Searching the Databases for Articles

- **Go to:** http://www.uj.ac.za/library
- **Click on:** *Subject Collections* to select subject specific databases OR
- **Click on:** Databases to view all available databases.
- **Access to Databases:** It requires your Surname, Student/Staff number & Library PIN number (easy to create).
- **Click on:** Required database to start your search.
- The databases have Basic and Advanced search options;
- **NOTE**: Each database can be searched with the help of **THESAURUS, TOPICS, INDEXES**.
- In the Search/Find box, type the terms/keywords representing your topic
- You can combine your keywords with the Boolean operators (**AND, OR, NOT**) to narrow or broaden your search.
- Additional limitations, which can narrow your search results, are: *full-text articles only*, *time frame*, *type of documents* (scholarly journals; magazines, books, dissertations), etc.
- If no results are displayed, check your spelling, change your keywords, use less keywords, add a keyword or use a synonym for the keyword.
- Once you have the results list, you can re-arrange them for example, according to the most relevant or recent articles.
- If the results are available in full-text, a number of options are available to view them: Full Text, Text & Graphics or PDF formats. Choose PDF if you want to print.
- **SELECT** the records you would like to access.
- You can **PRINT/SAVE/E-MAIL/EXPORT**.
- If only an Abstract of the article is available, then search the **UJLInk** (Library Catalogue) or check against the **CASE: A-to-Z journal list** for full-text availability.

Searching TIPS: Boolean Operators

AND — Combines search terms so that each search results contains all of the terms. For example, **science** AND **technology** finds articles that contain *both terms*.

OR — Combines search terms so that each search result contains at least one of the terms or both. For example, **science** OR **technology** finds results that contain *either* or *both terms*.

NOT— Excludes terms so that each search result does not contain any of the terms that follow it. For example, **science** NOT **technology** finds results that contain the term *science* but not the term *technology*.

   If you need further assistance, please contact your librarian.

Looking for a SPECIFIC JOURNAL

- **Go to:** http://www.uj.ac.za/library
- **Click on:** Subject Collections OR
- **Click on:** CASE A-to-Z journals
- Type the required journal title

Search:

Filter:
Title ▼ Begins with ▼

Available Databases:
Any ▼

Results per page:
10 ▼   Submit

- **Click on**: Search
- If the journal is available in full-text, the available access options will be displayed.
- If available electronically, click on the journal title hyperlink. Then select the required volume, issue and page to download or print the article.
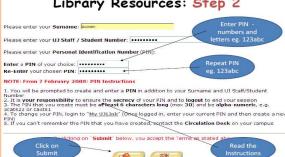- If available in print, click on [Search] link to display the location & shelf number

Create PIN for access to the UJ Library Resources: Step 1

My UJLink Verification

A. - Enter surname

Please enter your **Surname**:

B. – Enter Student No.

Please enter your **UJ Staff / Student Number**:

Please enter your **Personal Identification Number** (PIN):
(Didn't create a PIN yet? Click on Submit below)

NOTE: From 7 February 2008: PIN Instructions
1. You will be prompted to create and enter a **PIN** in addition to your Surname and UJ Staff/Student Number
2. It is **your responsibility** to ensure the **secrecy** of your PIN and to **logout** to end your session
3. The PIN that you create must be **at least 6 characters long** (max 30) and be **alpha-numeric**, e.g. 3cats22 or ca4ts1
4. To change your PIN, login to "**My UJLink**" (Once logged in, enter your current PIN and then create a new PIN)
5. If you can't remember the PIN that you have created, contact the **Circulation Desk** on your campus

By clicking on "**Submit**" below, you accept the Terms as stated

C. - Click on Submit

Submit   Reset Form

Create PIN for Access to the UJ Library Resources: Step 2

Please enter your **Surname**: bowen

Enter PIN - numbers and letters eg. 123abc

Please enter your **UJ Staff / Student Number**: ●●●●●●●●

Please enter your **Personal Identification Number** (PIN):

Enter a **PIN** of your choice: ●●●●●●●●
Re-Enter your chosen **PIN**: ●●●●●●●●

Repeat PIN eg. 123abc

NOTE: From 7 February 2008: PIN Instructions
1. You will be prompted to create and enter a **PIN** in addition to your Surname and UJ Staff/Student Number
2. It is **your responsibility** to ensure the **secrecy** of your PIN and to **logout** to end your session
3. The PIN that you create must be **at least 6 characters long** (max 30) and be **alpha-numeric**, e.g. 3cats22 or ca4ts1
4. To change your PIN, login to "**My UJLink**" (Once logged in, enter your current PIN and then create a new PIN)
5. If you can't remember the PIN that you have created, contact the **Circulation Desk** on your campus

By clicking on "**Submit**" below, you accept the Terms as stated ab...

