

User Guide : ACM Digital Library

ACM Digital Library is the full-text repository published in the computing field and serves the computing profession with leading-edge publications, conferences, and other career resources. It covers Core Package of 39 titles published by (ACM) Association of Computing Machinery.

Home Page

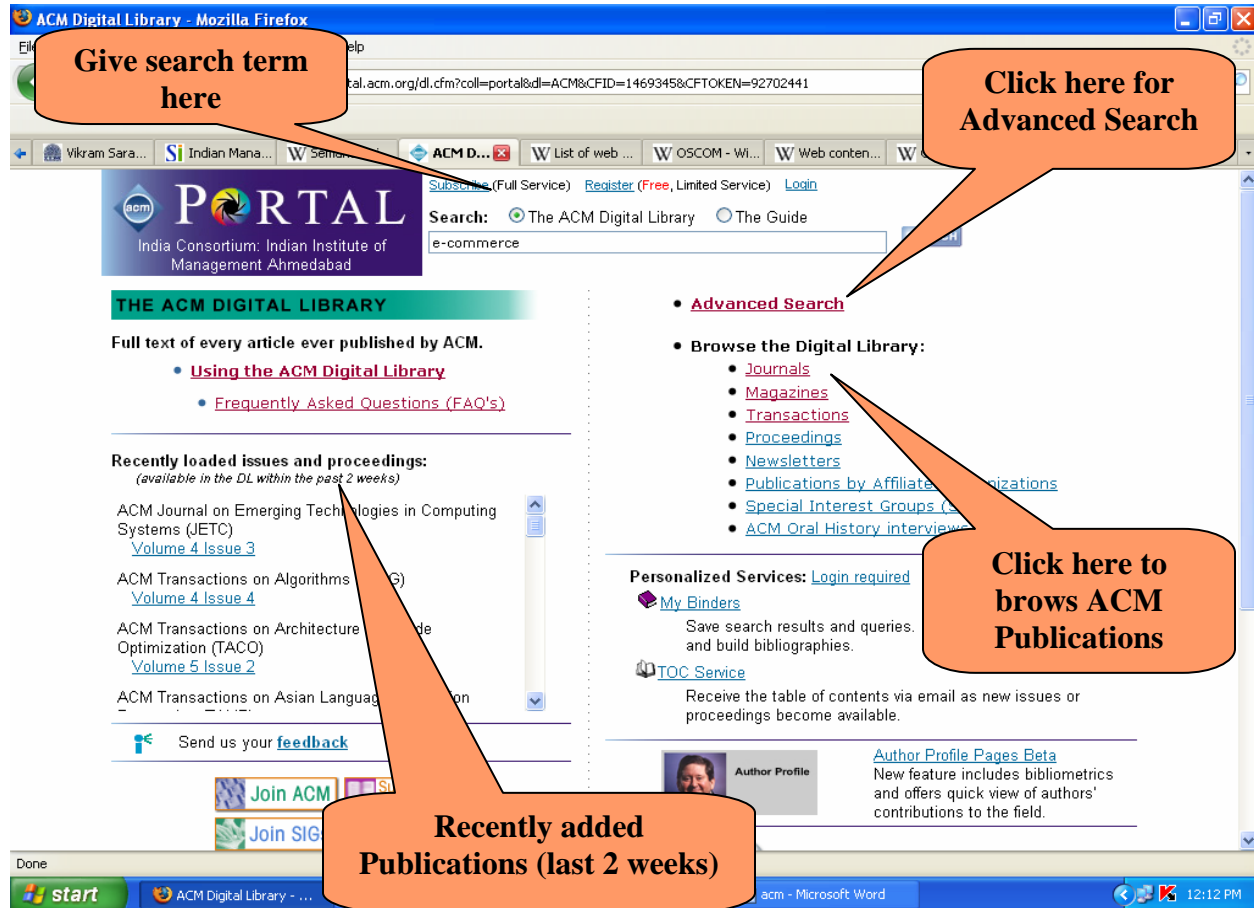


There are two default tabs on the top of search box.

1. **The ACM Digital Library:** Its full text collection of every article published by ACM, including over 50 years of achieves.
2. **The Guide to Computing Literature:** Its bibliographic collection from major publishers in computing with over one million entries.

