

Welcome  
to  
Session on Library Resources &  
Services at IIT Gandhinagar!



- *“Library is the heart of the University”* Charles W. Eliot
- *“A university is just a group of buildings gathered around a library”* Shelby Foote
- *“What a University thinks about its library is a measure of what it feels about education.”* Harold Howe

# What will be covered

---

- Library resources & services
- Citation & reference styles
- Citation & reference management software/tools
- Staying updated
- Plagiarism- how to avoid it
- Some resources to read

# About the Library

- Serves as **Centre place** for library & information services
- Serves as an **innovative partner** in teaching, learning and research activities
- Responsible for acquisition, processing, organizing & providing access to **high quality scholarly information** resources both in **print & digital form**
- **Contributes** (directly & indirectly) to the achievement of Institute's mission

# Previous Location

---

















LIBRARY







Silence Please



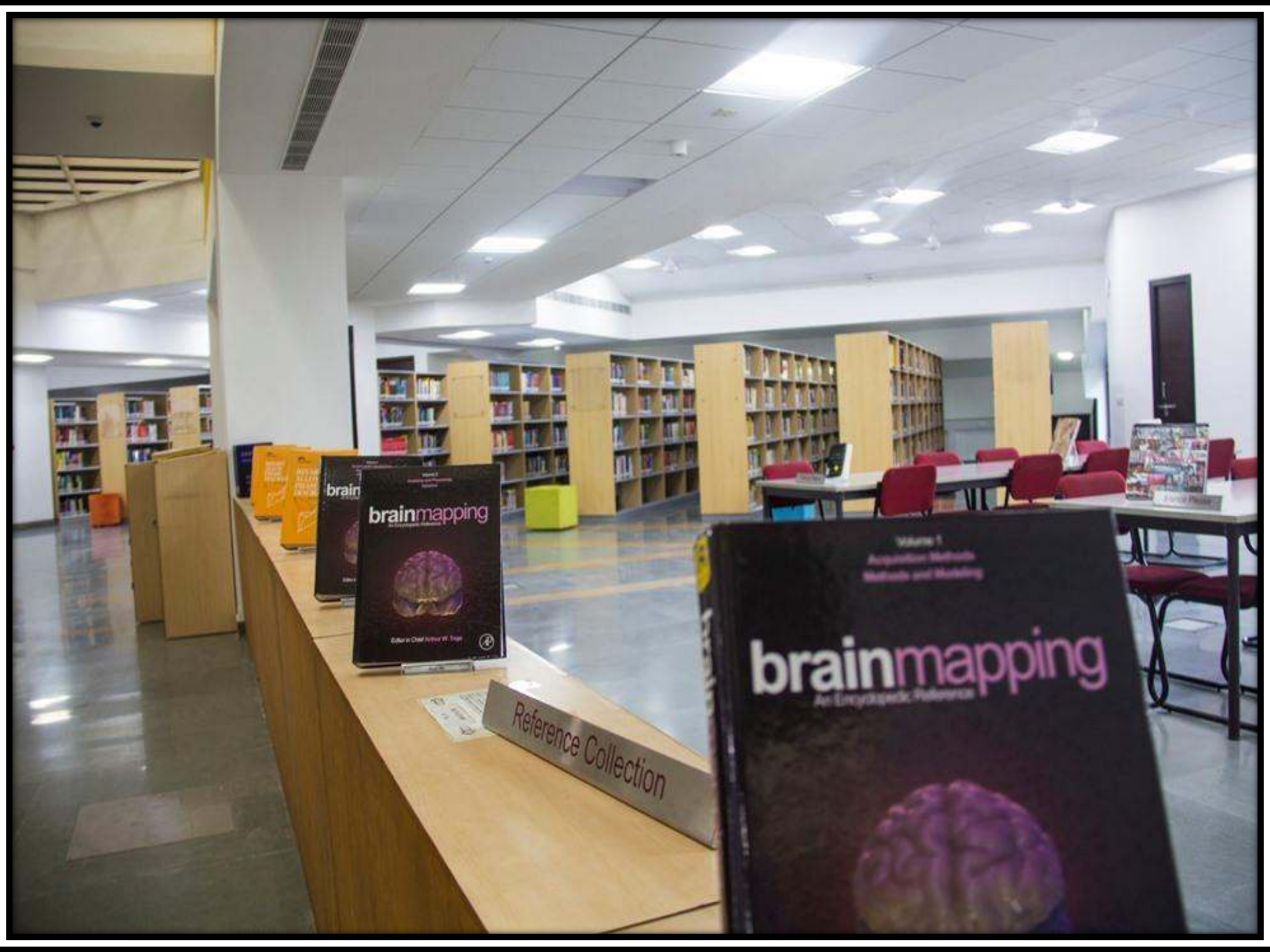












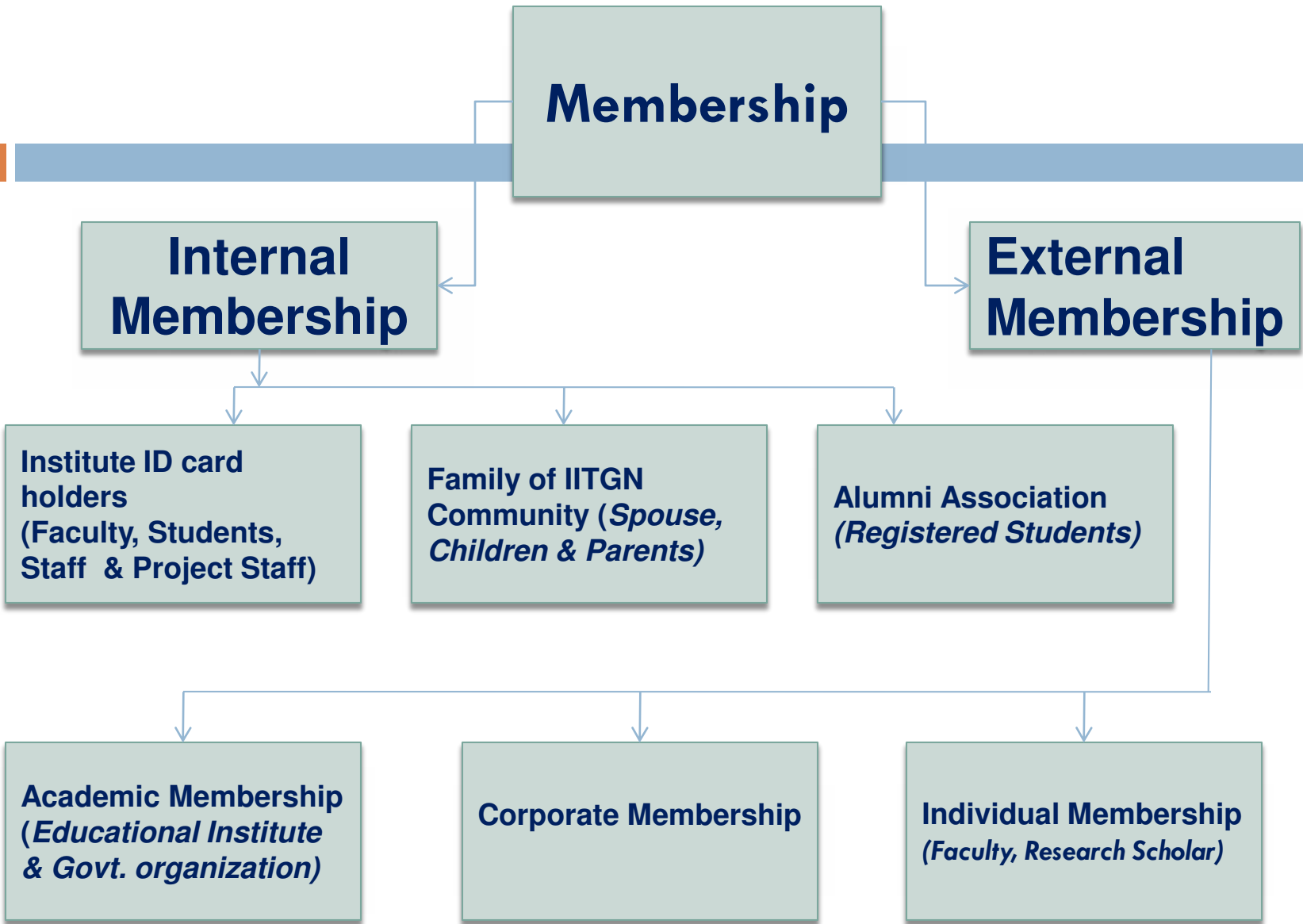




# Operational Divisions of Library



- Information Resource Acquisition & Technical Processing
- Information Resource Access & Users Services
- Information Technology Management & Scholarly Communication