Click on Submit   Read the Instructions

Submit   Reset Form

University of Johannesburg Library & Information Centre

Breaking Knowledge Boundaries

Electronic Resources @ the Library

Sciences Databases
Kingsway Campus

Access through the Library website:
http://www.uj.ac.za/library

or
Sciences Librarian Portal

http://ujsciencelibrarian.pbworks.com

Sciences Library News
- Databases
- Open Access
- Trial Databases

http://ujscienceslibrarynews.wordpress.com

Databases for Sciences

MULTIDISCIPLINARY DATABASES

- **Academic Search Premier** (EbscoHost)
- **Academic OneFile** (Infotrac)
- **Cambridge Journals** (Full text) (New in 2010)
- **DIALOG** (Ask your librarian; Password required)
- **FS Article First** (SabinetOnline)
- **MasterFile Premier** (EbscoHost)
- **Journal Citation Report** (JCR)(2005+)
- **JSTOR** (Moving wall for full-text 3-5 years)
- **Proquest Theses & Dissertations** Full text (New in 2010)
- **Science Citation Index** (ISI Web of Science, 1981+)
- **ScienceDirect** (Full text starts from 1995+)
- **SpringerLink** (Archive + current)
- **Wiley Interscience** (Full text starts from 1997+)
- **Google Scholar** (Academic journals)

SOUTH AFRICAN DATABASES

- **Africa-Wide Nipad** (EbscoHost, Abstract)
- **SA E-Publications:** South African journals
- **SA Media** (SabinetOnline) South Africa's newspapers
- **Government Gazette** (SabinetOnline) (Full text)
- **Provincial Gazette:** Provincial newspapers (Full text)
- **SA Institute of Race Relations** (Statistical data on SA: Demographics, Living conditions, Welfare, etc.)
- **SA Survey Online** (Demographics, Statistics, etc.)
- **EasyData** (Password is required, pkovatcheva@uj.ac.za)
- **Who Owns Whom** (on Campus only) (SA Industry reports & Company profiles)

BIOSCIENCES (Incl. Biochemistry, Botany & Zoology)

- **Biological & Agricultural Index** (EbscoHost, 1983+)
- **BioMed Central** (Open Access)
- **BioOne** (BioSciences journals) (Abstracts)
- **BIOSIS Preview** (Dialog) (Password required. Contact: pkovatcheva@uj.ac.za) (Abstracts, 1926+)
- **CABI Databases** (*Aromatic and Medicinal plants; Crop Physiology; Horticulture Science; Ornamental Horticulture; Plant Growth Regulators; Plant Pathology; Postharvest Research*) (Abstracts)
- **EMBASE** (Dialog) (Password required. Contact: pkovatcheva@uj.ac.za) (Biomedical & Pharmacological)
- **Current Contents Connect** (ISI Web of Knowledge) **-** *Agriculture, Biology & Environmental Sciences* - *Life Sciences*
- **Parasitology Database** (Abstracts)
- **PubMed Central** (Open Access)
- **Water Resources Worldwide** (EbscoHost; Abstracts)

CHEMISTRY (incl. Biochemistry)

- **Analytical Abstracts** (Abstracts)
- **American Chemical Society: ACS** (Full text)
- **Chemical Abstracts Online (SciFinder)** (Abstracts)
- **Current Contents Connect** (ISI Web of Knowledge, 1998+) - *Physical, Chemical & Earth Sciences*
- **Royal Society of Chemistry: RSC** (Full text)
- **Combined Chemical Dictionary** (*Dictionary of Organic Compounds; Dictionary of Natural Products; Dictionary of Inorganic and Organometallic Compounds; Dictionary of Pharmacological Agents; Dictionary of Analytical Reagents*)
- **CSD** (Cambridge Structural Database) (C Lab)
- **Gmelin/Beilstein** (structures) (C Lab)
- **Handbook of Chemistry & Physics** (CD-Rom, Library)
- **ICSD** (Inorganic Crystal Structural Database) (C Lab)
- **International Tables of Crystallography** (SpringerLink)
- **Ullmann's Encyclopedia of Industrial Chemistry** (CD-Rom, APK Library)