Select first tab to search full text publication of ACM.

The ACM Digital Library search page

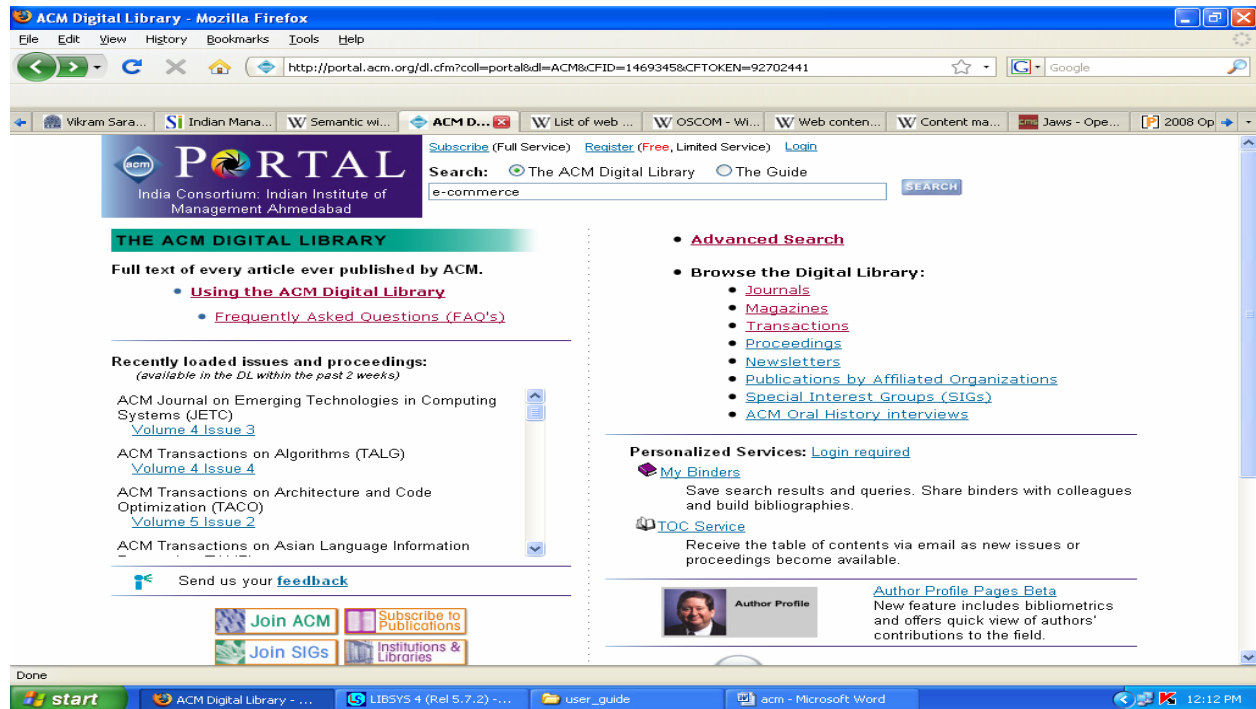


The screenshot shows the ACM Digital Library search page in a Mozilla Firefox browser. The page features a search bar with the text "The ACM Digital Library" and "e-commerce". Below the search bar, there are several sections: "THE ACM DIGITAL LIBRARY" with a description and links to "Using the ACM Digital Library" and "Frequently Asked Questions (FAQ's)"; "Recently loaded issues and proceedings:" with a list of publications including "ACM Journal on Emerging Technologies in Computing Systems (JETC)", "ACM Transactions on Algorithms", "ACM Transactions on Architecture Optimization (TACO)", and "ACM Transactions on Asian Language Information Systems"; "Advanced Search" link; "Browse the Digital Library:" with links to "Journals", "Magazines", "Transactions", "Proceedings", "Newsletters", "Publications by Affiliated Organizations", "Special Interest Groups (SIGs)", and "ACM Oral History interviews"; "Personalized Services:" with links to "My Binders" and "TOC Service"; and "Author Profile Pages Beta" with a description of the new feature. Three callout boxes are present: one pointing to the search bar with the text "Give search term here", one pointing to the "Advanced Search" link with the text "Click here for Advanced Search", and one pointing to the "Recently loaded issues and proceedings:" section with the text "Recently added Publications (last 2 weeks)".

