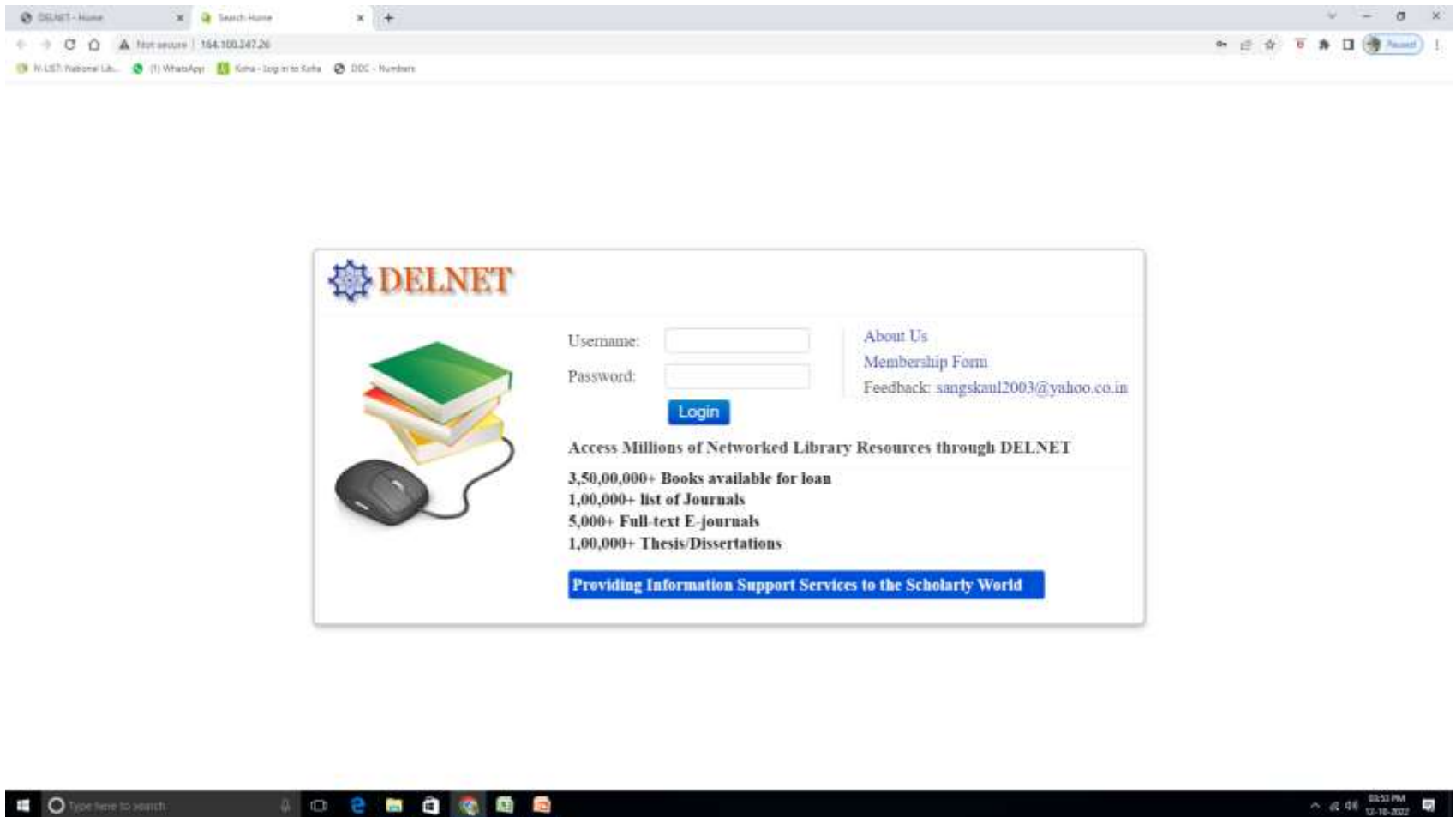


**VISAKHA GOVERNMENT DEGREE AND PG
COLLEGE FOR WOMEN
VISAKHAPATNAM**

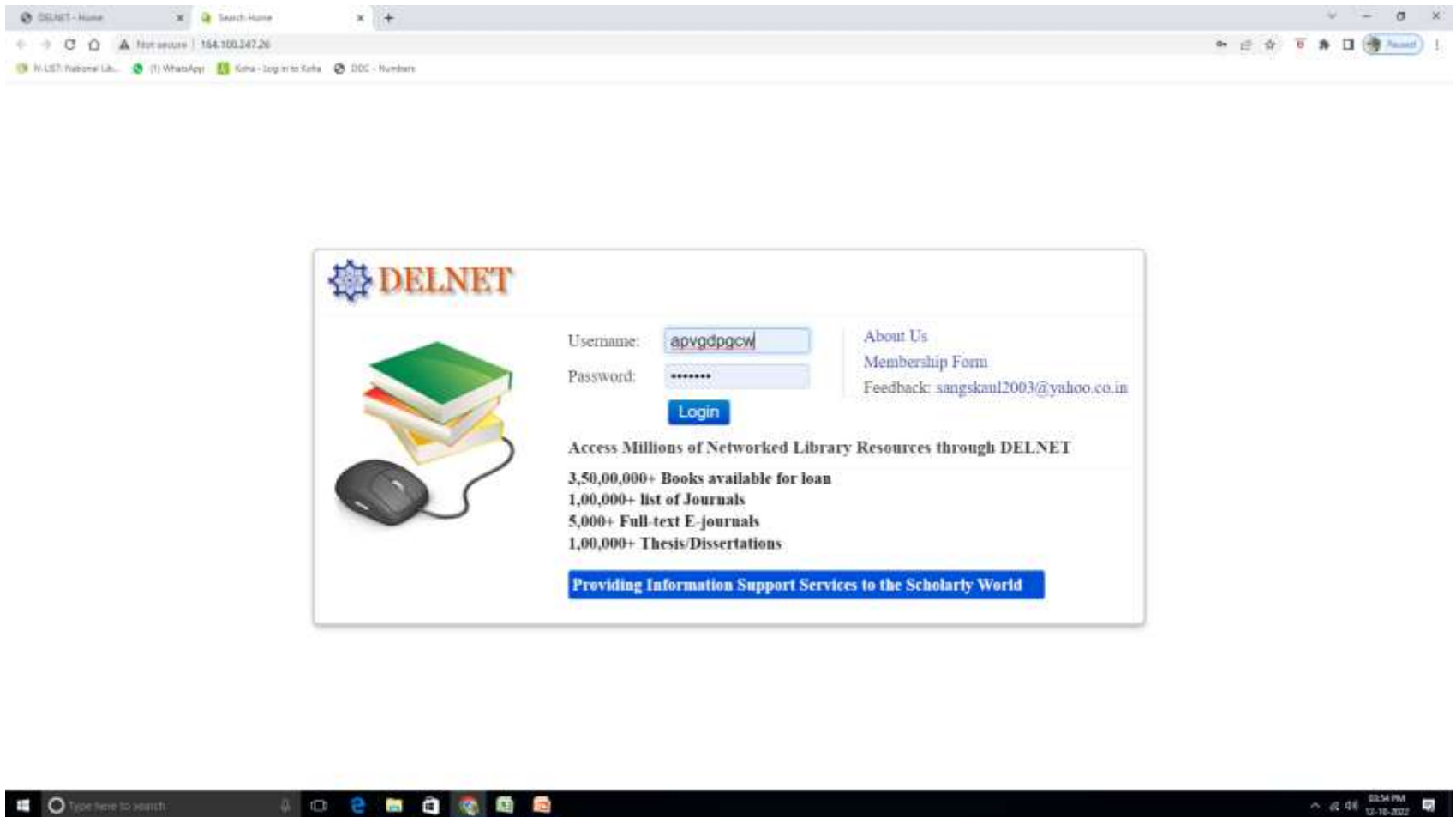
Subscription to e-books through DELNET and N-LIST

which is a college component of e-Shodh Sindhu

Access to e-books from DELNET



Remote Access through IP Address and Password



Home page with Institution Name

The screenshot displays the DELNET home page within a web browser. The browser's address bar shows the URL 164.100.347.26. The page features the DELNET logo at the top left, followed by navigation links: [DELNET YouTube Channel](#), [User Manual](#), [Usage Statistics](#), [Know your ILL-Book Status](#), [Your Account](#), [Contact DELNET](#), and [Log Out](#). A language dropdown menu is set to 'English', and the institution name 'Visakha Government Degree and PG College for Women' is displayed. A large banner for 'HAPPY NEW YEAR 2022' with a bookshelf and fireworks background is prominent. Below the banner is a search bar with the text 'Search the DELNET Digital Library Resources'. The search bar includes a text input field, a dropdown menu for 'All Fields', a '---Select Format---' dropdown, a 'Find' button, and a link to 'Advanced'. A message below the search bar states 'You are accessing union catalog of Books, Journals etc'. Under the heading 'Full-text Digital Library Resources', there are four featured sections: 'Knowledge Gainer Portal' (with a book icon and links to 'Access Full Text E-books', 'E-journals', and 'E-articles etc'), 'VISION Portal' (with a vision icon and links to 'Video Sites Online', 'Broaden Your Knowledge & Horizons through ViSiOn'), 'Manuscripts & Rare Books', and 'E-JOURNALS (Full-Text)' (with a book icon and a link to 'Aerospace Sciences E-journals'). The Windows taskbar at the bottom shows the time as 10:51 PM on 12-16-2022.

