IISER PUNE

Srinivasa Ramanujan Library

ORIENTATION

Last updated on 14th August 2025

- Responsible for acquisition, processing, organizing, and providing access to high quality information resources both in print and digital form.
- Partner in teaching, learning, and research activities

Seating capacity - 80

Library Annexe
Seating capacity - 40

Service Hours

- Library Opening Hours
  - 8:00 am - 11:00pm on all days.
- Issue and Return Hours
  - 8:00 am – 11:00 pm on all days with self check-out kiosk
- Library Annexe
  - 24x7

Membership

- Students, faculty and staff of the institute.
- Requirements: Registration number - Institute email ID - Fingerprint
- Visitor Membership
  - Research Scholars
  - Academic Institutional
  - Corporate and Industry

Current statistics of resources

- Print Books - 30000+
- e-Books - 6000+
- Print Journals / Magazines - 50
- e-Journals - 13000+
- Full-Text Database - 10
- Bibliographic Database - 4
- Digital Repository (Theses + Publications) - 6000+
- Digital Resources - 500+
  - CD-ROM, DVD,VCD etc.

- Rich collection of reference books, textbooks and research journals
- Full-text & bibliographic databases and multimedia contents.

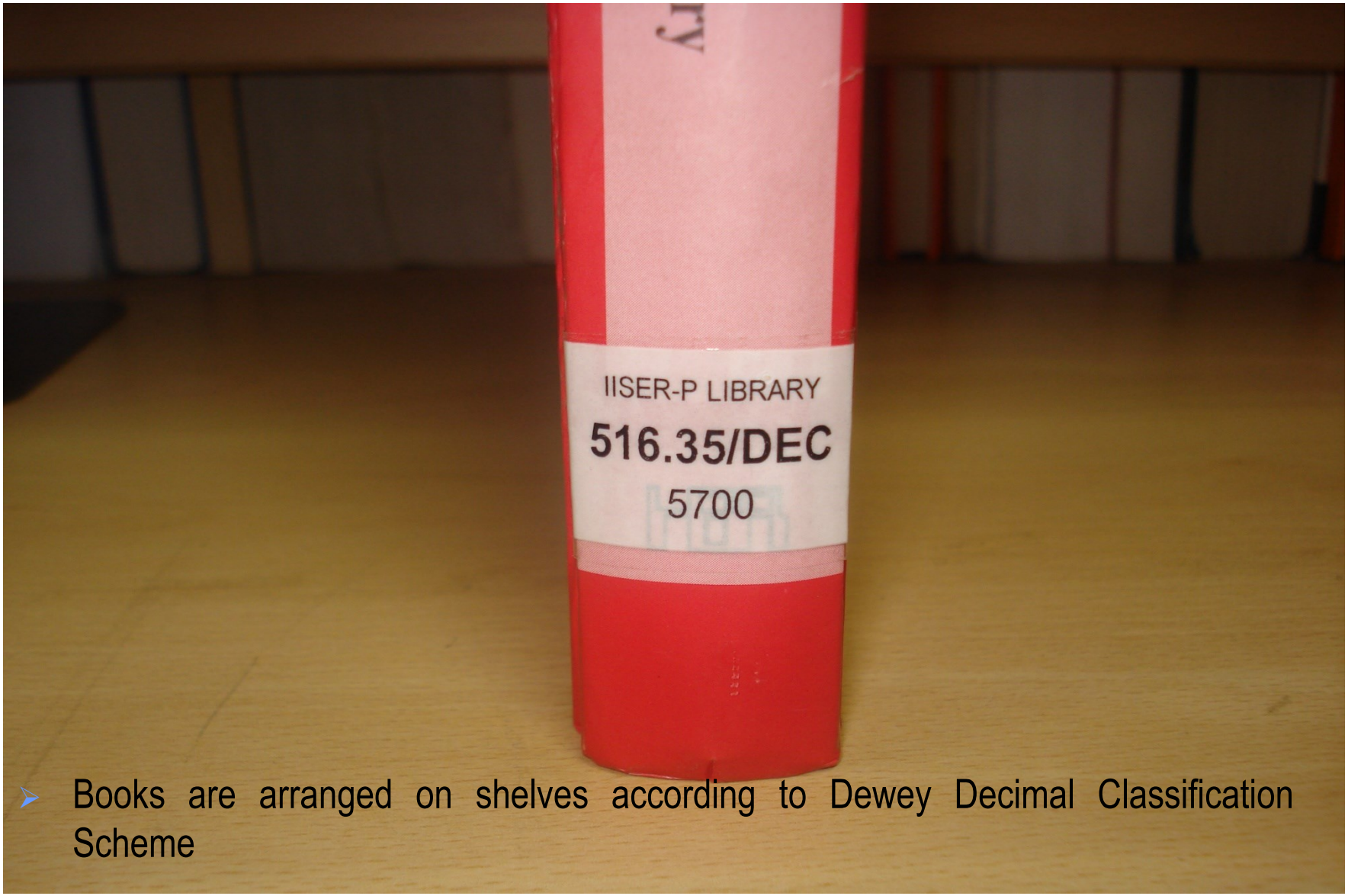
Print Collection

Touch screens for catalogue browsing

- Reference Sources and Reference Books
- Textbooks and other collection

New Additions of Books

Classification



- Books are arranged on shelves according to Dewey Decimal Classification Scheme

OPAC – Online Public Access Catalogue

LIBSYS7 web OPAC

Srinivasa Ramanujan Library, IISER Pune.

Help

Search | Browse | Journals | New Additions | ISBN Search | Accession Search | My Account

Author | Title | Classified | Subject | Publisher | Place

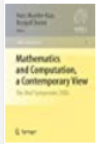
Starting With: mathematics in Books GO

No image
Mathematics, 2004
Watkins, J.J.
793.74/WAT
1346
Add to cart

No image
Mathematics : A concise history and philosophy, 1994
Anglin, W.S._Ed
510.9/ANG
12324
Add to cart

Mathematics Across the Curriculum
Vol. 01, 2006
Wallace, D.
544.18:51/WAL
2096
Add to cart

No image
Mathematics and climate, 2013
Kaper, Hans
551.60151/KAP
16238
MyLink
Add to cart


Mathematics and Computation, a Contemporary View| 2008
Hans Munthe-Kaas, Brynjulf Owren
EB3155
Add to cart

No image
Mathematics and Culture II, 2005
Emmer, Michele
EB568
Add to cart

No image
Mathematics and general relativity, 1988
Isenberg, J.A._Ed
530.11/ISE
10297
Add to cart

Mathematics and its Applicaitons
Vol.543, 2002
Edmunds, D.E,_Ed
515.723/EDM
564
Add to cart

Mathematics and Its Applications, 2005
Vassiliou, E.
512.554/VAS
2372
Add to cart

No image
Mathematics and its Applications, 2003
Bullen, P.S._Ed
512.97/BUL
11469
Add to cart

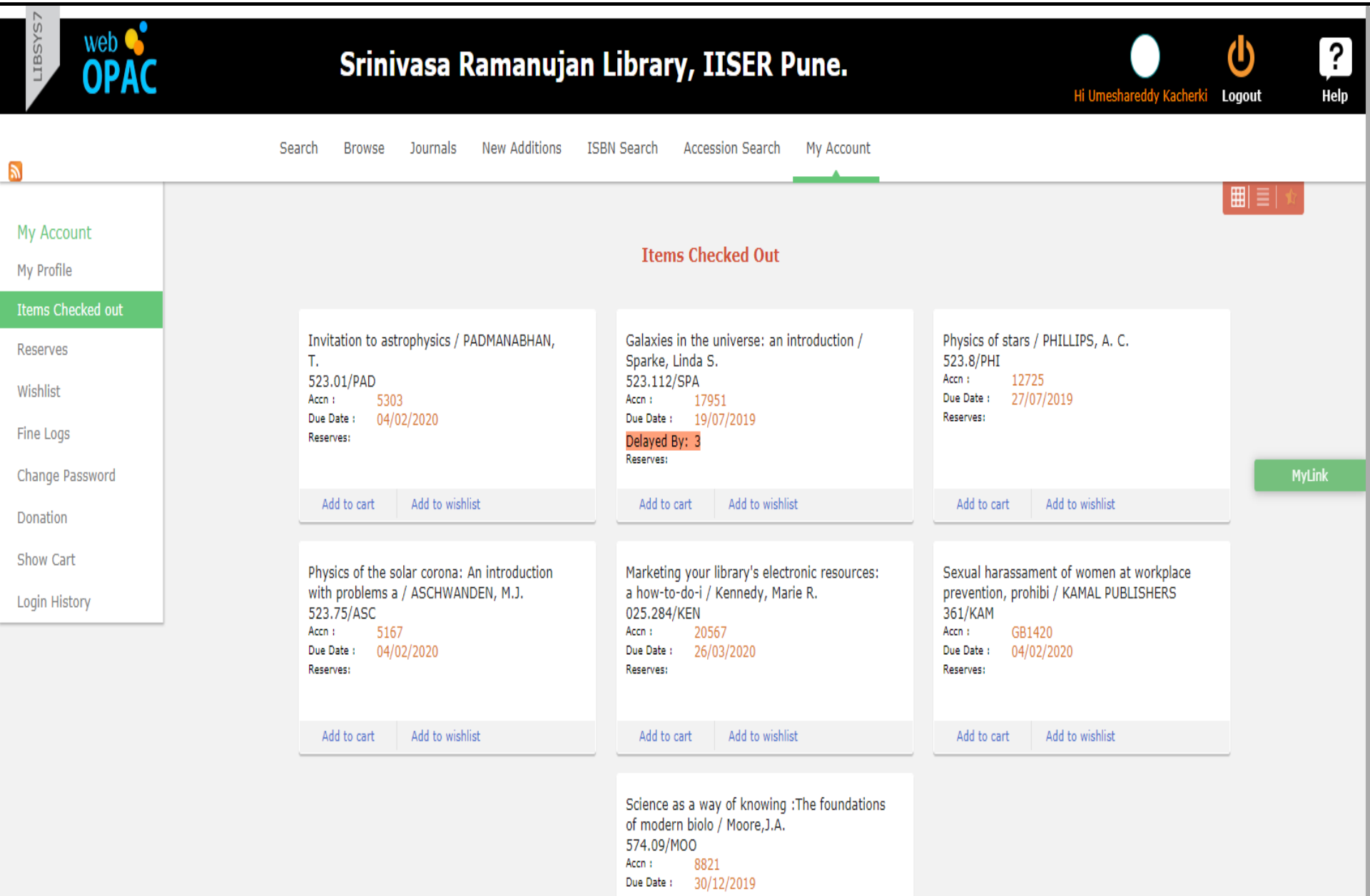
No image
Mathematics and its applications, 2003
Carroll, R.W._Ed
515/CAR
12807
Add to cart

No image
Mathematics and its Applications, 2000
Soare, M.V.
515.352/SOA
1689+
Add to cart

Search print books through OPAC

- Search OPAC to know
  - bibliographic details of books
  - number of copies
  - status of book
  - issued to whom
  - due date
  - reserve book
  - new additions of books to the library

OPAC – Online Public Access Catalogue



Circulation Kiosk

- Totally Automated Circulation System
- RFID Based Technology
- System generated alerts and reminders
- Biometric User Authentication
- Registration with fingerprint is mandatory to borrow books from the library.

