

### Databases cont.

#### **ISI Web of Knowledge**

This comprehensive database host provides seamless access to *ISI Science Citation Expanded*, *Social Sciences Citation Index* and *Arts & Humanities Citation Index*. It enables users to search current and retrospective multidisciplinary information from approximately 8,500 of the most prestigious, high impact research journals in the world.

#### **International Nuclear Information Systems (INIS)**

The leading information source for scientific and technical literature published worldwide on the peaceful applications of nuclear science and technology

#### **General Onefile**

A one-stop source for news and periodical articles on a wide range of topics: business, computers, current events, economics, education, environmental issues, healthcare, humanities, law, literature and art, politics, science, social science, sports, technology, and many general interest topics. As of September 2007 this resource contained over 63 million articles.

**All of the above and more are available via the library website**

**<http://library.gmit.ie/screens/edbases.html>**

**To access these databases you will need to authenticate yourself as a GMIT student by entering your name, ID number and a library PIN (Personal Identification Number)**

**See PIN guide for details**

#### **Multimedia**

The library holds an extensive collection of CD-Roms, DVDs, video, audio, microfiche and microfilm that are available for use in the Multimedia Room.

For a complete list please view the Library Collections link on the library website <http://library.gmit.ie>

#### **Internet**

PCs providing access to the Internet are available for library users with current GMIT ID cards.

#### **Exam papers**

Past exam papers can be viewed or printed from the library website <http://library.gmit.ie>

### Contact details

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GMIT Library



GMIT Library

Science  
Guide

GMIT Library

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# Science

GMIT library holds a broad range of resources, both printed and electronic, to support the many subjects studied in the School of Science.

Printed resources include books, journals, theses, official publications, exam papers and lecturer's material.

Electronic and multimedia resources include online journals, databases, Internet access, CD-Roms, DVDs, video, audio, microfiche and microfilm.

This guide gives a brief description of the science resources available in the library. For further information on any of the services, facilities or resources available please contact staff at the Information Desk or refer to the other library guides.

## Library Catalogue and Website

The online library catalogue is the starting point for locating information on a particular subject. It is a searchable listing of all the materials held in GMIT Libraries. Each catalogue record provides bibliographical information on an item as well as GMIT holding information such as Dewey class number (shelf number), location and availability.

In addition the Library website may be used to access GMIT library's electronic resources, reserve items, submit Inter Library Loan requests, view your own library account or make suggestions to the library.

Available: <http://library.gmit.ie>

## Printed Resources

### Books

There are approx. 100,000 volumes held in GMIT Libraries. They are shelved in subject order according to the Dewey Decimal Classification system. Each book in the library is assigned a Dewey class number that identifies its subject matter. This number can be found on the spine of the book. As Dewey is a numerical system, the books are arranged on the shelves in numerical order.

The following is a broad outline of the Dewey numbers in the Science area.

|         |                                  |
|---------|----------------------------------|
| 003-006 | Computer science and systems     |
| 400-499 | Languages                        |
| 510-519 | Mathematics                      |
| 520-529 | Astronomy                        |
| 530-539 | Physics                          |
| 540-549 | Chemistry                        |
| 550-559 | Earth sciences (Geology)         |
| 560-569 | Fossils and prehistoric life     |
| 570-579 | Life sciences (Biology)          |
| 580-589 | Plants (Botany)                  |
| 590-599 | Animals (Zoology)                |
| 610-619 | Medicine (Includes Pharmacology) |
| 639     | Aquaculture                      |
| 660     | Chemical engineering             |

001-499 and 700-999 are held on the Ground Floor.  
500-699 are held on the First Floor.

### Journals

Journals are often the most up-to-date source of information on a topic. GMIT Libraries subscribe to approx. 500 print journal titles, many of which relate to science. The current year's journals are shelved on the Ground Floor behind the stairs and are arranged in subject order using Dewey class numbers.

|      |     |                             |
|------|-----|-----------------------------|
| E.g. | 004 | <i>Irish Computer</i>       |
|      | 500 | <i>Scientific American</i>  |
|      | 543 | <i>Analytical Chemistry</i> |

### Journals cont.

Back issues of journals are held on the journal shelves 001-499 and 700-999 are on the Ground Floor and 500-699 are located on the First Floor  
An additional 8,500 full text journals are available in electronic format via the online databases.

See *Electronic Resources*

### Theses

Masters of Science and other degree and diploma theses are held in the Restricted Loan area beside the Circulation Desk on the Ground Floor. They may be used in the library for up to 3 hours at a time.

### Desk Reserve & Lecturer's Material

Heavily used items and lecturer's material is held on Desk Reserve at the Circulation/Information Desk on the Ground Floor and may be used in the library for 3 hours at a time.

### Other

Other printed resources include Government and EU Publications, Acts, Judgements, Company Reports and Exam Papers

## Electronic & Multimedia Resources

### Online Journals

Online versions are available for many of the printed journals by following the link on the catalogue record to the electronic version. In addition thousands of journals are available in electronic format via the databases.

### Databases

#### Science Direct

An excellent resource allowing access to over 2000 internationally renowned technical and medical peer-reviewed journals. Users can view full text of over 7 million articles and abstracts of over 70 million articles. In addition users can search MEDLINE, the American National Library of Medicine's bibliographic database.