GEOLOGY

- **Current Contents Connect** (ISI Web of Knowledge,1998+) - *Agriculture, Biology & Environmental Sciences* - *Physical, Chemical & Earth Sciences* (PCES)
- **Data Metallogenica** (Password is required)
- **GeoRef/ GeoScienceWorld** (Abstracts & full-text)
- **GreenFile** (EbscoHost; Abstracts)
- **ICE Geotechnique Archive** (1848-2002)(New in 2010)
- **SAGEOLIT** (SabinetOnline; Abstracts)
- **Water Resources Worldwide** (EbscoHost; Abstracts)

GEOGRAPHY & ENVIRONMENTAL SCIENCES

- **Biological & Agricultural Index** (via EbscoHost, 1983+)
- **Current Contents Connect** (ISI Web of Knowledge,1998+) **-** *Agriculture, Biology & Environmental Sciences*
- **Encyclopedia of Energy**
- **Energy Citation Database** (Abstracts, 1943 +; Partly Full text; Physics, Energy, Mathematics)
- **GeoRef/ GeoScienceWorld** (Abstracts & Full-text)
- **GreenFile** (EbscoHost; Abstracts)
- **IEEE/IET Electronic Library (IEL)** (Journals & Proceedings Full text, 1913 +, Energy)

INFORMATION TECHNOLOGY

- **ACM** : Association of Computing Machinery (Full text)
- **Academic OneFile** (incl. Computer database) (Full text)
- **CoRR: Computing Research Repository** (Open Access, Sponsored by ACM)
- **Current Contents Connect** (ISI Web of Knowledge, 1998+) - *Engineering, Computing & Technology* (ECT)
- **Emerald** (Full-text; Computer Science; Management)

- **IEEE/IET Electronic Library (IEL)** (Journals & Proceedings Full text, 1913+)

MATHEMATICS & STATISTICS

- **ArXiv.org** (Open Access; Cornell University Repository; Mathematics, Nonlinear Sciences, Quantitative Finance & Statistics)
- **MathSciNet** (Based on Mathematical Reviews, Books, Journals, Proceedings, 1940+)
- **PhysMath Central** (Open Access Physics & Mathematics)

PHYSICS

- **APS Prola** (Archive + Current, Full text)
- **ArXiv.org** (Open Access; Physics; Astrophysics, etc.)
- **Astrophysics Data System** (SAO/NASA) (Abstracts + Full text)
- **Current Contents Connect** (ISI Web of Knowledge, 1998+) - *Physical, Chemical & Earth Sciences* (PCES)
- **Energy Citation Database** (Abstracts, 1943 +; Partly Full text; Physics, Energy, Mathematics)
- **Inspec** (via EngineeringVillage 2)(Physics Abstracts)
- **Institute of Physics** (IOP) (Archive & current; Full text)
- **Handbook of Chemistry & Physics** (CD-Rom, APK Library)

RELEVANT ENGINEERING RESOURCES

- **Emerald Engineering journals** (Full text)
- **Engineering Village2** (EV2) (incl. Compendex, Inspec)
- **IEEE/IET Electronic Library (IEL)** (Journals & Proceedings Full text, 1913+)
- **IHS Standards** (Engineering Village 2)
- **Patents ESR@ceNet** (via EV2, Full text)

RELEVANT ONLINE BOOKS

- **Access Engineering** (e-books)
- **Books 24/7** (IT, Science & Engineering) (New in 2010)
- **CRCnetBASE** (e-books collections)
  - EnvironNetBase (New in 2010)
  - MATERIALSnetBase
  - TELECOMMUNICATIONSnetBase
- **Referex** (via EV2, e-books)

UJLink (Library Catalogue) & CASE: A-to-Z journals list

Harvard & APA Reference Techniques are available through the Library web page: http://www.uj.ac.za/library

Ask-A-Librarian (Online)
Submit your query by completing our online form
http://0-152.106.2.161.ujlink.uj.ac.za/QP/QP.htm

Sciences Librarian @ APK Library
Pavlinka Kovatcheva
Tel: 011 559-2621; e-mail: pkovatcheva@uj.ac.za