Here, user will find:

- Simple search box to search ACM
- Advance search link
- Categories of ACM publications i.e. journals, magazines, transactions, proceedings, newsletters.
- Recently loaded issues and proceedings (within past two weeks).

Simple Search (Keyword: e-commerce)

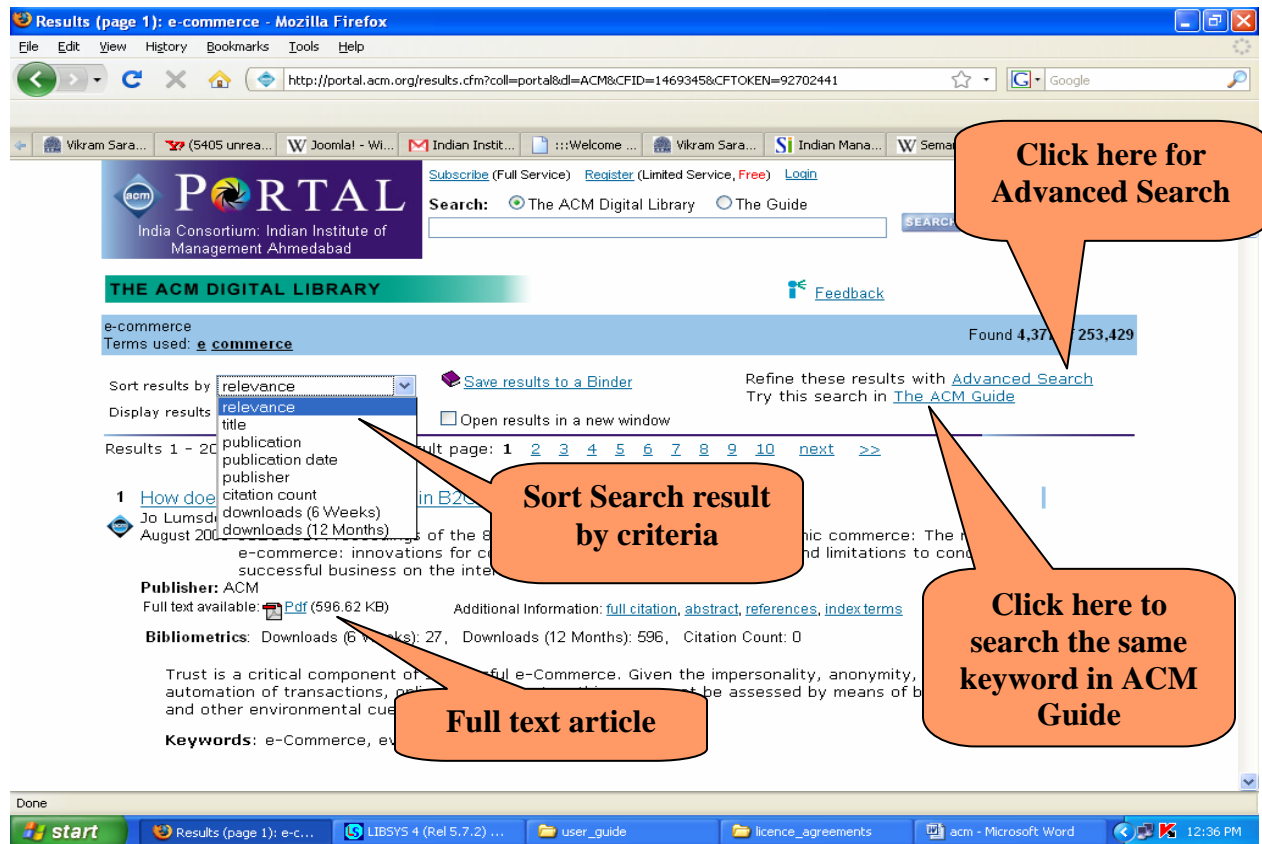


Simple Search: Give any term/keyword of your choice to search. Make sure that you have selected appropriate tab given above the search box.

For example we give keyword *e-commerce* following result will be displayed.



Simple Search (continue...)

