

## BMW Regional Programme of Innovative Actions 2006-2008

### Research Vouchers Scheme – Menu of Third level services

	Dundalk IT
<i>Engineering</i>	
<i>Mechanical</i>	•
<i>Manufacturing-Includes Design</i>	•
<i>Civil</i>	•
<i>Electronic</i>	•
<i>Software</i>	•
<i>Computer</i>	•
<i>Plastics</i>	
<i>Polymer</i>	
<i>Biomedical</i>	
<i>Industrial</i>	•
<i>Design (including CAD)</i>	•
<i>Medical Devices</i>	
<i>Applied Software &amp; Informatics</i>	•
<i>Polymer/Biopolymer/Molecular</i>	
<i>Renewable &amp; sustainable energies</i>	•
<i>Food Science &amp; Technology</i>	•
<i>Environmental Research</i>	•
<i>Nursing (including assistive technology)</i>	•
<i>Digital Media/Games/Computer science</i>	•
<i>Construction waste</i>	
<i>Forest Research</i>	
<i>Nanotechnology &amp; materials research</i>	

		Dundalk IT
<i>Child &amp; Youthcare learning</i>		
<i>Laser Technology/Laser Applications</i>		
<i>Marine Science</i>		
<i>Biological/Biosciences</i>		
	<i>Physiology</i>	•
	<i>Life Sciences/Physical sciences</i>	•
	<i>Bioscience diagnostics</i>	
<b><i>Business &amp; IT</i></b>		
	<i>Health &amp; Safety</i>	•
	<i>Quality</i>	•
	<i>Innovation management</i>	•
	<i>Strategic Planning</i>	
	<i>IT Diagnostics</i>	
<i>Marketing</i>		
<i>Financial Mgt</i>		
<i>Information Systems</i>		
<i>Community Development</i>		
	<i>Small Business Management</i>	•
<b><i>Entrepreneurship</i></b>		•
<b><i>General Research</i></b>		
<b><i>Ocean Science Services</i></b>		
	<i>Research Vessel Operations</i>	
	<i>Oceanographic Services</i>	
	<i>Advanced Mapping</i>	
<b><i>Marine Environmental Food Safety</i></b>		
	<i>Shellfish Safety Unit</i>	
	<i>Marine Chemistry Unit</i>	
	<i>Fish Health</i>	
	<i>Benthic Unit</i>	

**BMW Regional Programme of Innovation Actions  
'Resourcing Information and Technology Transfer in the BMW region'**

**RESEARCH VOUCHERS SCHEME MATRIX**

**DUNDALK INSTITUTE OF TECHNOLOGY**

Dundalk Institute of Technology, through its Regional Development Centre (RDC), offers Industry and organisations in the BMW region access to a comprehensive and varied range of R&D services, Research Centres and support programmes. Through the Regional Development Centre's **Novation Programme**, the following services are provided.

- Enterprise Development Services
- Incubation Facilities and Programmes
- Pre and Post Business Incubation Support
- Innovation Management Training and Development
- Applied Research and Development Services for Industry
- Commercialisation support for R&D
- Technology Transfer Services

Industry can access an expertise base consisting of over 250 academic staff and researchers from four Schools and six Research Centres. Areas of expertise include:

- Engineering Product Development
- Renewable Energy Systems and Technologies
- Applied Science including Food Technology, Freshwater and Environmental Research
- Creative and Digital Media including Music Technology
- Software Development and Applications
- Health Studies and Smooth Muscle Research
- Innovation Management and Entrepreneurship

Additional R&D Services in other discipline areas can be **accessed** through a wide network of partner Institutions and Research Centres in Ireland, Northern Ireland and abroad.

The following outlines specialist research services at Dundalk Institute of Technology.

<b>Institution/ College</b>	<b>Department/Unit</b>	<b>Specific Services Offered</b>	<b>Contact Name</b>	<b>Address</b>	<b>Telephone</b>	<b>E-Mail address</b>
Dundalk Institute of Technology	Software Technology Research Centre	Software Process and Project Management	Gerry Coleman	Dublin Road, Dundalk	042 9393731	gerry.coleman@dkit.ie
	Software Technology Research Centre	ICT Software Processes Distributed Systems Human Computer Information Knowledge Engineering	Kevin McDaid	Dublin Road, Dundalk	042 9381760	kevin.mcdaid@dkit.ie
	Software Technology Research Centre	ICT Software Processes Distributed Systems Human Computer Information Knowledge Engineering	Frank Keenan	Dublin Road, Dundalk	042 9393759	frank.keenan@dkit.ie
	School of Informatics	ICT Software Processes Distributed Systems Human Computer Information Knowledge Engineering	Tony McCarron	Dublin Road, Dundalk	042 9370227	tony.mccarron@dkit.ie
	School of Informatics	ICT Software Processes Distributed Systems Human Computer Information Knowledge Engineering	Ronan McRuairi	Dublin Road, Dundalk	042 9370760	Ronan.mcruairi@dkit.ie
	School of Informatics	Database Systems User Interface Development	Dermot Logue	Dublin Road, Dundalk	042 9370489	dermot.logue@dkit.ie
	School of Informatics	ICT Software Processes Distributed Systems Human Computer Information Knowledge Engineering	Damien Loughran	Dublin Road, Dundalk	042 9370471	damien.loughran@dkit.ie
	School of Informatics	ICT Software Processes Distributed Systems Human Computer Information Knowledge Engineering	Cornelia Connolly	Dublin Road, Dundalk	042 9370552	cornelia.connolly@dkit.ie
	School of Informatics	Mathematical Modelling	Fiona Lawless	Dublin Road, Dundalk	042 9370288	fiona.lawless@dkit.ie