Security System

- Library employs **RFID *Security System*** with alert siren for safeguarding the learning resources
- Library is also being monitored by ***Closed Circuit Cameras***

Circulation Policy

- **Borrowing Privileges**
  - **BS-MS Students** **- 4 books for 30 days**
  - **MSc** **- 4 books for 30 days**
  - **Int. Ph.D Students** **- 5 books for 30 days**
  - **Junior Research Fellow** **- 5 books for 60 days**
  - **Senior Research Fellow** **- 7 books for 180 days**
  - Post Doctoral Fellow - 7 books for 180 days
  - Project Assistant - 3 books for 30 days
  - Project Fellow - 3 books for 30 days
  - Research Associate - 7 books for 180 days
  - Teaching Assistant - 2 books for 30 days
  - Faculty - 50 books for 365 days
  - Visiting faculty - 5 books for 90 days
  - Adjunct faculty - 5 books for 90 days
  - Regular non-teaching staff - 5 books for 30 days
  - Temporary Staff - 1 book for 15 days

Circulation Policy

- **Overdue Charges for all category of users**
  - Rs.1/- per day per book for 3 days after due date.
  - Rs.5/- per day per book from 4th day and onwards after due date.

- **Ceiling Amount**
  - *Students and other Members:* Ceiling of Rs.100 for preventing from further issuing of books and ceiling of Rs.1000/- for accumulation of total overdue charges per user at a time.

  - *Faculty, Visiting and Adjunct faculty Members*: Ceiling of Rs.500/- for preventing from further issuing of books and ceiling of Rs.1000/- for accumulation of total overdue charges per user at a time.

CD / DVD

Print Journals

Online Services

Library Portal
Gateway for Library Resources

Remote Login
Anywhere, anytime access to library online resources

e-Journals
Discovery Tool, A-Z List, Publisher-wise List

e-Books
OPAC, Publisher-wise List

Research Platforms
Web of Science, Scopus, Scifinder Scholar, MathSciNet, JGate

Digital Repository
Ph.D Theses, MS Theses, Publications by IISER Pune Community, Annual Reports and Magazines by IISER Pune.

Catalogues (OPAC)
Print Books and eBooks

Similarity Reports
Plagiarism Detection and Avoidance

Grammarly
Writing Support Tool

Access to e-Resources

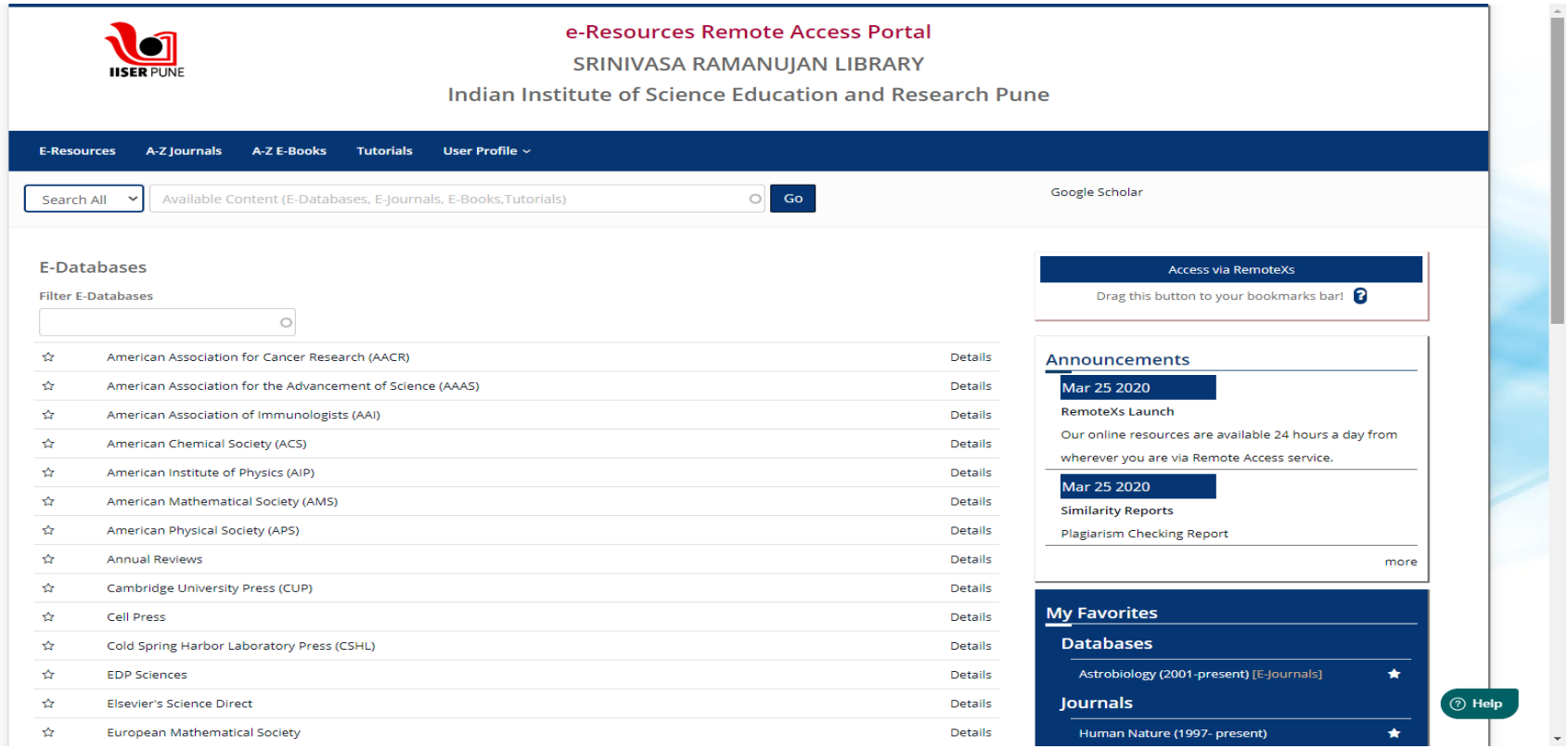
- Types of e-resources
  - e-Journals
  - e-Books
  - Electronic Theses and Dissertations
  - e-Databases
    - Full-Text Databases
    - Indexing and Abstracting Databases
  - Multimedia Resources

- IP based access to online resources

- Systematic Downloading is strictly prohibited

Remote Access Service

- SRL provides secured off-campus access to all the subscribed e-resources.
- This facility is being provided to faculty and research scholars of IISER Pune to facilitate and promote the use of e-resources at the point of need and use.



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Help

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Author | Title | Classified | Subject | Publisher | Place

Starting With: Albert W. Grootendorst, Jan Aarts, Miente Bakker, Reinie Ern🔲 in E-Books Data GO

Albert W. Grootendorst, Jan Aarts, Miente Bakker, Reinie Ern🔲
Jan de Witt's Elementa Curvarum Linearum
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Albert W. Marshall, Ingram Olkin, Barry C. Arnold
Inequalities: Theory of Majorization and Its Applications
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Alberto A. Pinto, David A. Rand, Fl🔲vio Ferreira
Fine Structures of Hyperbolic Diffeomorphisms
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Alberto Barchielli
Quantum Trajectories and Measurements in Continuous Ti
MyLink
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Alberto Bressan, Gui-Qiang G. Chen, Marta Lewicka, Dehua Wang
Nonlinear Conservation Laws and Applications
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Alberto Cambini, Laura Martein
Generalized Convexity and Optimization
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Alberto Cialdea, Paolo Emilio Ricci, Flavia Lanzara
Analysis, Partial Differential Equations and Applications
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Alberto Parmeggiani
Spectral Theory of Non-Commutative Harmonic Oscillators: An Introduction
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Alberto S. Cattaneo, Anthony Giaquinto, Ping Xu
Higher Structures in Geometry and Physics
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Albeverio, S.; Jentsch, V.; Kantz, H.
Extreme Events in Nature and Society
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Albiac, Fernando; Kalton, Nigel J.
Topics in Banach Space Theory
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Aldashev, Almaz; Naeije, Robert
Problems of High Altitude Medicine and Biology
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Aldo Ghizzetti
Alcune questioni di analisi numerica

Aldo Solari, Luigi Salmaso, Fortunato Pesarin, Dario Basso

Alekseev, Victor R.; De Stasio, Bart; Gilbert, John J.