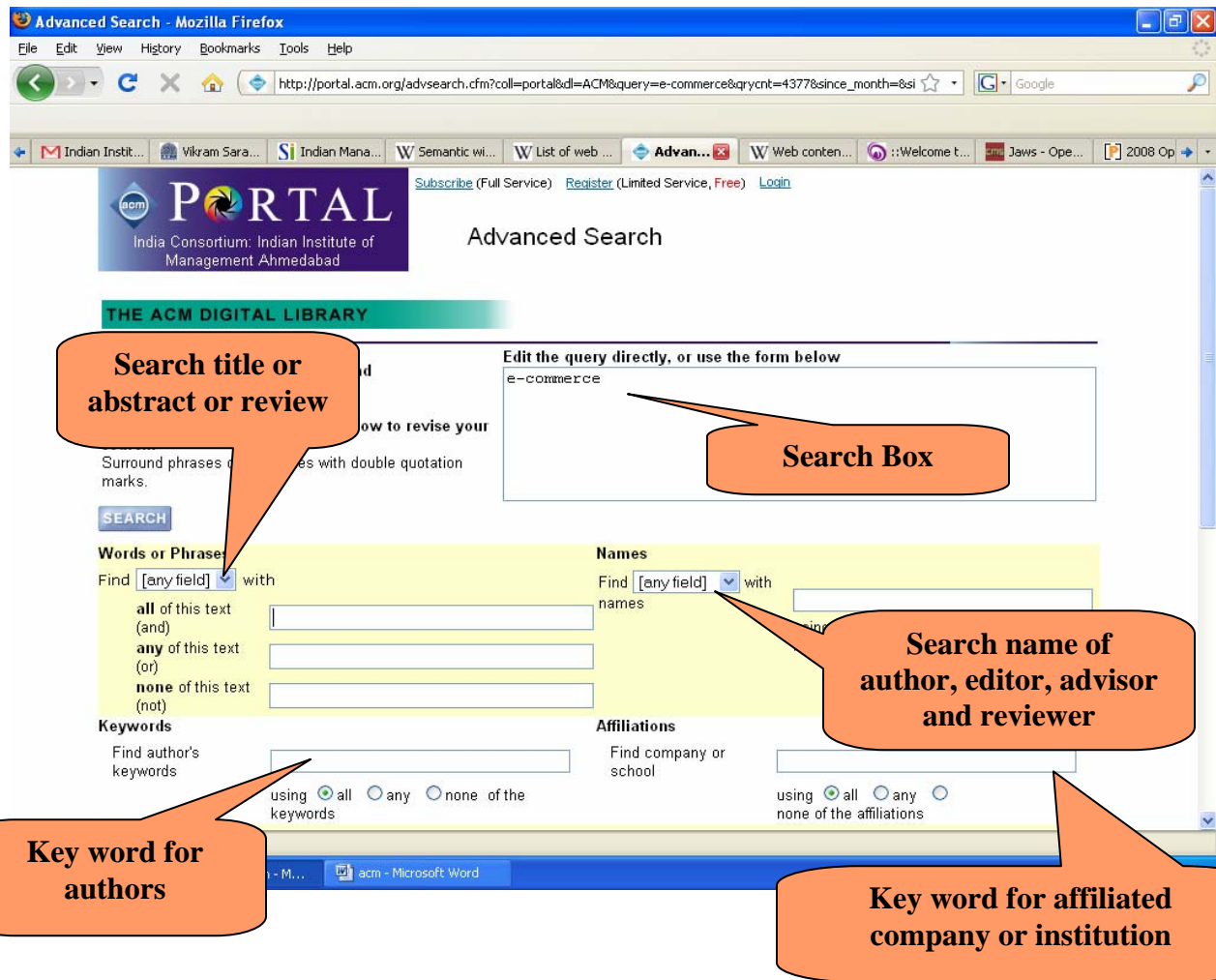


The screenshot shows the ACM Portal search results for the keyword 'e-commerce'. The page displays a search bar, a list of search results, and various navigation options. Callouts highlight specific features: 'Click here for Advanced Search' points to the 'Advanced Search' link; 'Sort Search result by criteria' points to the 'Sort results by' dropdown menu; 'Full text article' points to the 'Full text available' link; and 'Click here to search the same keyword in ACM Guide' points to the 'The ACM Guide' link.