DELNET

[DELNET YouTube Channel](#) / [User Manual](#) / [Usage Statistics](#) / [Know your ILL-Book Status](#) / [Your Account](#) / [Contact DELNET](#) / [Log Out](#)

Language: English

Institution : Visakha Government Degree and PG College for Women

HAPPY NEW YEAR 2022

Search the DELNET Digital Library Resources

You are accessing union catalog of Books, Journals etc

Full-text Digital Library Resources:

Knowledge Gainer Portal New
[Access Full Text E-books, E-journals, E-articles etc.](#)

VISION Portal New
[Video Sites Online](#)
[Broaden Your Knowledge & Horizons through ViSiOn](#)

Manuscripts & Rare Books New

E-JOURNALS (Full-Text)
[Aerospace Sciences E-journals](#)

Access to e-books in DELNET

The screenshot displays the Knowledge Gainer website, which serves as a gateway to various electronic resources. The browser's address bar shows the URL 164.100.347.28/MyResearch/Home. The website header includes the 'Knowledge Gainer' logo and the tagline 'Knowledge Gateway to Access information, Networked Electronic Resources'. A welcome message for 'Visakha Government Degree and PG College for Women' is visible, along with the 'DELNET' logo. Navigation buttons for 'E-Journals', 'E-Books', 'Articles', and 'IRs' are provided. User account options include 'Contact DELNET', 'Dashboard', and 'Log Out'. A search section features input fields for 'Search All fields', 'Article / Journal / Book Title', 'Author Name', and 'Subject', along with a 'Search' button and filters for 'Advanced', 'All', 'E-Journals', 'E-Books', 'E-Articles', and 'IRs'. A note advises users to 'Kindly enter your query terms in the specific column'. The 'About Knowledge Gainer' section describes the platform's offerings across various disciplines and mentions access to 1,58,33,201 resources. A 'Your Account' sidebar lists 'Saved Items', 'Saved Searches', and 'Log Out'. The Windows taskbar at the bottom shows the system time as 12:15 PM on 12-16-2022.

DELNET - Home | Search Home | 164.100.347.28/MyResearch/Home

Welcome Visakha Government Degree and PG College for Women

Knowledge Gainer
Knowledge Gateway to Access information, Networked Electronic Resources

E-Journals E-Books Articles IRs

Contact DELNET Dashboard
Log Out

Search All fields Article / Journal / Book Title Author Name Subject

Search Advanced ☒ All ☐ E-Journals ☐ E-Books ☐ E-Articles ☐ IRs

(Kindly enter your query terms in the specific column)

About Knowledge Gainer

Knowledge Gainer offers anytime and everywhere intuitive access and learning environment on a wide array of subjects in Engineering & Technology, Management, Medical Science, Pharmaceutical Science, Pure Sciences, Social Sciences, Arts & Humanities for Graduate and Post Graduate students including researchers and teachers. It gives access to **1,58,33,201** of resources including E-journals, E-books, Articles, Institutional Repositories content.

Our Latest

Your Account

- Saved Items
- Saved Searches
- Log Out

Searching for a particular e-book

DELNET - Home

Search Results - All Fields

164.100.347.28/Search/Results?bookID=0%5D=Linear+Algebra&type=0%5B%5D=AllFields&bookID=0%5B%5D=&type=0%5B%5D=Title&bookID=0%5B%5D=&type=0%5B%5D=Author&bookID=0%5B%5D=Mathematics&type=0%5B%5D=AllFields

Knowledge Gateway to Access Information, Networked Electronic Resources

E-Journals E-Books Articles IRs

Contact DELNET Dashboard

Log Out

Linear Algebra Article / Journal / Book Title Author Name Mathematics

Search Advanced ☐ All ☐ E-Journals ☒ E-Books ☐ E-Articles ☐ IRs

(Kindly enter your query terms in the specific column)

Search: (All Fields:Linear Algebra AND Subject:Mathematics)

Suggested Topics... within your search.

Abel-type integral 1 Algebra 1 Bessel function 1


Bessel-Riesz motion 1 Caputo derivative 1 Caputo fractional derivatives of a function with respect to another function 1

more ...

Showing 1 - 2 of 2 query time: 0.45s

Sort Relevance

Save to List

1  Matrix Theory - Applications and Theorems by Hassan A. Yasser Published - IntechOpen, 2018. Get full text ebook

Narrow Search

Remove Filters

Format: ebook x

Format ebook

Author

Giusti, Andrea 1

Hassan A. Yasser 1

Mainardi, Francesco 1

Downloading of e-book

DELNET - Home | Search Home | Holdings Matrix Theory - Appli...

164.100.347.28/seconds/18-0000/00013

W.L.S. National Lib... | WhatsApp | Kaha - Log into Kaha | DDC - Numbers

Welcome Visakha Government Degree and PG College for Women

Knowledge Gainer
Knowledge Gateway to Access Information, Networked Electronic Resources

E-Journals E-Books Articles IRs


Contact DELNET Dashboard
Log Out

Search All fields Article / Journal / Book Title Author Name Subject

Search Advanced ☒ All ☐ E-Journals ☐ E-Books ☐ E-Articles ☐ IRs

(Kindly enter your query terms in the specific column)

Search / Matrix Theory - Applications a... / iHoldings



Matrix Theory - Applications and Theorems

This book reviews current research, including applications of matrices, spaces, and other characteristics. It discusses the application of matrices, which has become an area of great importance in many scientific fields. The theory of row/column determinants of a partial solution to the system of tw...

