

- **Databases cont.**

Academic & General Onefile

Both the Academic OneFile and General OneFile databases are available to be searched together as Powersearch. **Gale PowerSearch** provides GMIT patrons with access to almost all the Gale content in the library's collection through one, single search query. Academic OneFile is the premier source for peer-reviewed, full-text articles from the world's leading academic journals and reference sources. With extensive coverage of the physical sciences, technology, and other subjects, Academic OneFile is both authoritative and comprehensive. With millions of articles available in both PDF and HTML full-text with no restrictions, researchers are able to find accurate information quickly. Includes full-text coverage of the *New York Times* back to 1995.

Academic Search Premier

Academic Search Premier, is a multi-disciplinary full text database containing full text for more than 4,650 journals, including more than 3,900 peer-reviewed titles. In addition to the full text, this database offers indexing and abstracts for over 8,450 journals. This scholarly collection offers information in nearly every area of academic study including: computer sciences, engineering, physics, chemistry, and many more.

Science Direct

An excellent full-text 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 60 million articles.

Emerald

Primarily a management and business resource, Emerald also provides access to a specialist range of engineering and applied science and technology journals. Full text articles are available back to 1967.

Wiley InterScience

Provides quality content across a broad range of disciplines, including engineering. It provides access to full text journals, reference works, books and databases from around the world. There is access to abstracts of 1400 journals, and full text is available on subscribed titles.

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)

- **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

- **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>

- **Exam papers**

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

- **Internet**

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

- **EndNote**

PCs providing access to EndNote are available in the Research Room, training on this service is provided by library staff on request.

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GMIT Library

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GMIT Library

Engineering
Guide



Engineering

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

Printed resources include:

- Books
- Journals
- Theses
- Official publications
- Exam papers
- Lecturers' material

Electronic and multimedia resources include:

- Databases
- Online journals
- Internet access
- Exam papers
- CDs, DVDs
- Video and audio
- Microfilm and microfiche

For further information on any of the services, facilities or resources available in the library please contact staff at the Information Desk or refer to the other library guides.

Library Catalogue & 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. In addition the Library website may be used to access GMIT library's electronic resources, exam papers and your library account.

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

Printed Resources

• Books

There are approx. 119,000 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 class or shelf numbers that are relevant to Engineering.

003 - 006 Computer science and systems

333.33 Property

340 - 349 Law

400 - 499 Languages

510 - 519 Mathematics

600 Technology

620 - 629 Engineering

620.004 CAD and instrumentation

620.1 Mechanics and materials engineering

621.3 Electrical and electronic engineering

624 Civil engineering

627 Hydraulic engineering

628 Environmental protection engineering

629.2 Motor vehicles

634.9 Forestry

658.5 Production management

670 Manufacturing

690 Building and construction

720 Architecture

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. 450 print journal titles, many of which relate to engineering. The current year's journals are shelved on the Ground Floor behind the stairs and are arranged in subject order using Dewey class numbers.

• Journals cont.

E.g. 621.38 *Elektor Electronics*

624 *New Civil Engineer*

670 *Manufacturing Engineering*

Back issues of journals are held on the journal shelves 001-499 700-999 on the Ground Floor

500-699 on the First Floor

An additional 8,500 full text journals are available in electronic format via the online databases.

See *Electronic Resources*

• Theses

Building, Civil, Construction, Industrial, Production, Property Management, Technology and Masters of Engineering 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 and Lecturers' Material

Heavily used items and lecturers' material are 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, Court Judgements, Irish and British Standards, Company Annual Reports and Exam Papers.

Electronic & Multimedia Resources

• Databases

Databases are online collections of journal articles etc. on various subjects. Available via the library website, the databases most relevant to Engineering include:

Info4Education

This database is a complete reference source to British Standards, legislation and other guidance documents related to construction, health and safety and pharmaceuticals. Also provides access to product catalogues covering the construction engineering, process and electronics industries.