Alessandra Giovagnoli, Anthony Atkinson, Bernard Torsney, Ca

eBooks

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SEARCH

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Springer e-books in Mathematics and Statistics (Copyright year 1999-2011)
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Springer e-books in Physics and Astronomy (Copyright year 1999-2007)
List in Excel Format

Springer e-books in Chemistry and Material Science (Copyright year 1999-2007)
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Springer e-books in Biomedical and Life Sciences (Copyright year 1999-2007)
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Springer Lecture Notes in Physics (From Vol.1 to 2010)
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Cambridge University Press e-books
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American Mathematical Society e-books
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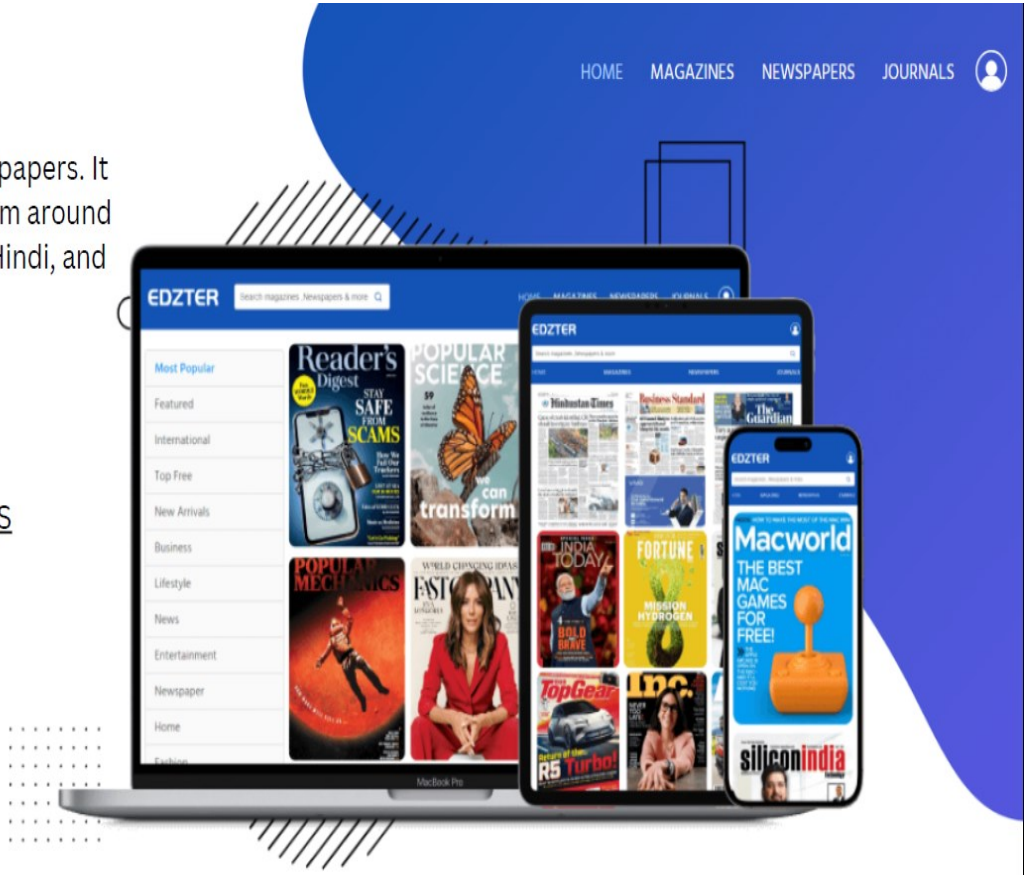

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3. Click "CONTINUE WITH EMAIL ADDRESS"
4. Submit your Institute email ID; an OTP will be generated.
5. Submit the OTP received by your email.
6. Enter your NAME, and Click Submit.
7. Enjoy reading.

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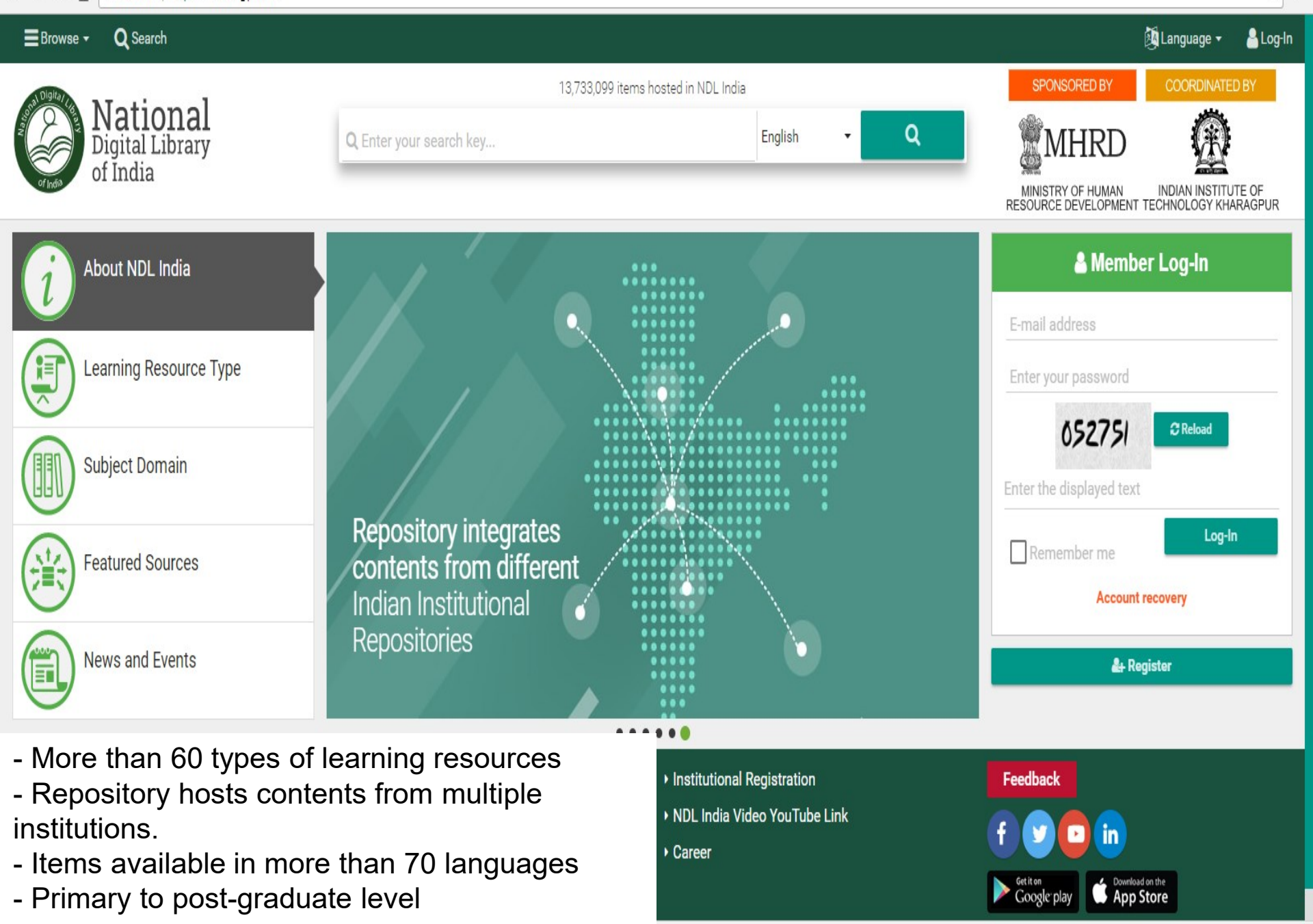
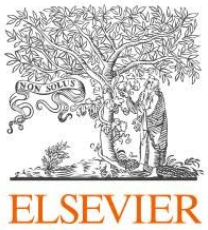
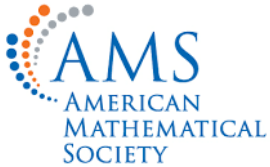
MAGAZINES View All >

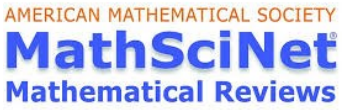


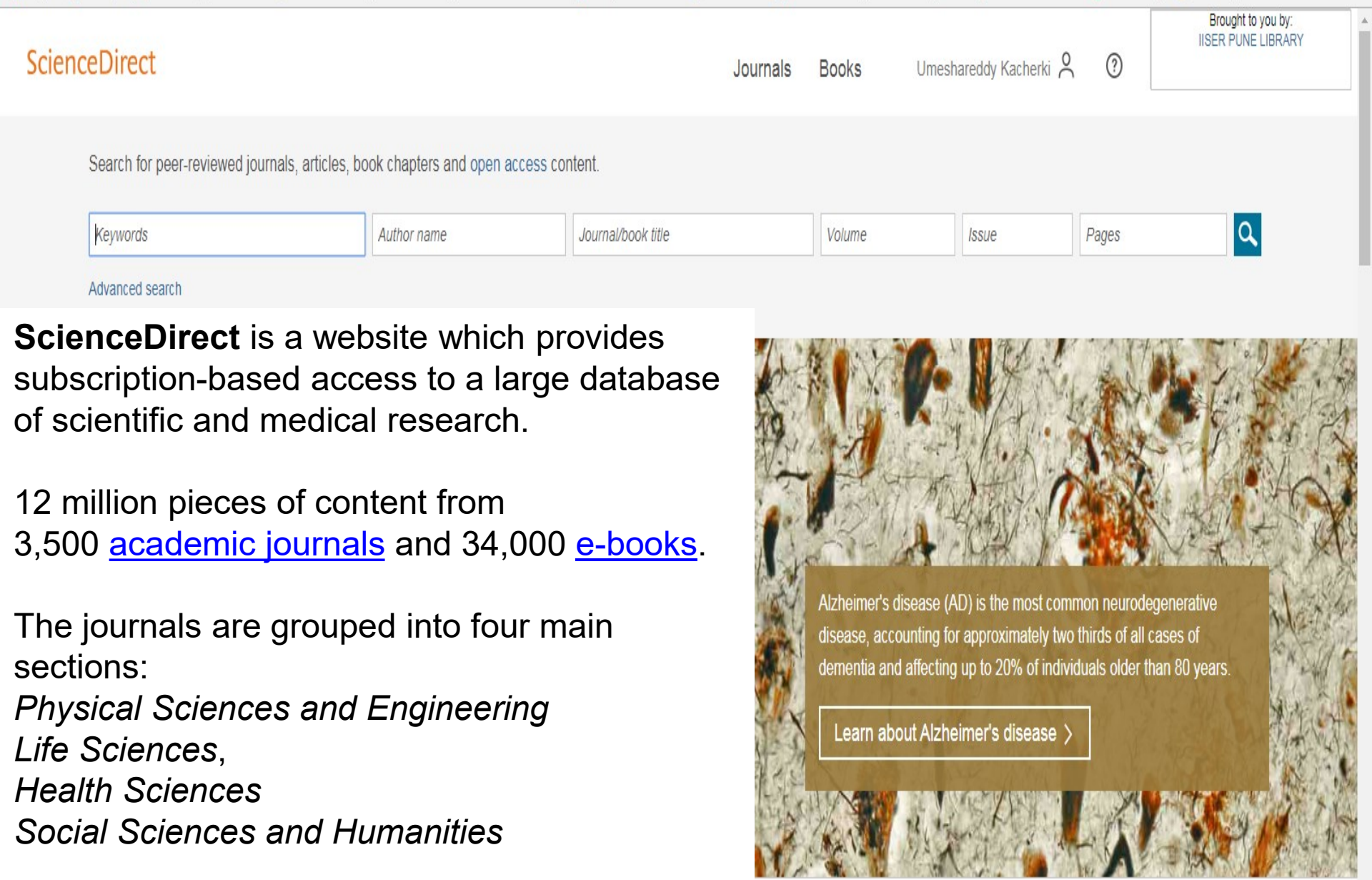
- More than 60 types of learning resources
- Repository hosts contents from multiple institutions.
- Items available in more than 70 languages
- Primary to post-graduate level