[Full description](#)

Main Author:	Hassan A. Yasser (Author)
Format:	ebook
Published:	IntechOpen, 2018.
Subjects:	Physical Sciences, Engineering

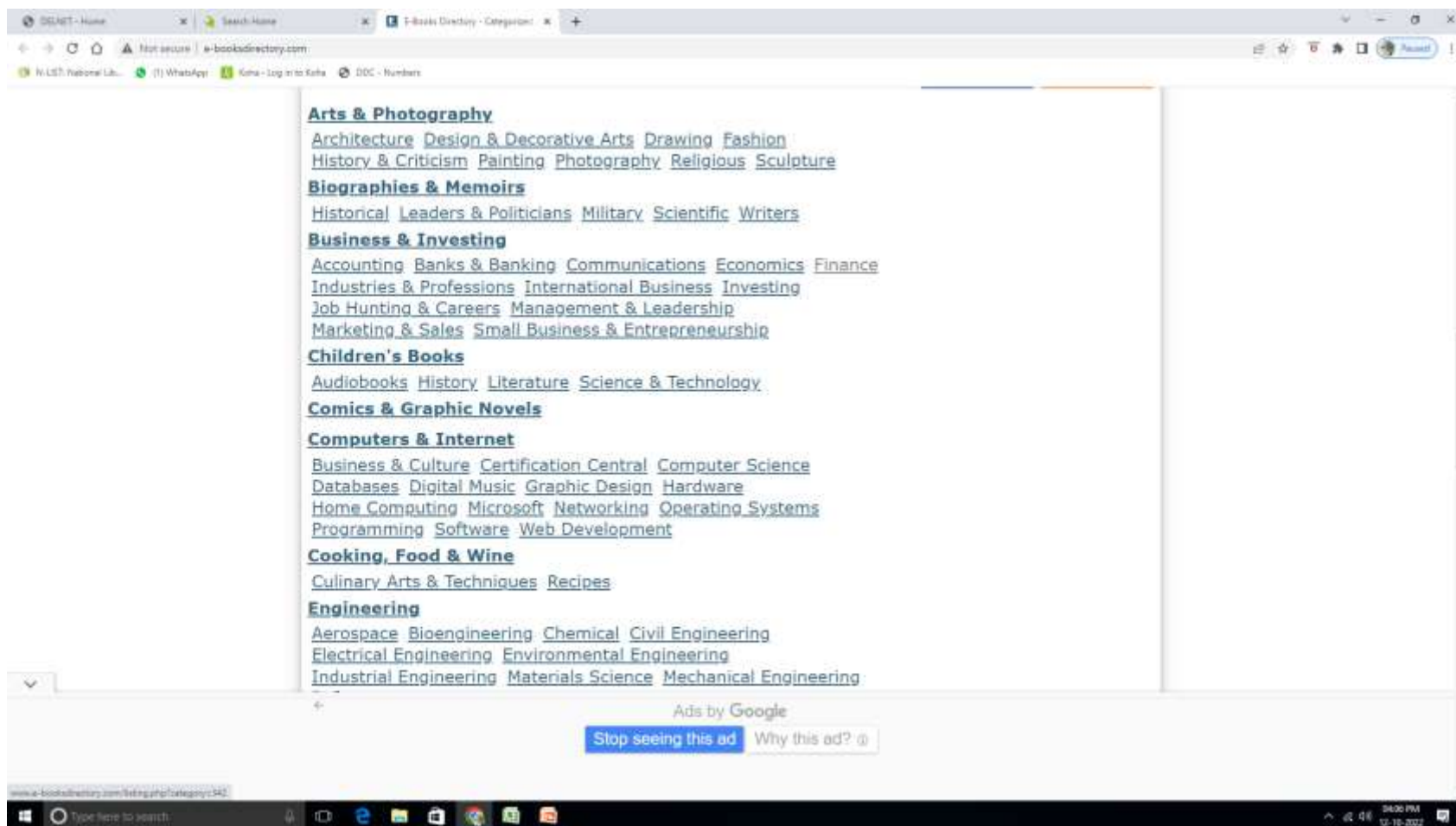
Similar Items

- [A generalization of a theorem of Swan and applications to Iwasawa theory](#)
by: Nickel, Andreas
Published: (2018)
- [A Landau-Ginzburg mirror theorem via matrix factorizations](#)
by: He, Weiqiang, et al.
Published: (2020)
- [The AKS Theorem, A.C.I. Systems and Random Matrix](#)