# Academic Institutions & Government Departments

## Membership Fee

- Admission fee (one time) = **Rs. 2,000/-**
- Membership fee with borrowing facility (per annum) = **Rs. 10,000/-**
- Library Deposit (Refundable) for borrowing facility = **Rs. 6,000/-**

## Services Offered

- Borrowing of 4 books for 30 days those who have the membership with borrowing facility.
- Reference, Referral and Information Service
- Consult library resources & guidance within the premises of library.
- Bibliographic search assistance on topics of interest.
- Photocopying & articles printing services will available at prevailing cost (i.e Rs. 2/-per page + actual postage/courier charges).
- Any other assistance & guidance required in getting required information

# Individual Membership (Academics & Researchers)

## □ **Membership fee**

- Admission fee (one time) = **Rs. 1,000/-**
- Library Deposit (Refundable) for borrowing facility = **Rs. 3,000/-**

## □ **Borrowing privileges**

- Borrowing of 2 books for 30 days those who have the membership with borrowing facility.
- Reference, Referral and Information Service
- Photocopying & articles printing services will available at prevailing cost (i.e Rs. 2/-per page + actual postage/courier charges).
- Bibliographic search assistance on topics of interest.
- Current Awareness Services such as recent additions list, selected journals Table of Content Service etc.
- Literature Survey on specific research topic.
- Any other assistance & guidance required in getting required information



# Opening Hours

- **During Academic Session**

- **Opening Hours**

- ✦ Monday – Friday  
9:00 am - 02:00 am

- ✦ Saturday, Sunday & Holiday  
9:00 am - 10:00 pm

- 24 hours during mid & end sem. Exams ( 2 weeks each)

- **Issue & Return Hours**

- Monday-Saturday  
9:00 am - 8:00 pm

- **Vacation Period**

- **Opening Hours**

- 9:00 am - 9:00 pm ( all days)

- **Issue & Return**

- 9:00 am - 8:00 pm (Mon-Sat)

-----

- **No issue and return transactions on Sunday**

- **Library remains closed on three national holidays & Diwali & Dusshera**

# Resources at Glance

- ▣ Books – 23000+
- ▣ Reference Books (R)
- ▣ Course Readings
  - ▣ Course Reserve Collection (CR)
  - ▣ Short Loan Collection (SL)
- ▣ Children Books- 900+
- ▣ Journals, Magazines and Newspapers - 150+
- ▣ Theses & Dissertations - 90+
- ▣ Technical reports – 500+
- ▣ Digital Resources
  - ▣ CD, DVD, VCDs, etc. – 1300+
- ▣ Online Resource Collection - 60+
  - ▣ E-journals- 13000 +
- ▣ Open Access E-Resources



# E-Resources

# Bibliographic Databases

ACM Computing  
Review

AMERICAN MATHEMATICAL SOCIETY  
**MathSciNet**<sup>®</sup>  
Mathematical Reviews



**Scopus**



WEB OF SCIENCE™

**ISID**

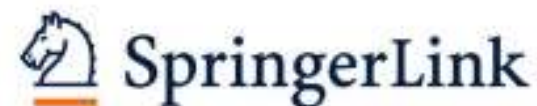




# Full Text E- Resources : Multidisciplinary



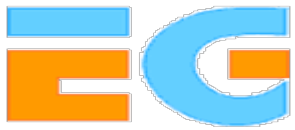
ScienceDirect



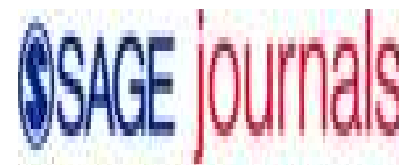
# Full Text E- Resources : Science



# Full Text E- Resources : Engg. & Tech



# Full Text E- Resources : Hum. & Social Science





# Others : Single Titles



# Others : Single Individual Titles



# Open Access E-Resources (Free)

- **Video Courses:** NPTEL
- **Journals:** Directory of Open Access Journals
- **Books:** DOAB, Google Books, Hathi Trust, HighWire, Project Gutenberg, Digital Library of India
- **Theses:** Shodhganga, ND LTD & many other
- **Search Engines:** Google Scholar, Microsoft Academic Search Live, JURN, ChemSpider, BASE: Bielefeld Academic Search Engine, CORE: Connecting Repositories, OAISTER
- **Library Catalogue:** IndCat, WorldCat, Trove, COPAC etc.
- **E-Prints:** arXiv.org, CogPrints, ChemXSeer, SSRN, RePEc
- **Many other scholarly sources**

