enterprise Support Programme

The Creative Media Enterprise Support Programme is a joint initiative of Dundalk Institute of Technology and Queen's University Belfast. It is designed as a twelve-month pilot programme of support for graduate entrepreneurs with an innovation business idea in the Creative/Digital media sector and is funded through the EU Programme for Peace and Reconciliation administered by Co-operation Ireland.

The main objective of the programme is to develop the commercial and job-creation potential of the participant businesses. The programme delivers comprehensive training in business and management to equip participants to successfully start-up and manage a new business. The programme assists participants in the achievement of personal and business development goals in relation to their particular project. It also assists participants in the completion of market or technical feasibility studies and/or the preparation of a business plan. Extensive networking opportunities will be provided to participants through a dual mentoring system.

The term Digital Media encompasses a wide range of industries including telecommunications, technology and traditional media. Digital media enterprises are companies, whose core competencies are the use of digital media or the development of digital technologies. It is proposed to focus on those industries which emerge from the interaction between technology and the arts, delivering firms and employment in areas such as film-making, television production, video, advertising, multi-media, computer games, music technology, theatre, animation and many more.

These programmes have been funded from a combination of services including Strand II of the Technological Sector Programme, PEACE II, INTERREG and Louth Leader. In total, 55 entrepreneurs are being supported through these, with a number planned to move into the incubation phase programme following completion.

3. Applied Research for Industry - Innovation Partnerships and FUSION

Through the Regional Development Centre, the Institute promotes and manages a range of initiatives that target innovation and new product and process development with regional SME's. The Institute is also engaged through InterTradeIreland's FUSION programme in supporting SME's in Northern Ireland. In the period 2005/06 the following Applied Research projects were undertaken:

Project Title	IP/FUSION	Researcher	Industrial Partner
To establish a new design function so that house plans can be completed in-house	FUSION	Annemarie McHugh	Quality Timber Frame Ltd
To implement and manage the conversion of KMC to all aspects of lean manufacturing	FUSION	Oliver McDonald	KMC Engineering NI Ltd
Development of a framework of generic templates to be used to build web-based training courses	FUSION	Damien Loughran	Abbey Training Services
To investigate and specify the problem of non-addressable objects (NAO) within corporate address data, identify a number of solution strategies and implement/ deploy and evaluate one or more prototype solutions	FUSION	Dermot Logue	Foyle Technologies Ltd
To develop a SME Management System comprising a number of mandatory elements	FUSION	Tony McCarron	Stiona Software
To design, develop and implement a formal Quality Management System	FUSION	Richard Crowley	CNC Components Ltd
To improve production procedures by the introduction of Lean Manufacturing Aspects	FUSION	Oliver McDonald	CK International
Autonomous Management of Interdependent Error Logos	Innovation Partnership	Ronan MacRuairi	ABB Dundalk
Replacement Manufacturing Process for the Production of Spinal Orthotic Products	Innovation Partnership	Michael Wright	BBE Healthcare
Video Driven Sound Tracker Composer	Innovation Partnership	Eibhlis Farrell	Metamusic

4. Research Programme Successes

Dr. Eibhlis Farrell and Dr. Kevin McDaid from the School of Informatics, Music and Creative Media had success in the Strand I Research competition. Less than one in three applications received under this National Scheme are approved and both projects will fund a Masters student to undertake Research programmes approved.

The Smooth Muscle Research Centre was also successful in securing funding for their research. This funding was awarded by:

- The National Institutes of health (USA) "Cellular mechanisms underlying myogenic tone in the urethra and its modulation by neurotransmitters" \$1.1M
- The Health Research Board (Ireland) "Pacemaker Activity in Urethral Interstitial Cells" €260K
- The Wellcome Trust (UK) "Synovial hyaluronan secretory regulation, synoviocyte signalling pathways and synovial permeability studied by whole organ and single cell methods in vitro and in vivo in joints" €533K.

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SECTION 5

Audited
Accounts
2006

Report from the Comptroller and Auditor General for presentation to the Houses of the Oireachtas.

I have audited the financial statements of Dundalk Institute of Technology for the year ended 31st 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 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 operation. 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 judgements 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 evaluate 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 2005 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
22 December 2006.

Extracts from Financial Report:

Consolidated Income & Expenditure Account for the year ended 31st August 2005.

	NOTE	2005 Euro '000	2004 Euro '000
Income			
State Grant	1	18,789	18,019
Release from Capital Account	18	3,247	2,602
Tuition Fees	2	6,107	5,264
Student Registration Charges	3	2,841	2,574
Interest Income	-	172	4
Research Consultancy & Development	4	3,594	1,658
Other Income	5	4,039	4,404
		38,789	34,525
Expenditure			
Academic Departments	6	21,416	18,943
Academic Services	7	1,313	1,059
Premises	8	2,253	2,146
Central Administration & Services	9	3,665	3,973
General Educational Expenses	10	246	312
Student Facilities & Amenities	11	1,783	1,236
Research Consultancy & Development	4	3,853	1,647
Depreciation	15	3,263	2,31
Other	12	1,907	2,206
	13	39,699	33,973
Operating Surplus/(Deficit)			
Transfer to Restricted Reserve	26	(910)	552
		(51)	(539)
		(961)	13
Accumulated (Deficit) at Start of Year			
		(369)	(382)
Accumulated Income/(Deficit) at End of Year			
		(1,330)	(369)

Notes 1 - 34 form part of the financial statements.

Extracts from Financial Report:

Consolidated Balance Sheet as at 31st August 2005.

	NOTE	2005 Euro '000	2004 Euro '000
Fixed Assets			
Tangible Assets	15	78,993 78,993	71,403 71,403
Current Assets			
Stock		34	39
Debtors	16	2,031	3,842
Cash at bank and in hand		2,801	1,347
Current Liabilities		4,866	5,228
Creditors - Amounts falling due within one year	17	(5,393)	(4,547)
Net Current Assets		(527)	681
Total Assets Less Current Liabilities		78,466	72,084
Net Assets		78,466	72,084
Represented by			
Reserves			
Capital Account	18	78,989	71,368
Development Account	23	95	95
Income & Expenditure Account		(1,330)	(369)
Restricted Reserve	26	712	990
		78,466	72,084

Notes 1 - 34 form part of the financial statements.