Typ here to search

12:16:2022

Other categories of e-books



Access to e-books from N-LIST

The screenshot displays the N-LIST website interface. At the top, there is a navigation bar with links for 'College Admin Login', 'Licences and Fair Use', 'FAQs', 'Downloads', and 'Awareness Programme'. Below this is a main menu with 'HOME', 'ABOUT', 'MEMBERS', 'REGISTER', and 'E-RESOURCES'. A search bar is located below the menu. The main content area features three prominent boxes: a white box on the left stating 'A college component of e-ShodhSindhu consortium with access to 6,000+ journals, 1,99,500+ ebooks under N-LIST and 6,00,000 ebooks through NDL' with a 'READ MORE' button; a green box in the center stating 'All colleges covered under Sections 12(B) and 2(f) of the UGC Act' and 'Non-Aided colleges (except Agriculture, Engineering, Management, Medical, Pharmacy, Dentistry and Nursing)' with a 'JOIN' button; and an orange box on the right with an important notice about firewall ports (2048-3251) and a 'LOGIN' button. At the bottom, there are three contact boxes: 'FOR PAYMENT RELATED QUERIES' with email 'paymentinfo[at]inflibnet.ac.in', a search bar for 'e-books and e-journal', and 'FOR ACCESS RELATED ISSUES' with email 'college[at]inflibnet.ac.in'. The footer includes 'COLLEGE ADMINISTRATOR', 'SUMMARY STATISTICS', and 'TOP 10 COLLEGE USERS'.

N-LIST
National Library and Information Services
Infrastructure for Scholarly Content
extending access to e-Resources to colleges in India

College Admin Login | Licences and Fair Use | FAQs | Downloads
Awareness Programme

HOME | ABOUT | MEMBERS | REGISTER | E-RESOURCES

SEARCH

A college component of e-ShodhSindhu consortium with access to 6,000+ journals, 1,99,500+ ebooks under N-LIST and 6,00,000 ebooks through NDL.
[READ MORE](#)

All colleges covered under Sections 12(B) and 2(f) of the UGC Act.
Non-Aided colleges (except Agriculture, Engineering, Management, Medical, Pharmacy, Dentistry and Nursing).
[JOIN](#)

Important for the colleges under firewall, the port nos 2048-3251 required to be open for login. Please ask your Network Admin/ISPs.
[Login Help Manual](#)

[LOGIN](#)

FOR PAYMENT RELATED QUERIES
paymentinfo[at]inflibnet.ac.in

Search e-books and e-journal

FOR ACCESS RELATED ISSUES
college[at]inflibnet.ac.in

COLLEGE ADMINISTRATOR | **SUMMARY STATISTICS** | **TOP 10 COLLEGE USERS**

Remote access to e-resources through IP Address and Password

The screenshot displays the N-LIST website interface. At the top, the N-LIST logo is accompanied by the text "National Library and Information Services Infrastructure for Scholarly Content" and the tagline "extending access to e-Resources to colleges in India". Navigation links include "College Admin Login", "Licences and Fairuse", "FAQs", "Downloads", and "Awareness Programmes". A secondary menu features "HOME", "ABOUT", "MEMBERS", "REGISTER", and "E-RESOURCES", along with a "SEARCH" button.

The "User Login" form is prominently displayed, containing the following elements:

- User Login** (Section Header)
-
-
- ☐ Don't Remember Login
- ☐ Clear prior granting of permission for release of your information to this service.
-
- [Forgot password?](#)
- [Activate User / Change password?](#)

The Windows taskbar at the bottom shows the system time as 12:15:2022.

Access to e-books

The screenshot displays the N-LIST website interface. At the top, there's a navigation bar with links for 'College Admin Login', 'Licences and Fair Use', 'FAQs', 'Downloads', and 'Awareness Programme'. Below this is a main menu with 'HOME', 'ABOUT', 'MEMBERS', 'REGISTER', and 'E-RESOURCES' (which is highlighted). A 'SEARCH' button is also present. The 'E-Resources @N-LIST' section features a 'Request an Article' and 'Logout' button. It states that the Consortium subscribes to various resources for colleges, available from the publisher's website. A search bar is provided with the placeholder text 'You may search e-Books or e-Journals'. Below the search bar, there are two columns of resources: 'E-Journals (Fulltext)' and 'E-Books'. The 'E-Journals' column lists 'American Institute of Physics' (18 titles), 'Annual Reviews' (33 titles), and 'Economic and Political Weekly (EPW)' (1 title). The 'E-Books' column lists 'Cambridge Books Online' (1800 titles), 'E-brary' (185000+ titles), and 'EBSCoHost-Net Library' (936 titles). Each resource is preceded by a green checkmark icon. The bottom of the page shows a Windows taskbar with various application icons and the system clock indicating 12:16:2022.