Online Journals and Databases









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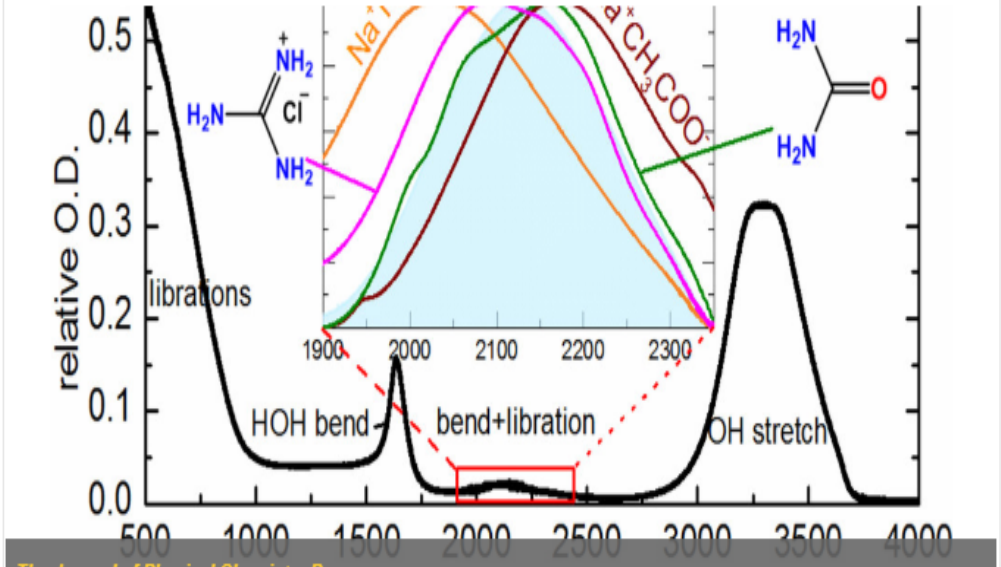

The Journal of Physical Chemistry B

The Bend+Libration Combination Band Is an Intrinsic, Collective, and Strongly Solute-Dependent Reporter on the Hydrogen Bonding Network of Liquid Water

Pramod Kumar Verma, Achintya Kundu, Matthew S. Puretz, Charvanaa Dhoonmoon, Oriana S. Chegwidden, Casey H.

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Methods and Applications in Fluorescence

Metrologia

Modelling and Simulation in Materials Science and Engineering

Multifunctional Materials

N

Nano Futures

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Meggers Project Award Recipient

Dannie Heineman Prize for Mathematical Physics

Deadline for 2019 nominations close on June 1, 2018.

https://www.aip.org/news/2018/aip-celebrates-inaugural-international-day-light

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Investigation of index change in compression molding of $As_{40}Se_{50}S_{10}$ chalcogenide glass
Lin Zhang, Wenchen Zhou, Neil. J. Naples, and Allen Y. Yi
Appl. Opt. 57(15) 4245-4252 (2018)

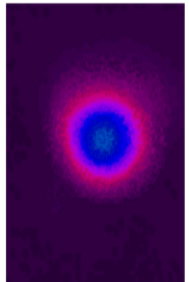

Image of the Week - 14 May 2018

Intracavity deformable mirror for beam quality improvement and power enhancement of a passively Q-switched laser
See Figure 13 in Opt. Express 26(7), 8594-8608 (2018).
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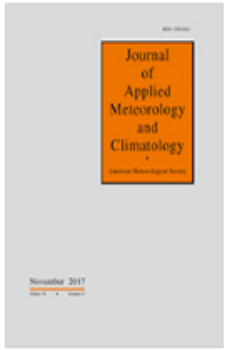
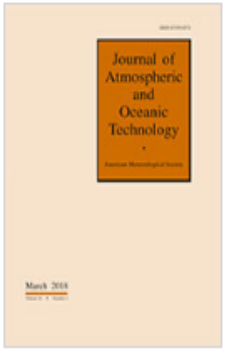
Bulletin of the American Meteorological Society

2016*
Articles Published: **175**
Impact Factor: **7.281 (#2)**



Journal of Applied Meteorology and Climatology

2016*
Articles Published: **153**
Impact Factor: **2.365 (#26)**



Journal of Atmospheric and Oceanic Technology

2016*
Articles Published: **179**
Impact Factor: **2.425 (#38)**

Journal of the Atmospheric Sciences

2016*
Articles Published: **273**
Impact Factor: **3.207 (#24)**

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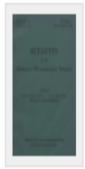
Statistical Modeling: The Two Cultures (with comments and a rejoinder by the author)

Leo Breiman

Statistical Science, Volume 16, Issue 3 (2001)

Article



A simple proof that π is irrational

Ivan Niven

Bulletin of the American Mathematical Society, Volume 53, Number 6 (1947)

Article

Duality for a non-topological version of the mass transportation problem

Vladimir L. Levin

Institute of Mathematical Statistics Lecture Notes - Monograph Series (1996)

Bootstrap Methods: Another Look at the Jackknife

B. Efron

The Annals of Statistics, Volume 7, Number 1 (1979)

Article

Greedy function approximation: A gradient boosting machine.

Jerome H. Friedman

The Annals of Statistics, Volume 29, Number 5 (2001)

News and events

Project Euclid to attend ICM 2018

MSP journals in Project Euclid

Acta Mathematica and *Arkiv för Matematik*: open access in 2017

Two Open Access Probability Journals Join Project Euclid

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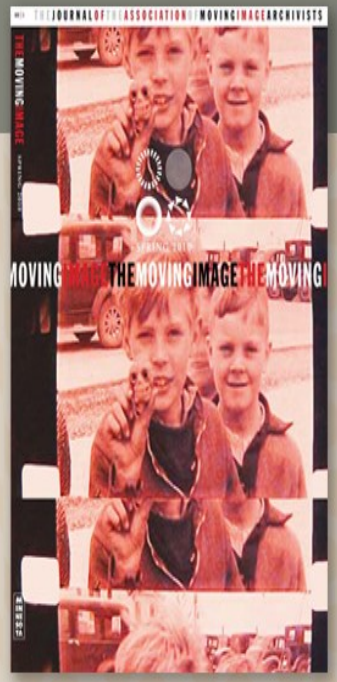
Journal of the Month

The Moving Image

from The University of Minnesota Press



The Moving Image explores topics relevant to both the media archivist and the media scholar. *The Moving Image* deals with crucial issues surrounding the preservation, archiving, and restoration of film, video, and digital moving images.

Research Areas

- Area and Ethnic Studies
- Art and Architecture
- Creative Writing
- Education
- Film, Theater, and Performing Arts
- History
- Language and Linguistics
- Library Science and Publishing
- Literature
- Medicine and Health
- Music
- Philosophy
- Religion
- Science, Technology, and Mathematics
- Social Sciences
- Studies by Time Period
- Women's Studies, Gender, and Sexuality

