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Editorial

Brian Nolan

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I am delighted to introduce the tenth edition of the ITB Journal, the academic journal of the Institute of Technology Blanchardstown. The aim and purpose of the journal is to provide a forum whereby the members of ITB, visitors and guest contributors from other third level colleges can publish an article on their research in a multidisciplinary journal.

This issue contains the usual diverse and interesting selection of research papers and articles. Hugh McCabe of ITB discusses research work with interactive 2D and 3D Graphics over the World-Wide Web with ActionScript. Laura Keyes, Andrew O'Sullivan and Adam Winstanley of ITB and NUI Maynooth show how statistical NLP algorithms can be applied in the recognition of graphical objects. Ayres and Nolan of ITB present recent research on voice activated command and control of a Lego Mindstorms using speech recognition over WIFI networks

A common issue at third level is the student's ability with maths. Colm McGuinness provides a timely review on mathematical competencies of third level students at ITB and discusses concerns and trends across the 3rd level sector in this regard.

From NUI Galway we have a paper on the use and application of adaptive screen generation for mobile devices by Caoimhín O'Nualláin and Sam Redfern while Suzanne McCarthy. Of the NDTI reports on a collaborative model of service delivery for individuals with specific learning difficulties. Dawn Duffin, of the NTDI and the CLCS department in Trinity College Dublin discusses her research, within the Irish deaf community, on the access to academic english: the development of a meta-linguistic curriculum. Also on the linguistic/language area we have a very interesting paper on Catalan: The Renaissance of Europe's Stateless Language: A Paradigm for the Irish Language Revival? By Aidan Collins

Once again, we hope that you enjoy the papers in this issue of the ITB Journal.

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