N-LIST
National Library and Information Services
Infrastructure for Scholarly Content
extending access to e-Resources to colleges in India

College Admin Login | Licences and Fair Use | FAQs | Downloads
Awareness Programme

HOME | ABOUT | MEMBERS | REGISTER | **E-RESOURCES**
SEARCH

E-Resources @N-LIST Request an Article Logout

Subscribed e-Journals and e-Books

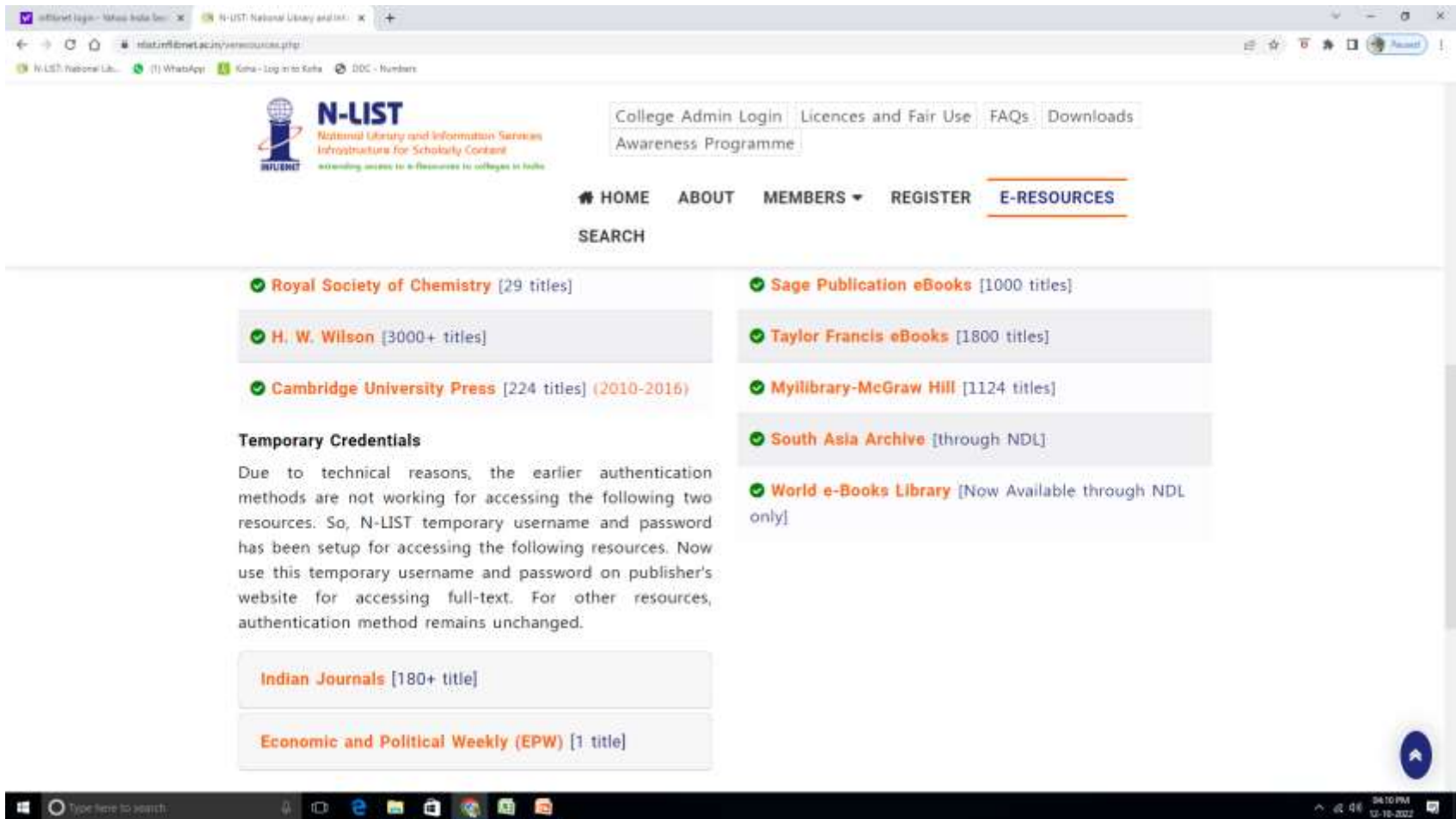
The Consortium subscribes to the following resources for the colleges. All electronic resources subscribed under N-LIST Programme are available from the publisher's website.

You may search e-Books or e-Journals All Fields Search

E-Journals (Fulltext)	E-Books
✓ American Institute of Physics [18 titles]	✓ Cambridge Books Online [1800 titles]
✓ Annual Reviews [33 titles]	✓ E-brary [185000+ titles]
✓ Economic and Political Weekly (EPW) [1 title]	✓ EBSCoHost-Net Library [936 titles]

Alternate Link

Access to different e-books from different publishers



The screenshot shows the N-LIST National Library and Information Services website. The header includes the N-LIST logo and navigation links: College Admin Login, Licences and Fair Use, FAQs, Downloads, and Awareness Programme. Below the header is a menu with HOME, ABOUT, MEMBERS, REGISTER, and E-RESOURCES. A search bar is also present.

