

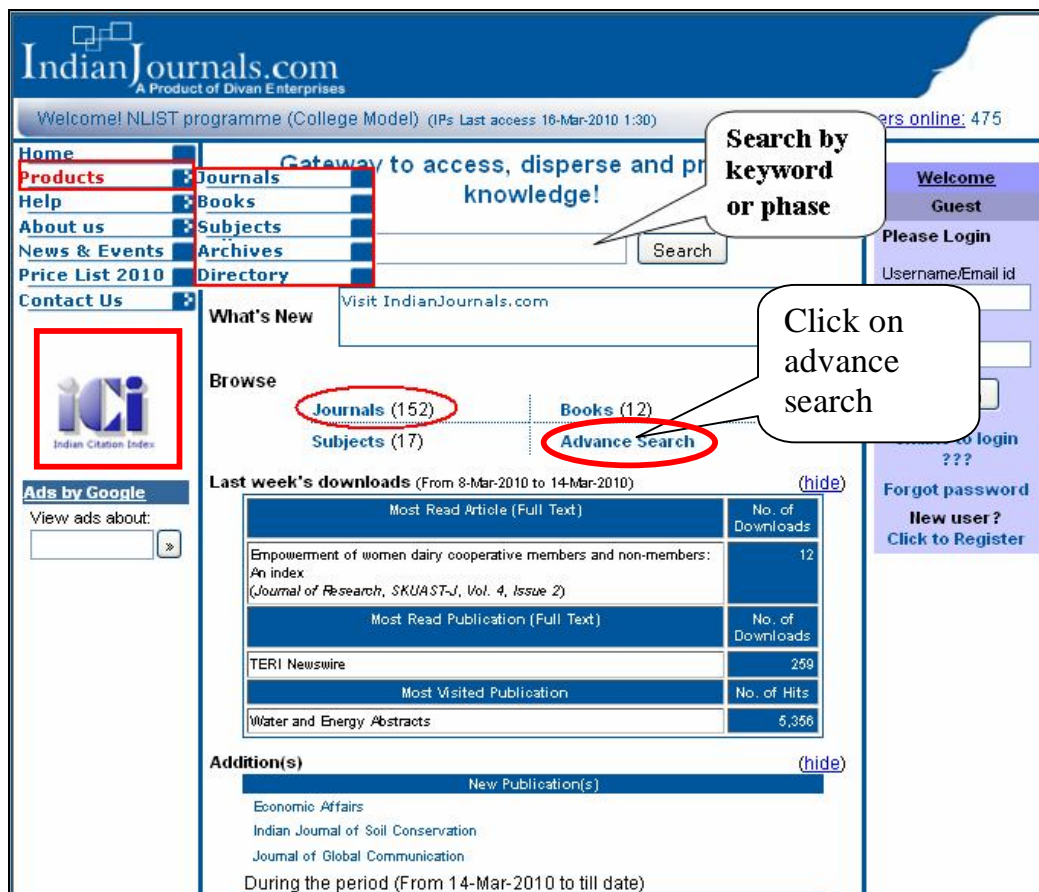
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Subject Coverage

Indian Journals.com covers 17 subjects mainly Agriculture Science, Animal Science, Applied Science & Technology, Business, Economics & Management, Library and Information Science, Medical Science etc.

Quick search

The home page of Indian Journals.com provides links for quick search, links to advance search and links to journals tiles. It also allows searching in Indian Citation Index and links to 14 open access publications. Quick search allows user to search content by keyword or phrase in the entire collection.



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Advance search

Advance search allows user to search article by:

- Author Name: - author surname(s) of article(s)
- Keyword: - article(s) keywords
- Abstract: - abstract of article(s)
- Title: - title of article(s). User can enter either phrase or whole content of the article title
- Full Text: - whole content of article(s)

The screenshot displays the IndianJournals.com website interface. At the top, the logo 'IndianJournals.com' is visible, along with the tagline 'A Product of Divan Enterprises'. Below the logo, there is a navigation bar with a 'Welcome!' message, a 'Visit indianjournals.com' button, and a 'Users online: 615' indicator. A login section includes fields for 'User name/Email id' and 'Password', with a 'Log In' button. On the left side, there is a vertical menu with links for 'Home', 'My Profile', 'Registration', 'Products', 'Help', 'About us', 'News & Events', 'Price List 2010', and 'Contact Us'. Below this menu is a 'Quick Search' section with a search box and a 'Search' button. The main content area is titled 'Advanced search' and contains a description: 'This advance search based on following areas with an optional field which makes flexible and accurate search only in :'. Below this description is a list of search criteria: 'Author Name: - author surname(s) of article(s)', 'Keyword: - article(s) keywords', 'Abstract: - abstract of article(s)', 'Title: - title of article(s). User can enter either phrase or whole content of the article title', and 'Full Text: - whole content of article(s)'. Each criterion is followed by a corresponding input field. The 'Publication' field is a dropdown menu currently set to 'All Journals'. At the bottom of the search form are 'Search' and 'Reset' buttons. On the far left, there is an 'Ads by Google' section with links to 'ROM Hotel', 'Rural Thailand', 'Thailand Visa', and 'Cheats'.