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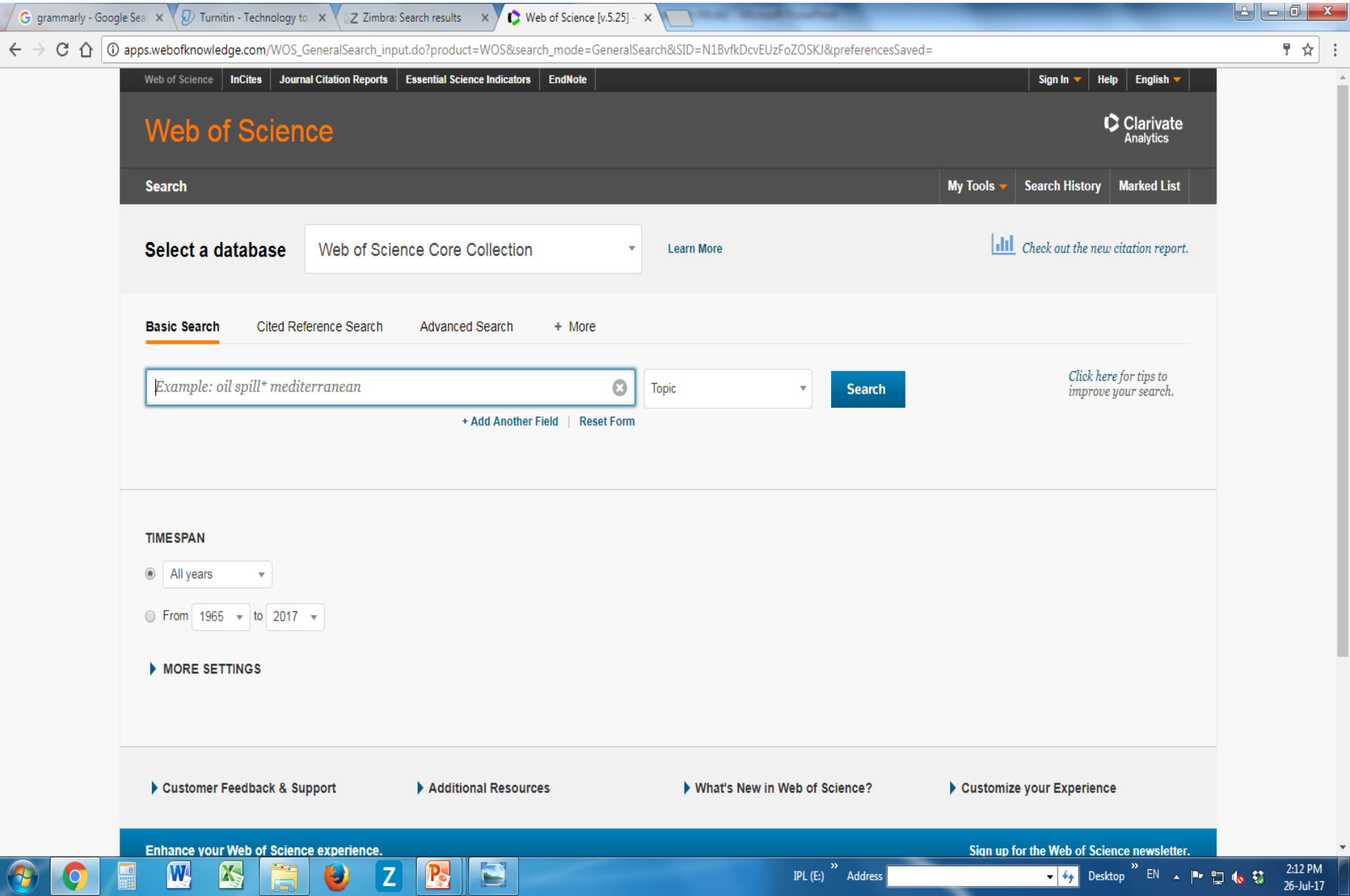

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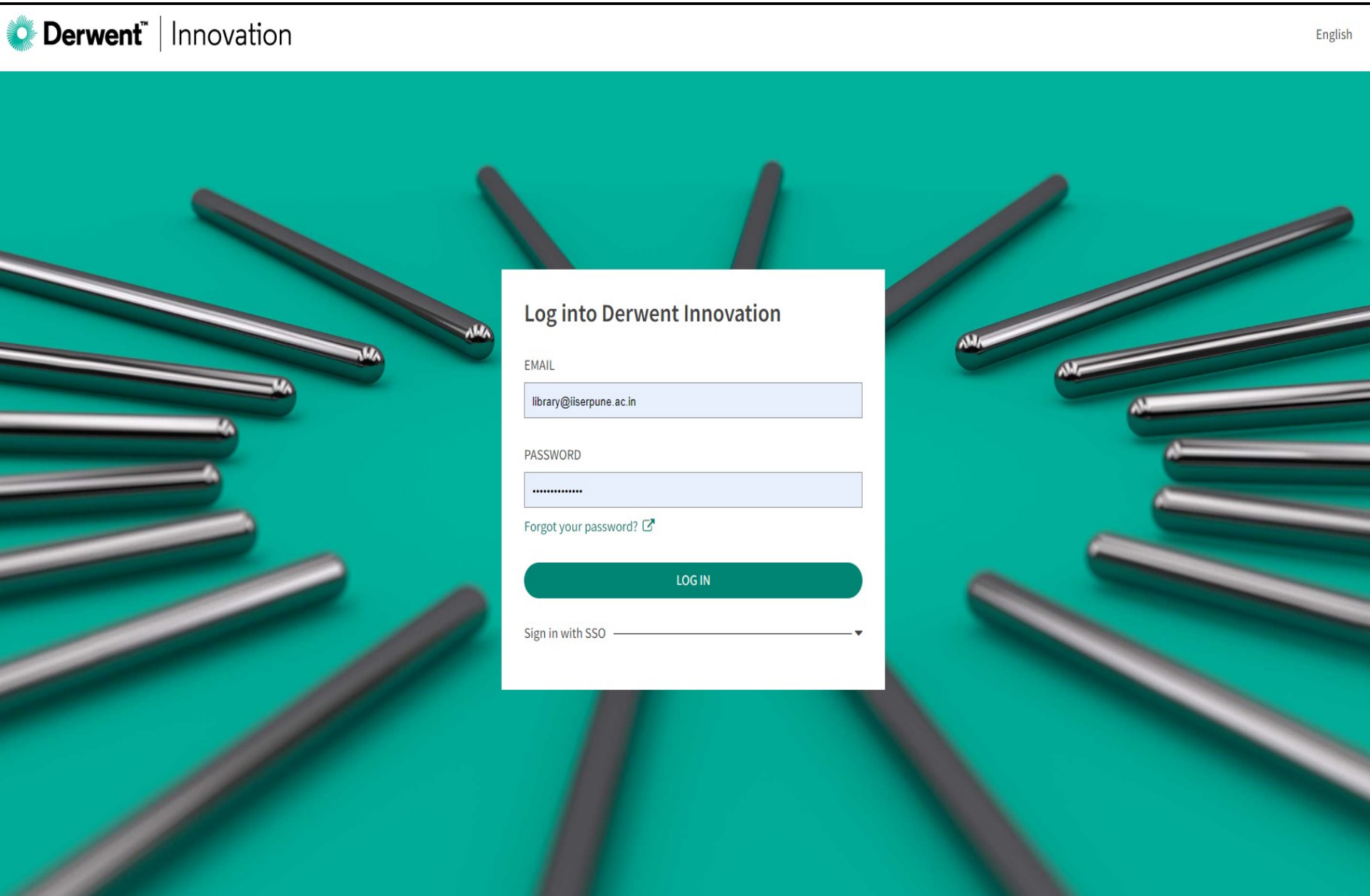

Research Tools

- Literature Review
  Web of Science
  Scopus
  MathSciNet
  SciFinder Scholar.

- Patent Database
  Derwent Innovation

- Domain specific software tools
  ChemDraw
  Cambridge Structural Database

- Reference Management
  Zotero
  Mendeley
  EndNote etc. (part of web of science)

- Plagiarism Checkers
  Drillbit
  Turnitin

- Grammar Checker
  Grammarly

- Remote Access Tool
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Seismic imaging of crust beneath the western Tibet-Pamir and western Himalaya using ambient noise and earthquake waveform data

KUMAR, VIVEK (2021-10)

Kinematics and dynamics of the evolution of continental collisions and mountain building processes have been a primary area of research to understand the deformation mechanism of continental interiors. The Himalaya-Tibet-Pamir ...

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A five-residue motif for the design of domain swapping in proteins

Nandwani, Neha; Surana, Parag; Negi, Hitendra; Mascarenhas, Nahren M.; UDGAONKAR, JAYANT B.; Das, Ranabir; Gosavi, Shachi

URI:
http://dr.iiserpune.ac.in:8080/xmlui/handle/123456789/1892
https://doi.org/10.1038/s41467-019-08295-x
Date: 2019-01

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Abstract:

Domain swapping is the process by which identical monomeric proteins exchange structural elements to generate dimers/oligomers. Although engineered domain swapping is a compelling strategy for protein assembly, its application has been limited due to the lack of simple and reliable design approaches. Here, we demonstrate that the hydrophobic five-residue 'cystatin motif' (QVVAG) from the domain-swapping protein Stefin B, when engineered into a solvent-exposed, tight surface loop between two β-strands prevents the loop from folding back upon itself, and drives domain swapping in non-domain-swapping proteins. High-resolution structural studies demonstrate that engineering the QVVAG stretch independently into various surface loops of four structurally distinct non-domain-swapping proteins enabled the design of different modes of domain swapping in these proteins, including single, double and open-ended domain swapping. These results suggest that the introduction of the QVVAG motif can be used as a mutational approach for engineering domain swapping in diverse β-hairpin proteins.

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Published in Nature Communications, January 2019

DOI 10.1038/s41467-019-08295-x

Pubmed ID 30692525

Authors Neha Nandwani, Parag Surana, Hitendra Negi, Nahren M. Mascarenhas, Jayant B. Udgaonkar, Ranabir Das... [show]

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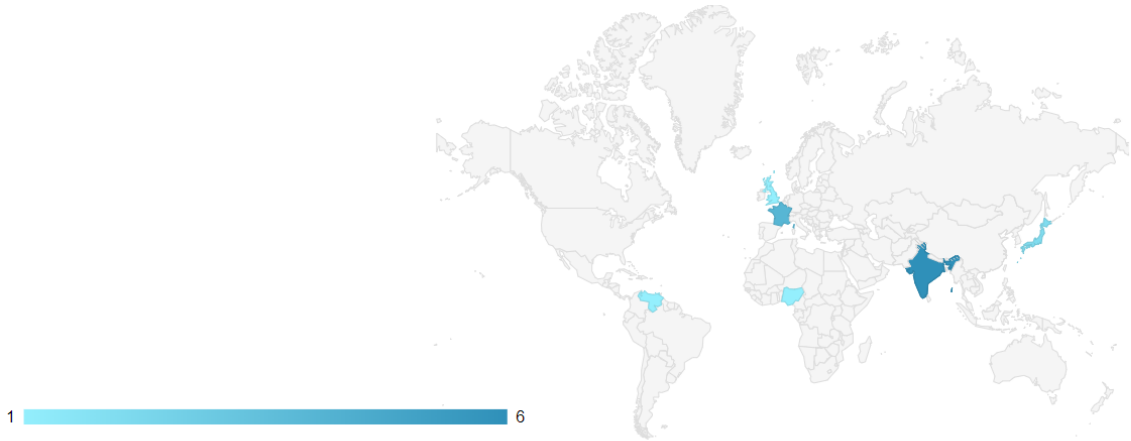

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Country	Count	As %
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Nigeria	1	5%
Venezuela, Bolivarian Republic of	1	5%
United Kingdom	1	5%
Unknown	6	29%