E-Resources:

- ✓ **Royal Society of Chemistry** [29 titles]
- ✓ **H. W. Wilson** [3000+ titles]
- ✓ **Cambridge University Press** [224 titles] (2010-2016)
- ✓ **Sage Publication eBooks** [1000 titles]
- ✓ **Taylor Francis eBooks** [1800 titles]
- ✓ **MyLibrary-McGraw Hill** [1124 titles]
- ✓ **South Asia Archive** [through NDL]
- ✓ **World e-Books Library** [Now Available through NDL only]

Temporary Credentials

Due to technical reasons, the earlier authentication methods are not working for accessing the following two resources. So, N-LIST temporary username and password has been setup for accessing the following resources. Now use this temporary username and password on publisher's website for accessing full-text. For other resources, authentication method remains unchanged.

- Indian Journals** [180+ title]
- Economic and Political Weekly (EPW)** [1 title]

Downloading of e-book

The screenshot displays the ProQuest Ebook Central interface. At the top, there's a navigation bar with 'Search', 'Bookshelf', 'Settings', and 'Sign Out'. Below this is a search bar with the placeholder text 'Keyword, Author, ISBN, and more'. To the right of the search bar are links for 'Advanced Search' and 'Browse Subjects'. The main content area shows search results for 'linear algebra', with 17504 results found. On the left, there's a sidebar for refining the search, including filters for 'BOOK STATUS' (Owned and subscribed to by my library, Unlimited Print, Copy, & Download, Course Reserve), 'YEAR PUBLISHED' (2022, 2021, 2020), and 'SUBJECT' (mathematics / general, education / general). The search results list includes 'Linear Algebra' by Smith, Larry; Gehring, F. W.; and more, published by Springer New York in 1998, and 'Linear Algebra Problem Book' by Halmos, Paul R., published by American Mathematical Society in 1995. Both books are marked as 'Available'.

ProQuest Ebook Central™

Search Bookshelf Settings- ? Sign Out

Keyword, Author, ISBN, and more

Advanced Search
Browse Subjects

INFLIBNET Center

Search

17504 book results for linear algebra
Save this search Edit this search

Refine your search

BOOK STATUS

- ☐ Owned and subscribed to by my library
 - ☐ Unlimited Print, Copy, & Download
- ☐ Course Reserve

YEAR PUBLISHED

- ☐ 2022 4
- ☐ 2021 54
- ☐ 2020 234

Show more

SUBJECT

- ☐ mathematics / general 1609
- ☐ education / general 698

RESULTS PER PAGE 10 SORT BY Relevance

Book Results Chapter Results

Linear Algebra
Smith, Larry; Gehring, F. W.; and more Springer New York 1998
ISBN: 9781461272380, 9781461216704
SERIES: Undergraduate Texts in Mathematics Ser.
● Available

Linear Algebra Problem Book
Halmos, Paul R. American Mathematical Society 1995
ISBN: 9780883853221, 9781614442127
SERIES: Dolciani Mathematical Expositions
● Available

Basic **Linear Algebra**

Reading of e-book

ProQuest Ebook Central™


Search Bookshelf Settings- ? Sign Out

Keyword, Author, ISBN, and more

Advanced Search
Browse Subjects

INFLIBNET Center

Return to Search Results



Linear Algebra
Larry Smith, F. W. Gehring, and K. A. Ribet

Availability

Your institution has unlimited access to this book.

Read Online
Get all pages, require free third-party software, Check out this book for up to 21 days.

Download Book
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Book Details

TITLE
Linear Algebra

SERIES
Undergraduate Texts in Mathematics Ser.

EDITION
3

AUTHOR
Larry Smith

EDITORS
Show more

Description
This popular and successful text was originally written for a one-

Browsing the e-book

The screenshot displays the ProQuest Ebook Central web interface. The browser address bar shows the URL: <https://ebookcentral.proquest.com/lib/nlib/ebooks/reader.action?docID=5075304&query=linear+algebra>. The interface includes a top navigation bar with links for Home, Search, Bookshelf, Settings, and Sign Out. A sidebar on the left contains a search icon and a list of results on various pages. The main content area displays a table of contents for a linear algebra textbook, with page numbers and chapter titles. The table of contents is as follows:

8.3 Properties of Linear Transformations	91
8.4 Images and Kernels of Linear Transformations	94
8.5 Some Fundamental Constructions	98
8.6 Isomorphism of Vector Spaces	102
8.7 Exercises	109
9. Linear Transformations: Examples and Applications	113
9.1 Numerical Examples	113
9.2 Some Applications	123
9.3 Exercises	124
10. Linear Transformations and Matrices	129
10.1 Linear Transformations and Matrices in \mathbb{R}^3	129
10.2 Some Numerical Examples	134
10.3 Matrices and Their Algebra	136
10.4 Special Types of Matrices	141
10.5 Exercises	151
11. Representing Linear Transformations by Matrices	159
11.1 Representing a Linear Transformation by a Matrix	159
11.2 Basic Theorems	165