Here, user will find:

- **Sort Search result:** Here few options are given to sort search like relevance, title, publication date, publisher, citation count, number of downloads.
- PDF link for full text article
- Advanced Search option to refine the search
- Link to switch over search on ACM Guide

Advanced Search

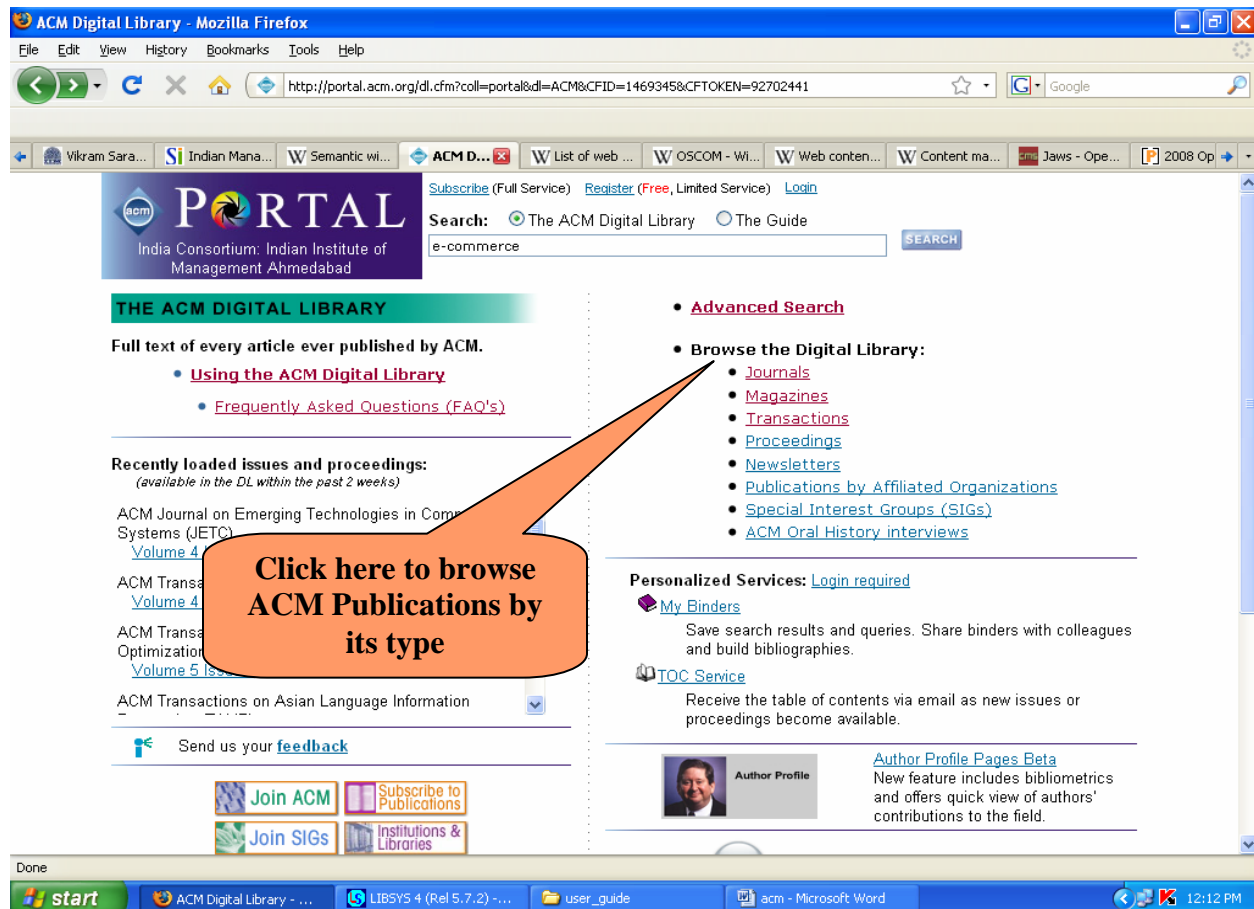


The screenshot shows the ACM Portal Advanced Search interface. The page title is "Advanced Search" and the URL is http://portal.acm.org/advsearch.cfm?coll=portal&dl=ACM&query=e-commerce&qrycnt=4377&since_month=&si. The page features a search box at the top with the text "e-commerce". Below the search box, there are four main search categories: "Words or Phrases", "Names", "Keywords", and "Affiliations". Each category has a "Find" dropdown menu and a "with" dropdown menu. The "Words or Phrases" category has options for "all of this text (and)", "any of this text (or)", and "none of this text (not)". The "Names" category has a "with" dropdown menu. The "Keywords" category has a "Find author's keywords" input field and radio buttons for "all", "any", and "none of the keywords". The "Affiliations" category has a "Find company or school" input field and radio buttons for "all", "any", and "none of the affiliations". There are also callouts for "Search title or abstract or review" pointing to the search box, "Search name of author, editor, advisor and reviewer" pointing to the "Names" section, "Key word for authors" pointing to the "Keywords" section, and "Key word for affiliated company or institution" pointing to the "Affiliations" section.