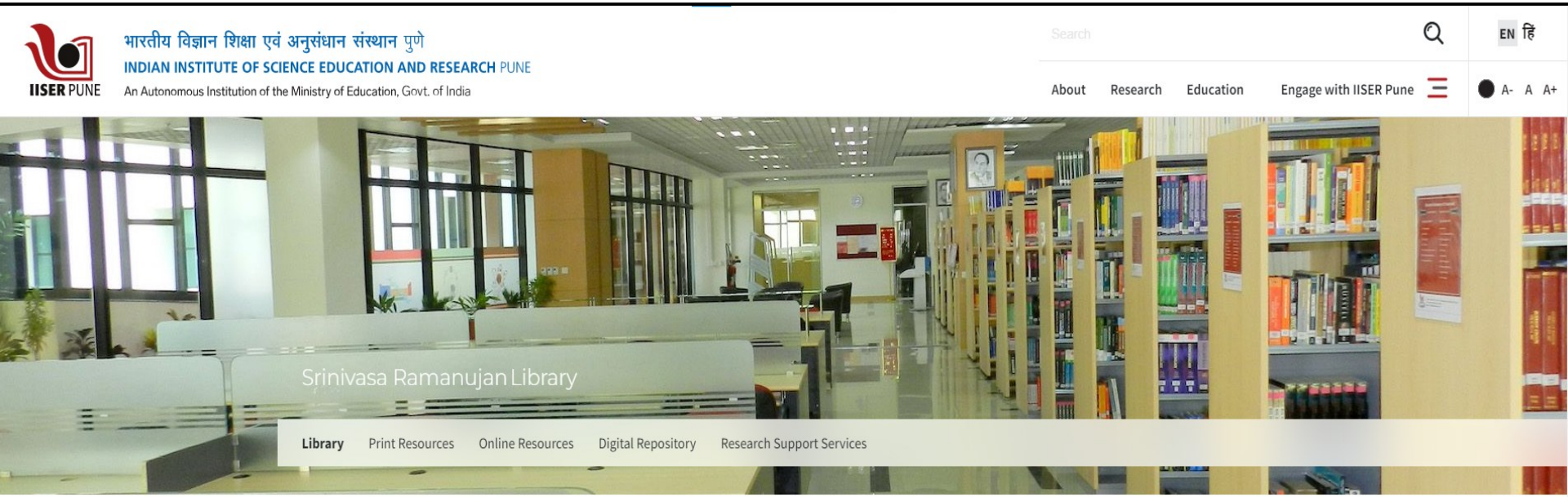
Demographic breakdown

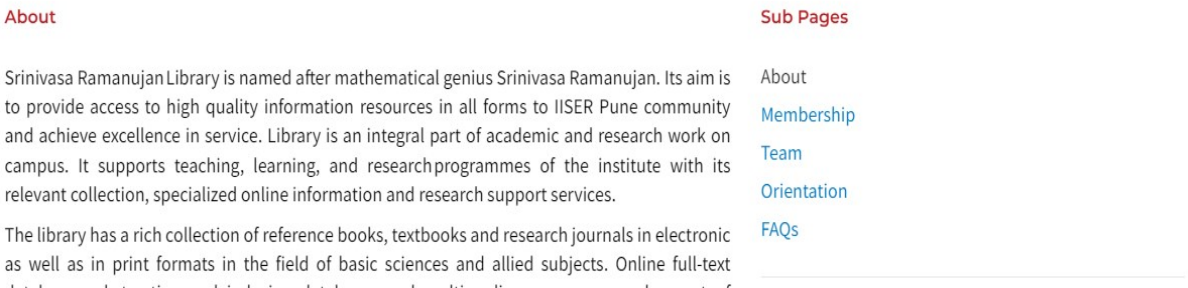
Type	Count	As %
Members of the public	13	62%
Scientists	8	38%

Recommending Learning Resources

- Faculty members can recommend books / journals for library.
- Students and staff can recommend books / journals for library only through a faculty member.

Library Portal and organization of web links of e-resources





Library Portal and organization of web links of e-resources

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2D Materials (2014-present)

4OR: A Quarterly Journal of Operations Research (2003-present)

▼ A

a/b: Auto/Biography Studies (2009-2013)

AAPS Journal (The) (1999-present)

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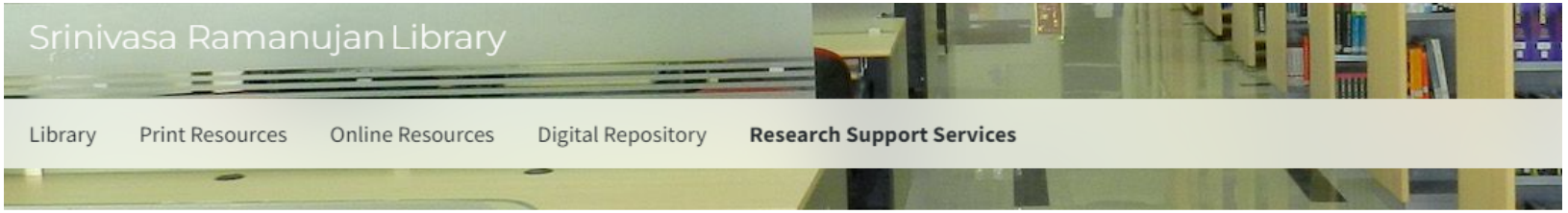
Library Portal and organization of web links of e-resources



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Faculty Research Profiles (IRINS)

Library has created research profiles of the faculty members using Indian Research Information Network System (IRINS) which is a web-based Research Information Management service developed by INFLIBNET Centre. IRINS enables faculty and scientists to collect, curate and showcase the scholarly communication activities and provide an opportunity to create the scholarly network. It provides more significant exposure for their research contributions to the international community and brings funding opportunities from the national and international agencies.

Click here to view the research profiles faculty members of IISER Pune.

Sub Pages

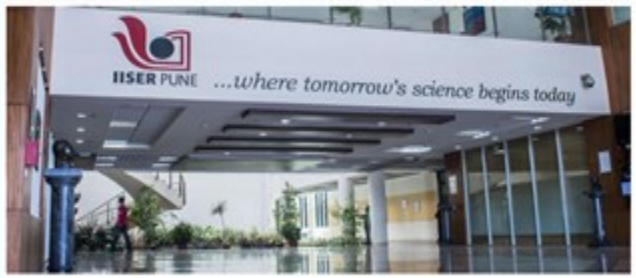
Faculty Research Profiles (IRINS)
Remote Access Portal
Research Tools
Resource Guides
Plagiarism Checking Service
Current Awareness Service
Document Delivery Service
Inter Library Loan
APC for Publications
Digital Literacy and Training Programmes

Services

- Reference and Information Service
- Current Awareness Service
  - Monthly Bulletin of New Additions of Books
  - Monthly Bulletin of New Publications by IISER Pune community.
- Document Delivery Services
- Inter Library Loan
- Similarity Report Generation
- Printing and Photocopy Service

Current Awareness Service (CAS)

- Effort made to bring current literature to the notice of researchers.
- At SRL, monthly bulletin of new publications from IISER Pune community and Monthly bulletin of new additions of books are being brought out for the knowledge and research benefit of IISER Pune community.



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Monthly Bulletin of Publications:
Faculty, Scientists and Students of IISER Pune.
June 2020

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Monthly Bulletin of New Additions of Books – JUNE 2020