Browse journals

User can browse journals alphabetically. He / she can browse journals from amongst all publications or subscribed publications or open access publications.

The screenshot shows the IndianJournals.com homepage. At the top, it says "Welcome! NLIST programme (College Model) (IPs Last access: 16-Mar-2010 1:30) Users online: 473". There are input fields for "User name/Email id" and "Password" with a "Log In" button. A navigation menu on the left includes Home, My Profile, Registration, Products, Help, About us, News & Events, Price List 2010, and Contact Us. The main content area is titled "Browse publications" and has a search bar. Below the search bar, there are radio buttons for "Currently showing": All publications (selected), Open Access publications, Subscribed publications, and Subscribed and Open Access publications. A "Go" button is next to these options. A callout bubble points to these options with the text "Use these options to restrict search". Below this, it says "No. of publication(s) available for the selection(s) made: 172". There are buttons for "Journals", "Books", "Bulletins", and "Newsletters", with "Journals" circled in red. A callout bubble points to the "Journals" button with the text "Click on alphabets to browse journals". Below the buttons is a list of journal titles, with "Advances in Dynamical Systems and Applications" circled in red. A callout bubble points to this title with the text "Click on the journal title". Above the list of titles is an alphabet navigation bar: "A B C D E F G H I J K L M N O P Q R S T U V W X Y Z".

Click at the title of journals to visit journal page where he can search current issues, archives and some free sample issues as shown in the screenshot reproduced below.

The screenshot shows the journal page for "Advances in Computational Sciences and Technology". At the top, it says "Year 2009, Volume-2, Issue-3", "Print ISSN : 0973-6107", and "Online ISSN : 0974-4738". There are buttons for "Table of contents" and "RSS Feed". A callout bubble points to the "Table of contents" button with the text "Click on current issue to find TOC". Below the buttons is a list of articles with their authors. On the left side, there is a navigation menu with options like "Archive", "Registration", "Editorial Board", "Aims & Scope", "Author Guidelines", "News & Events", "Subscribe TOC Alerts", "FREE Sample Issue", "Trial Access", "Quick Search", and "Advanced Search". Below the list of articles, there is a "Publisher: Research India Publications" and "Print ISSN: 0973-6107". The "Number of issues per year: 3" and "Print frequency: Thrice a year" are also listed. The "Month(s) of publication: April, August and December" are listed. The "Description:" section states: "The Advances in Computational Sciences and Technology (ACST) is an international research journal, which publishes top-level work from all areas of Computational Sciences and Technology. Areas and subareas of interest include (but are not limited to) Programming Languages; Software Development; Graphics for Science and Engineering; Solid, Surface and Wireframe Modelling; Animation; Data Management and Display; Image Processing; Flight Simulation; VLSI Design; Process Simulation; Neural Networks and their Applications; Fuzzy Systems Theory and Applications; Fault-Tolerant Systems; Visual Interactive Modelling; Supercomputing; Optical Computing; Soft Computing; Data Structures and Network Architectures; Genetic Algorithms and Evolutionary Processes; Very Large Scale Scientific..."

Archive Search

Archive Search allows user to restrict his search by year and volume / issue. User has provision to click next and previous title without going back to the content page as shown below:

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- 2009
 - Volume-2, Issue-3
 - Volume-2, Issue-2
- 2008
 - Volume-1, Issue-3
 - Volume-1, Issue-2
- 2007
 - Volume-1, Issue-1

[Top](#)

Advances in Computational Sciences and Technology
Year : 2009, Volume : 2, Issue : 2
Print ISSN : 0973-6107. Online ISSN : 0974-4738.

Comparative Analysis of Triangle Stripification Methods

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Abstract

Triangle Surface models are nowadays most often used for geometric objects description in computer graphics. For visualization of triangulated surfaces, logical information is sent to the pipeline. This information contains the normal, color and texture information. Therefore, the problem of data is often solved. One of popular approaches is stripification. Stripification is a process of trying to rearrange polygonal data into strips. Stripification reduces the data size and avoid to redundant lig... rendering time by... computations. Stripification polygons could be... g vertices. This paper describes the algorithms for stripification and gives... performance analysis of these algorithms.

Keywords

strips, triangle mesh compression, rendering.

[PDF](#)

Alerts

Alerts enable user to receive intimation of new issues uploaded to the digital archive of indianjournals.com. User has to register their name and email for the site as shown in the figure below.

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