Here, user will find multiple options like:

- Search from title, abstract or review
- Search by name of author, editor, advisor and reviewer
- Search by company or institution
- Link to switch over search on ACM Guide

Brows all ACM Publications by its type



ACM Digital Library - Mozilla Firefox

http://portal.acm.org/dl.cfm?coll=portal&dl=ACM&CFID=1469345&CFTOKEN=92702441

India Consortium: Indian Institute of Management Ahmedabad

THE ACM DIGITAL LIBRARY

Full text of every article ever published by ACM.

- Using the ACM Digital Library
- Frequently Asked Questions (FAQ's)

Recently loaded issues and proceedings:
(available in the DL within the past 2 weeks)

ACM Journal on Emerging Technologies in Computer Systems (JETC)
Volume 4

ACM Transactions on Database Management Systems
Volume 4

ACM Transactions on Database Management Systems
Optimization
Volume 5

ACM Transactions on Asian Language Information

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Advanced Search

Browse the Digital Library:

- Journals
- Magazines
- Transactions
- Proceedings
- Newsletters
- Publications by Affiliated Organizations
- Special Interest Groups (SIGs)
- ACM Oral History interviews

Personalized Services: [Login required](#)

My Binders
Save search results and queries. Share binders with colleagues and build bibliographies.

TOC Service
Receive the table of contents via email as new issues or proceedings become available.

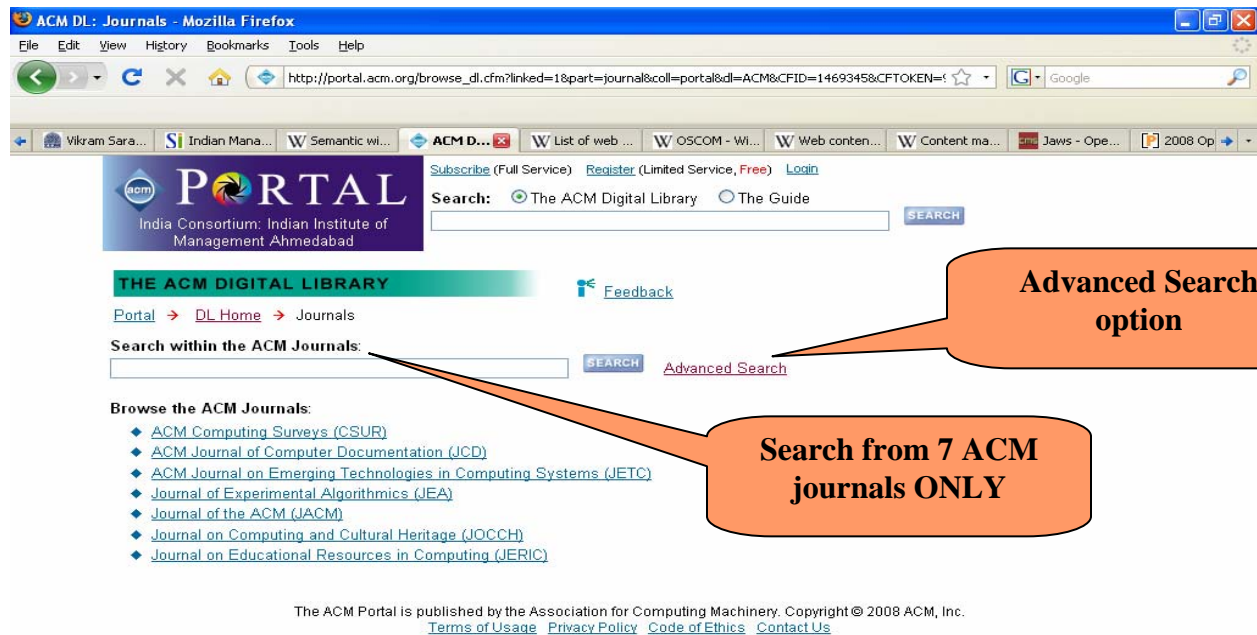
Author Profile
Author Profile Pages Beta
New feature includes bibliometrics and offers quick view of authors' contributions to the field.