Selecting the content for reading

The screenshot displays the ProQuest Ebook Central web interface. On the left, a vertical sidebar contains a table of contents with the following items:

- Exercises 75 75 82 8. Linear Transformations 8.1 Definition of Linear Transformations 8.2
- 1 results on page xi
- 195 13. Systems of Linear Equations 13.1 Existence Theorems 13.2 Reduction to Echelon Form 13.3 The
- 4 results on page xii
- The Similarity Problem 19.1 The Fundamental Problem of Linear Algebra 19.2 A Bit of Invariant Theory
- 1 results on page 1
- reviewing these ideas and codifying the algebra of vectors.
- 1.1 First Steps Vectors as they appear in
- 1 results on page 2
- basic rules of vector algebra

The main content area on the right shows page 318 of 454. The page title is "16. The Spectral Theorem and Quadratic Forms". The text reads:

318 16. The Spectral Theorem and Quadratic Forms

Since $e' \neq e''$ by hypothesis, we must have $\langle E', E'' \rangle = 0$, as required. \square

PROOF OF THE SPECTRAL THEOREM FOR $n = 2$: Let $\{E_1, E_2\}$ be an orthonormal basis for \mathcal{V} . By Theorem 16.1.4 the matrix M of T relative to this basis is symmetric, say

$$M = \begin{bmatrix} a & b \\ b & c \end{bmatrix}.$$

If $b = 0$, there is nothing to prove, so we will assume that $b \neq 0$. The characteristic polynomial of T is given by

$$\begin{aligned} \Delta(t) &= \det(M - tI) = \det \begin{bmatrix} a-t & b \\ b & c-t \end{bmatrix} \\ &= (a-t)(c-t) - b^2 \end{aligned}$$

The Windows taskbar at the bottom shows the time as 12:15 PM on 12-16-2022.



Downloads

E-RESOURCES

Usage Statistics

 Change

id	name	email	password
1	John Doe	john.doe@gmail.com	12345678
2	Jane Smith	jane.smith@gmail.com	87654321
3	Bob Johnson	bob.johnson@gmail.com	11223344
4	Alice Brown	alice.brown@gmail.com	55667788

Export

Search:

Name	Username	Department	Month	Year	Times Logged In	Page Views
D. BHUVANESWARI	dasari.bhuvaneswari@gmail.com	PG MICROBIOLOGY	11	2021	2	4
D. BHUVANESWARI	dasari.bhuvaneswari@gmail.com	PG MICROBIOLOGY	10	2021	1	1
Dr .R Kiranmayi	skp1928@gmail.com	PHYSICAL EDUCATION	10	2021	1	1
Smt. A Dharani	dharanibode@gmail.com	Adminsitrator	09	2021	4	8
Dr.R. Manjula	manjularonanki@gmail.com	Physics	09	2021	2	4
P. Mangamma	manu.p1612@gmail.com	Mathematics	09	2021	4	250
Dr. S. Shoba Rani	santikavi3@gmail.com	chemistry	09	2021	4	10
Dr. R Kiranmayi	skn1928@gmail.com	PHYSICAL	09	2021	3	5

SEARCH

BHUVANESWARI		MICROBIOLOGY				
Dr .R Kiranmayi	skp1928@gmail.com	PHYSICAL EDUCATION	10	2021	1	1
Smt. A Dharani	dharinibode@gmail.com	Adminsitrator	09	2021	4	8
Dr.R. Manjula	manjularonanki@gmail.com	Physics	09	2021	2	4
P. Mangamma	manu.p1612@gmail.com	Mathematics	09	2021	4	250
Dr. S. Shoba Rani	santikavi3@gmail.com	chemistry	09	2021	4	10
Dr .R Kiranmayi	skp1928@gmail.com	PHYSICAL EDUCATION	09	2021	3	5
Smt. A Dharani	dharinibode@gmail.com	Adminsitrator	08	2021	3	6
Dr. S. Shoba Rani	santikavi3@gmail.com	chemistry	08	2021	1	2

Showing 1 to 10 of 13 entries

Previous 1 2 Next





Detailed Usage Statistics

Export

Search:

Name	Username	Department	Month	Year	Times Logged In	Page Views
Dr. B. HYMAVATHI	brhymavathi@gmail.com	PHYSICS	07	2021	2	56
Smt. A Dharani	dharinibode@gmail.com	Adminsitrator	07	2021	2	10
SAMPATHIRAO VARA SANDHYA	sampathraovarasandhya@gmail.com	DEPT OF BIOTECHNOLOGY	07	2021	5	7

Showing 11 to 13 of 13 entries

Previous 1 2 Next