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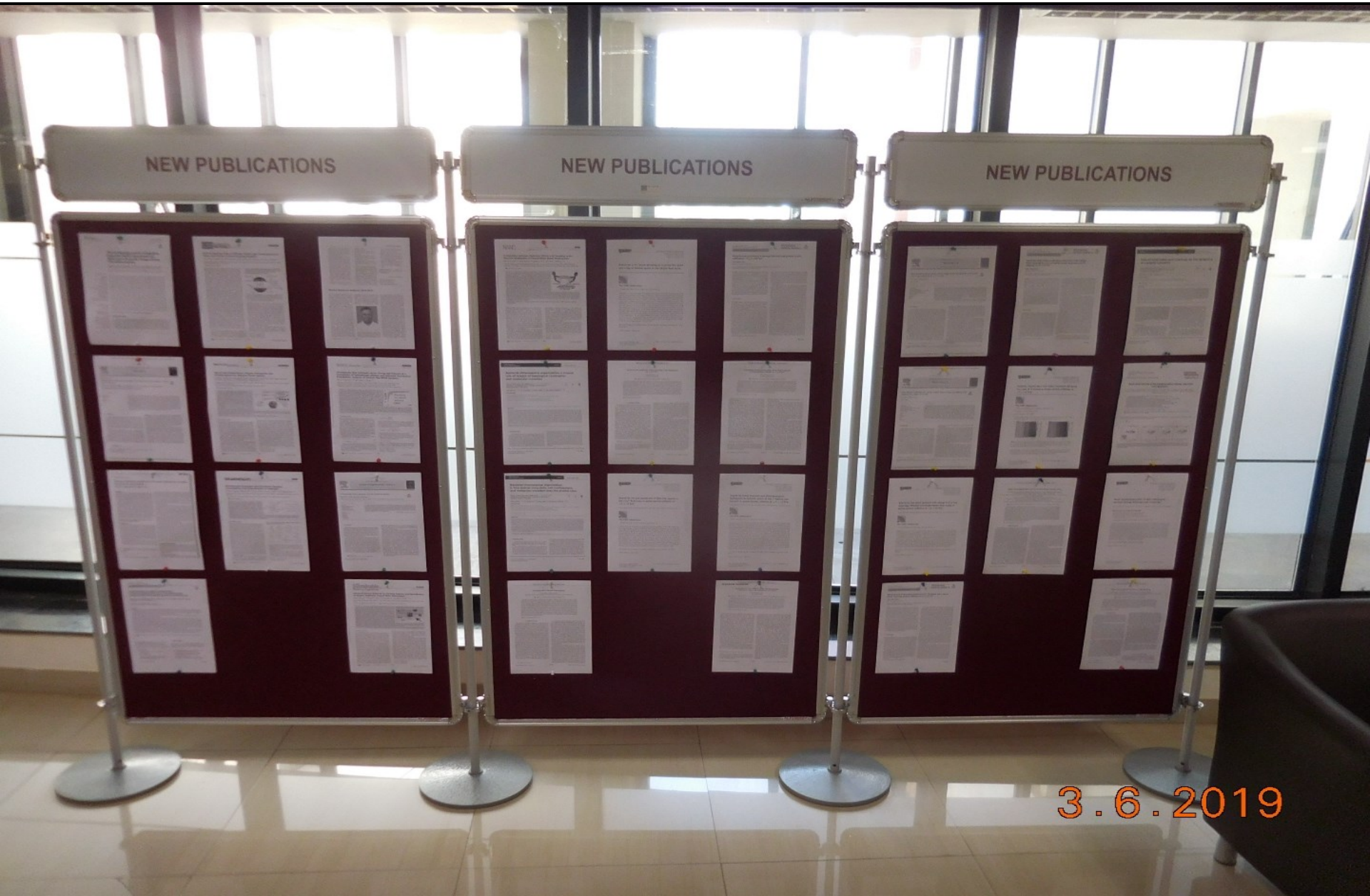
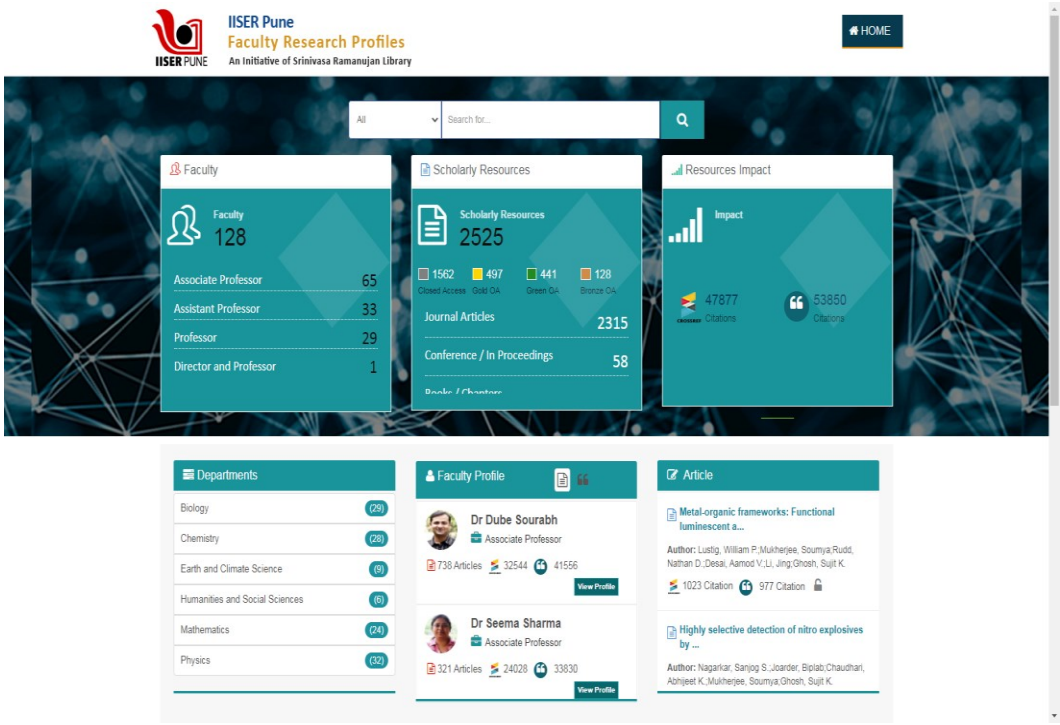
New Publications of IISER Pune Community

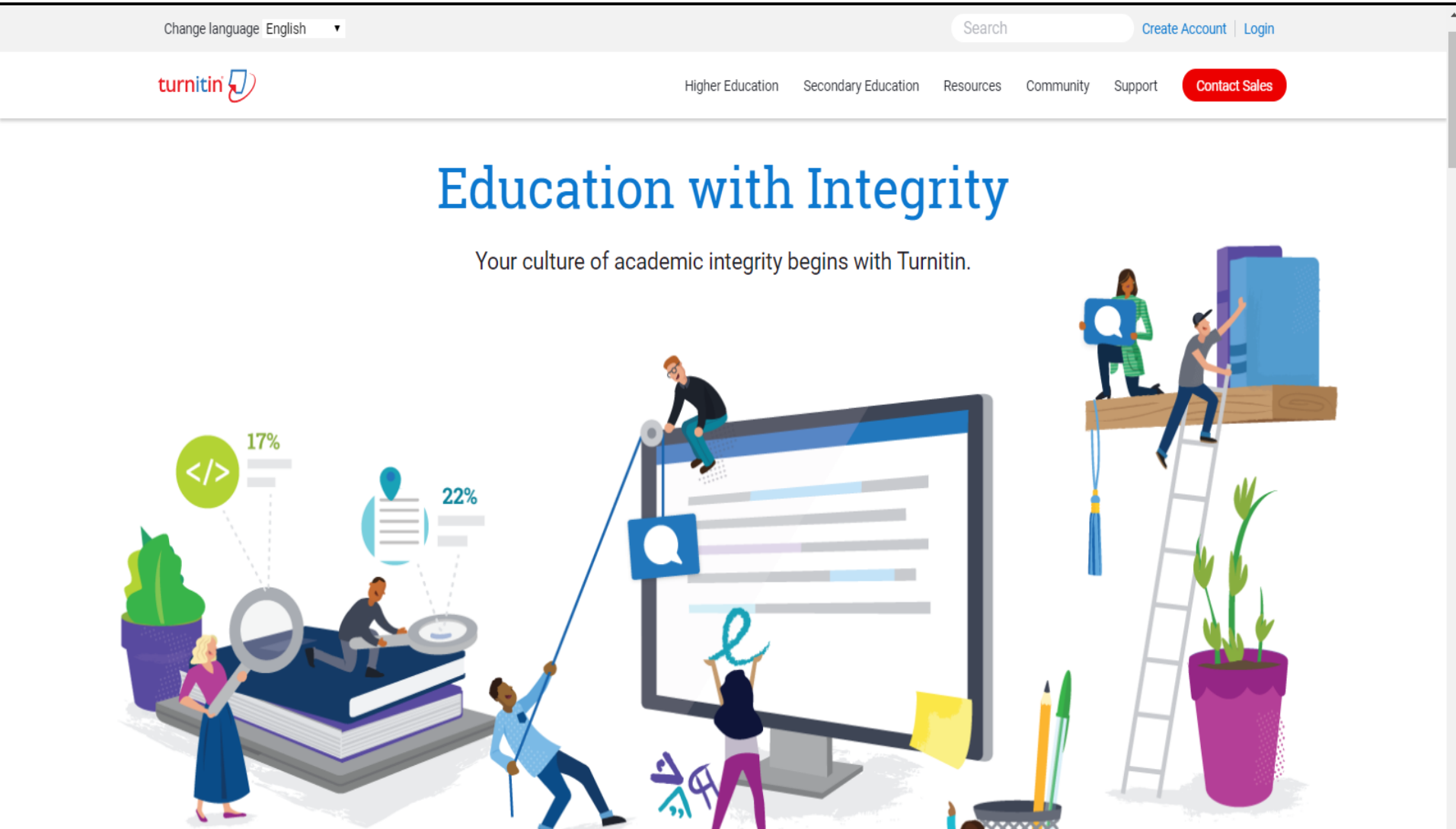


Faculty Research Profiles

- SRL has created research profiles of the faculty members using Indian Research Information Network System (IRINS) which is a web-based Research Information Management service developed by INFLIBNET Centre.
- IRINS enables faculty and scientists to collect, curate and showcase the scholarly communication activities and provide an opportunity to create the scholarly network.
- It provides more significant exposure for their research contributions to the international community and brings funding opportunities from the national and international agencies.
- It also enables the administrator to build research report, performance assessments and research impact analysis.