Click here to browse ACM Publications by its type

ACM Publications are divided into following categories:

- Journals
- Magazines
- Transactions
- Proceedings
- Newsletters
- Publications by Affiliated Organizations
- Special Interest Groups (SIGs)
- ACM Oral History interviews

ACM Journals:

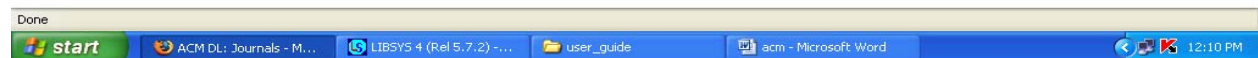


The screenshot shows the ACM Portal website in a Mozilla Firefox browser. The page title is "ACM DL: Journals - Mozilla Firefox". The address bar shows the URL: http://portal.acm.org/browse_dl.cfm?linked=1&part=journal&coll=portal&dl=ACM&CFID=1469345&CFTOKEN=. The page features a search bar with a "SEARCH" button and a radio button selection for "The ACM Digital Library" (selected) and "The Guide". Below the search bar, there is a section titled "THE ACM DIGITAL LIBRARY" with a "Feedback" link. The navigation path is "Portal → DL Home → Journals". A search box is labeled "Search within the ACM Journals:" with a "SEARCH" button and a link to "Advanced Search". A callout bubble points to the "Advanced Search" link with the text "Advanced Search option". Below this, there is a section "Browse the ACM Journals:" with a list of seven journals, each preceded by a diamond icon. A callout bubble points to this list with the text "Search from 7 ACM journals ONLY". At the bottom, there is a copyright notice: "The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc." with links for "Terms of Usage", "Privacy Policy", "Code of Ethics", and "Contact Us".