	CREDIT – Centre for Renewable Energy	Wind Energy and Systems Sustainability Modelling Renewable Energy Electricity Generation, Storage and Use and Commercial Development (Wind Energy Bioenergy and Ocean Energy Renewable Energy Relay	Larry Staudt	Dublin Road, Dundalk	042 9370574	larry.staudt@dkit.ie
	CREDIT – Centre for Renewable Energy	Wind Energy and Systems Sustainability Modelling Renewable Energy Electricity Generation, Storage and Use and Commercial Development (Wind Energy Bioenergy and Ocean Energy Renewable Energy Relay	Paul MACartain	Dublin Road Dundalk	042 9370574	paul.macartain@dkit.ie
	School of Informatics	Software Development, ICT	Christian Horne	Dublin Road Dundalk	042 9370537	Christian.horne@dkit.ie

<b>Institution/ College</b>	<b>Department/Unit</b>	<b>Specific Services Offered</b>	<b>Contact Name</b>	<b>Address</b>	<b>Telephone</b>	<b>E-Mail address</b>
	School of Engineering	Polymer Technologies	Michael Wright	Dublin Road, Dundalk	042 9370274	michael.wright@dkit.ie
	School of Engineering	Product Development/Electronics	Dan O'Brien	Dublin Road, Dundalk	042 9370236	dan.obrien@dkit.ie
	School of Engineering	Product Design CAD	Padraig McGuigan	Dublin Road, Dundalk	042 9370425	padraig.mcguigan@dkit.ie
	Department of Science/National Freshwater Centre	Freshwater and Environmental Research	Suzanne Linnane	Dublin Road, Dundalk	042 9370269 042 9381872	suzanne.linnane@dkit.ie
	Department of Science	Food Food Technology	Gerry Dunne	Dublin Road, Dundalk	042 9370286	gerry.dunne@dkit.ie
	School of Nursing	Pharmacology, Toxicology, Health and Safety	Edel Healy	Dublin Road Dundalk	042 9370716	edel.healy@dkit.ie
	Smooth Muscle Research Centre	In vitro pharmaceutical testing at the whole tissue, single cell and ion channel level. Single cell electrophysiology, intracellular recording, Ca <sup>2+</sup> imaging, molecular biology	Gerard Sergeant	Dublin Road Dundalk	042 9370564	Gerard.sergeant@dkit.ie
	Smooth Muscle Research Centre	In vitro pharmaceutical testing at the whole tissue, single cell and ion channel level. Single cell electrophysiology, intracellular recording, Ca <sup>2+</sup> imaging, molecular biology	Keith Thornbury	Dublin Road Dundalk	042 9370526	Keith.thornbury@dkit.ie
	Smooth Muscle Research Centre	In vitro pharmaceutical testing at the whole tissue, single cell and ion channel level. Single cell electrophysiology, intracellular recording, Ca <sup>2+</sup> imaging, molecular biology	Noel McHale	Dublin Road Dundalk	042 9370406	Noel.mchale@dkit.ie
	School of Nursing	Assistive Technologies	Rodd Bond	Dublin Road Dundalk	042-9331161	Rodd.bond@dkit.ie
	Smooth Muscle Research Centre	In vitro pharmaceutical testing at the whole tissue, single cell and ion channel level. Single cell electrophysiology, intracellular recording, Ca <sup>2+</sup> imaging, molecular biology	Mark Holywood	Dublin Road, Dundalk	042 9370475	mark.hollywood@dkit.ie
	Centre for Entrepreneurship Research	Entrepreneurship Education and Training Female Entrepreneurship Enterprise Policy and support systems for user and SME development	Colette Henry	Dublin Road, Dundalk	042 9370225	colette.henry@dkit.ie
	School of Business	Quality Systems Health and Safety	Anne Marie McHugh	Dublin Road, Dundalk	042 9370268	annmarie.mchugh@dkit.ie
	School of Business	Quality Systems	Richard Crowley	Dublin Road,		richard.crowley@dkit.ie

				Dundalk		
	Regional Development Centre	Enterprise Development Innovation Management	Sean MacEntee	Dublin Road, Dundalk	042 9370453	sean.macentee@dkit.ie
	Regional Development Centre	Digital Media	Irene Monaghan	Dublin Road, Dundalk	042 9370403	irene.monaghan@dkit.ie