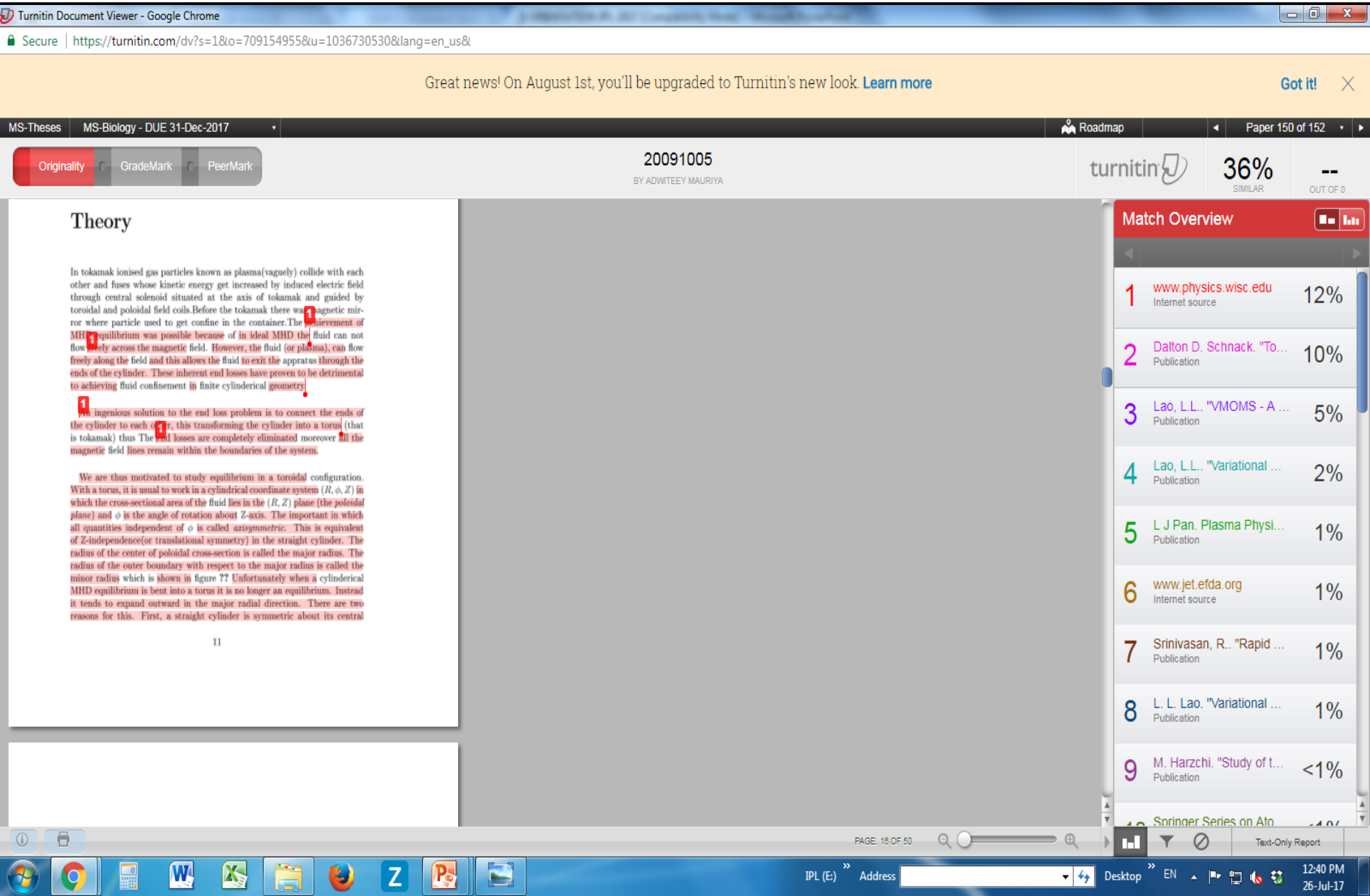


Turnitin : Similarity reports generation to avoid plagiarism



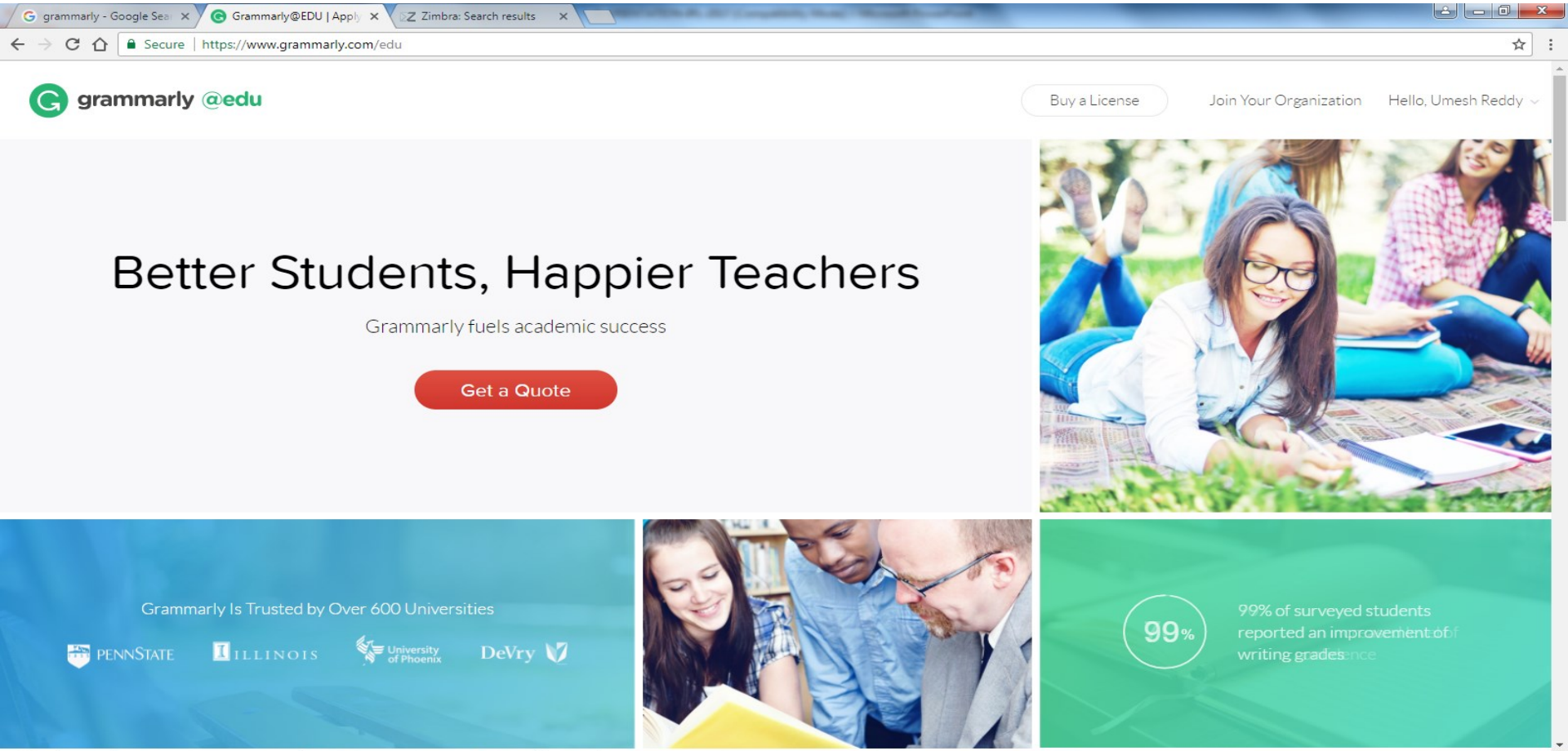
- Turnitin is a similarity / plagiarism checking web tool which allows researchers compare their content against a massive database to ensure the work is original before publication.

Sample Report - Similarity Detecting Software

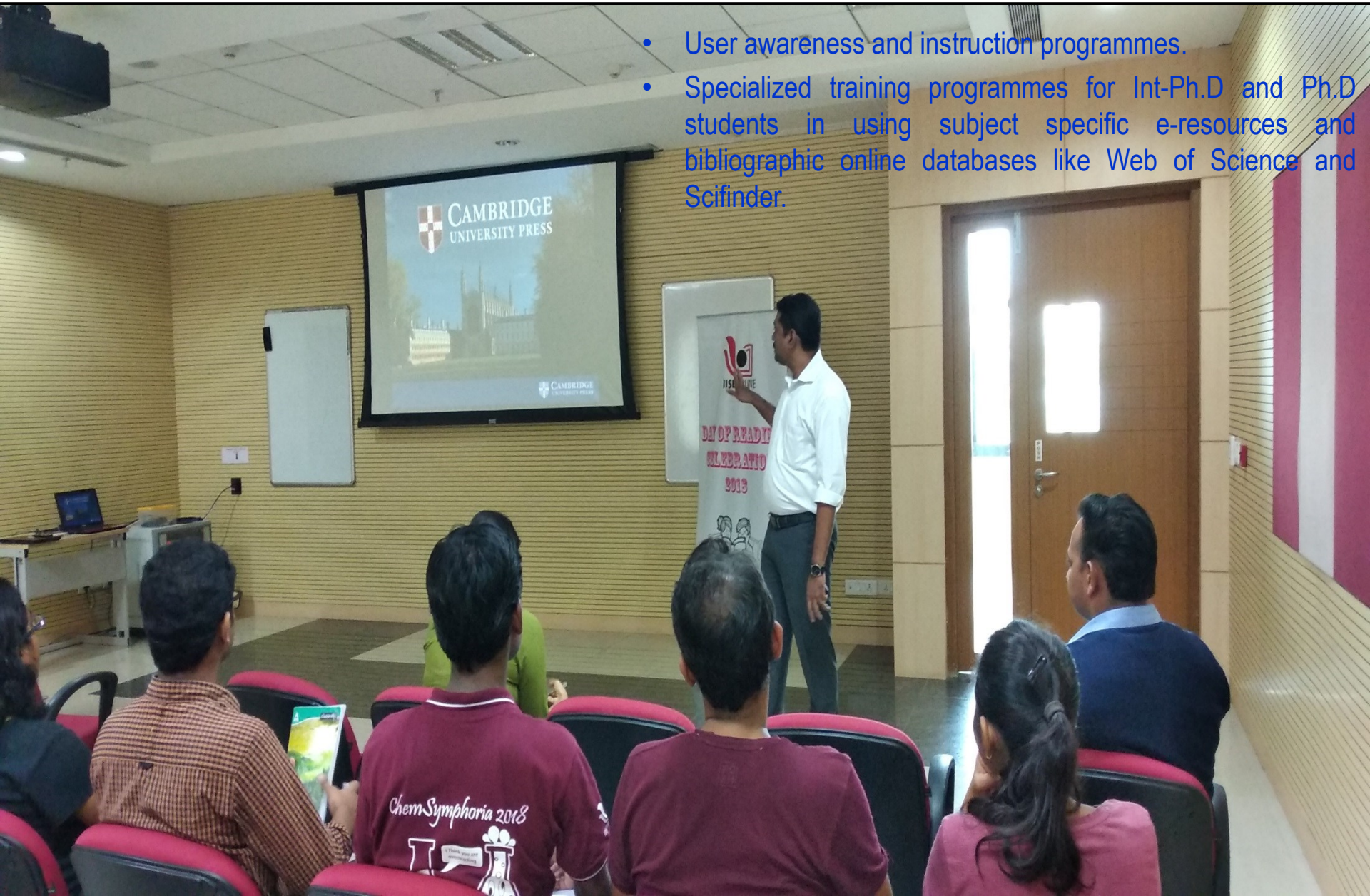


Grammarly – Writing Support Web Tool

- Grammarly is an online writing assistance tool which encourages polished grammar and a professional writing style.



User Orientation Programs



- User awareness and instruction programmes.
- Specialized training programmes for Int-Ph.D and Ph.D students in using subject specific e-resources and bibliographic online databases like Web of Science and Scifinder.

Author Workshops

- Author Workshops are conducted to provide insights into scientific publishing to an early career researchers. Some of the aspects that are covered in the workshop are; general structure of a research article, technical aspects of scientific manuscript writing, review process, author rights and responsibilities, publishing ethics, and bibliometric aspects of publishing.

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- **eBooks** - OPAC : National Digital Library of India (NDLI)
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- **Print Journals** - Refer within library
- **eJournals** - IP based campus-wide access
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