Advanced Search option

Search from 7 ACM journals ONLY

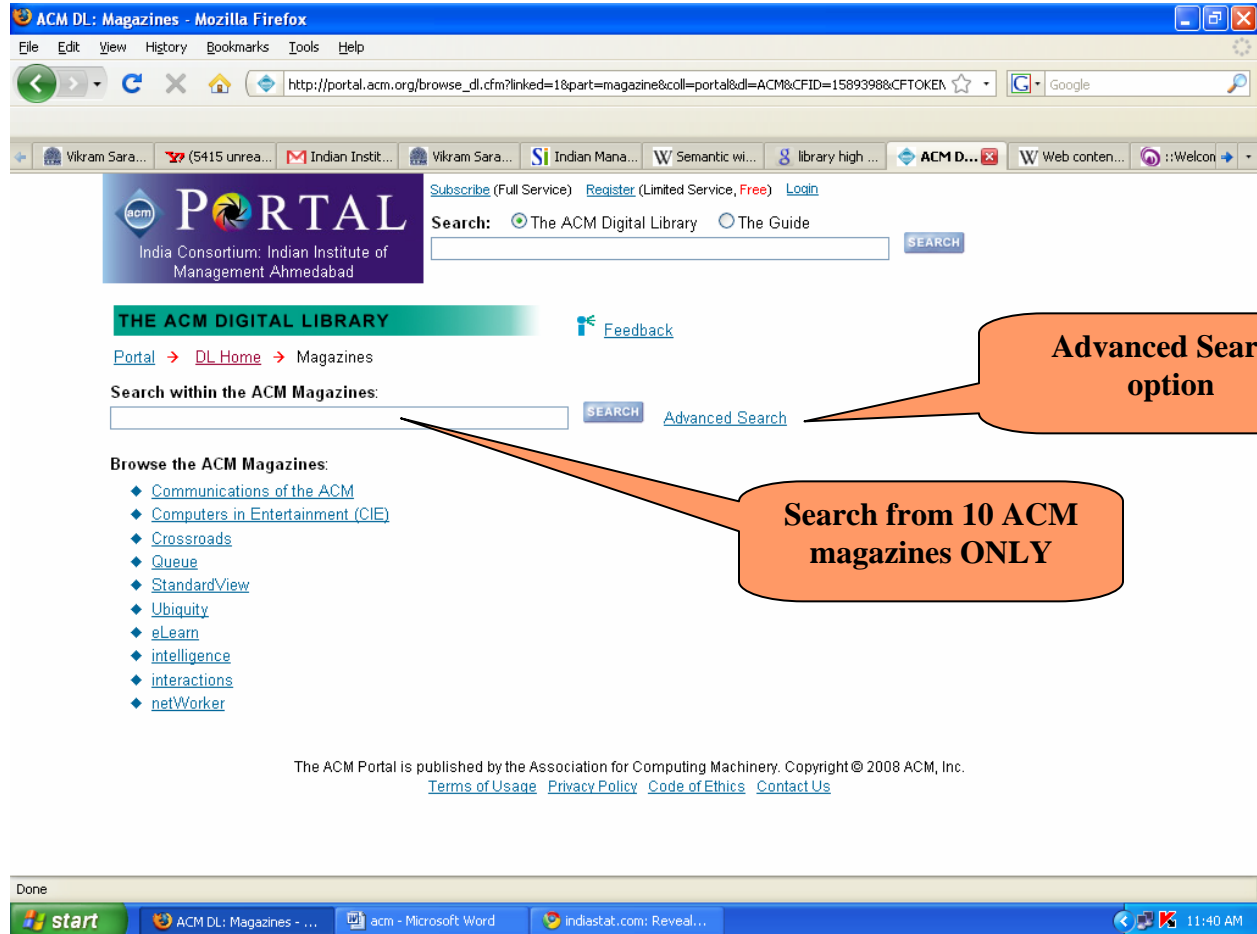
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ACM Journals:

- [ACM Computing Surveys \(CSUR\)](#)
- [ACM Journal of Computer Documentation \(JCD\)](#)
- [ACM Journal on Emerging Technologies in Computing Systems \(JETC\)](#)
- [Journal of Experimental Algorithmics \(JEA\)](#)
- [Journal of the ACM \(JACM\)](#)
- [Journal on Computing and Cultural Heritage \(JOCCH\)](#)
- [Journal on Educational Resources in Computing \(JERIC\)](#)

ACM Magazines:



The screenshot shows the ACM Portal website in a Mozilla Firefox browser. The page title is "ACM DL: Magazines - Mozilla Firefox". The address bar shows the URL: http://portal.acm.org/browse_dl.cfm?linked=1&part=magazine&coll=portal&dl=ACM&CFID=1589398&CFTOKEN. The page features a search bar with the text "Search: The ACM Digital Library" and a "SEARCH" button. Below the search bar, there is a section titled "THE ACM DIGITAL LIBRARY" with a "Feedback" link. The main content area includes a search bar with the text "Search within the ACM Magazines:" and a "SEARCH" button. A callout bubble points to the "Advanced Search" link, stating "Advanced Search option". Below the search bar, there is a section titled "Browse the ACM Magazines:" with a list of magazine categories: [Communications of the ACM](#), [Computers in Entertainment \(CIE\)](#), [Crossroads](#), [Queue](#), [StandardView](#), [Ubiquity](#), [eLearn](#), [intelligence](#), [interactions](#), and [netWorker](#). A callout bubble points to the "Advanced Search" link, stating "Search from 10 ACM magazines ONLY". At the bottom of the page, there is a footer with the text: "The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc. [Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)". The taskbar at the bottom shows the Windows Start button and several open applications: "ACM DL: Magazines - ...", "acm - Microsoft Word", and "indiatat.com: Reveal...". The system clock shows "11:40 AM".

ACM Magazines:

- [Communications of the ACM](#)
- [Computers in Entertainment \(CIE\)](#)
- [Crossroads](#)
- [Queue](#)
- [StandardView](#)
- [Ubiquity](#)
- [eLearn](#)
- [intelligence](#)
- [interactions](#)
- [netWorker](#)