# Access Policy for E-Resources

- Who can access e-resources?
  - ▣ Faculty, students, staff & others directly associated with IITGN
- How to access?
  - ▣ IP based access on Campus & Some require login ID & Password
  - ▣ Remote access (off campus access available)
- Copyright / License Agreement
  - ▣ Copyright regulations apply same way as printed books & journals
  - ▣ Electronic journals & databases access is based on license agreements with publishers / vendors.
  - ▣ <http://www.iitgn.ac.in/sites/default/files/IITGN%20E-Resource%20Use%20Policy.pdf>
- What's not permitted?
  - ▣ Systematic downloading, sharing with outside users, using any software to download entire database, creating your collection of entire, using it for commercial purpose



# Services offered

- Circulation services
- Reference & Information Services
- Current Awareness/Alert Services
- Inter Library Loan
- Document Delivery Service
- Information Literacy Sessions
  - ▣ Orientation
  - ▣ Special sessions- presentation-cum- demo
    - Scopus, Mendeley, SciFinder, ChemSpider, IEEEExplore, Turnitin
  - ▣ Focused group sessions
    - Research Scholars- Civil & Mechanical

# Services offered

- Literature survey & literature search services
- Compilation of bibliographies on specific topics
- Library memberships- BCL & American Library
- Facilitating other library reference
- Creating Subject Resource Guides
- Managing scholarly publications- Digital Repository
- Scholarly communication support
- Research funding sources
- Building virtual collection- cataloguing internet resources
- Developing academic archives

# IT Infrastructure

35

- Automated system for in-house operations – Koha- Open Source Software
- Good number of computers for accessing library resources
- Library Website- Drupal
- Digital Repository - DSpace
- Subject Resource Guides- SubjectPlus
- Wi-Fi facility
- High-speed connectivity to Internet- NKN
- Photocopier machines
- Scanners & Printers
- Remote Access (RemoteXS)
- E-resource Management System

# Building partnership & Interaction

- Developing collection in your area of research
- Designing new services
- Holding training sessions & workshops
- Helping in getting feedback & improving services
- Increasing use of library resources & services
- Creating subject resource guides in your disciplines
- Integrating library resources in to course
- Teaching Assistantship
- Planning for the library services on new campus
- Seek your IT expertise & assistance
- Any other way that you can help us



# Plans for immediate future

- Implementing RFID system- self check-out & return
- Providing Remote Access to E-Resources- RemoteX
- Web Scale Discovery Services- one point access
- Redesigning library website
- Introducing e-books collections & e-readers
- More sessions on finding, managing & using information
- Initiating virtual reference service
- Service on social network platforms
- Research data management services & many more...

## Latest at IITGN

### Events @ IITGN

- Convocation - 2015, August 01, 2015
- TechImpact postponed, new schedule will be communicated shortly
- Short Term Course cum Workshop on History, Science and Technology of Stone Beads, August 10-14, 2015
- More events

### Campus News

- Ultrathin Nano-sheets Developed by IITGN
- 60 Poor Students get IITGN Boost
- IITGN Grooms Health Researchers
- IITGN Developing Low-Cost Devices for Autistic Children
- Sudhir Jain: Building an Institution
- Programme for 'Equitable World' at IITGN
- Premier League
- Making Their Own Music
- IITGN to Launch Centre for Sustainable Development
- IITGN Designs New Barricades for Cops
- Latest Fellowship Sends IITGN Students on a 6-State Trip
- IITGN's App to Show Firemen the Way
- IITGN Holds Talk on Efficiency of Solar Cells
- IITGN Foundation Appoints First Executive Director



### ADMISSIONS

B.Tech 2015 Offer Letter

Prospective Students



### QUICK LINKS

- Permanent Campus Schedule
- Register for EOI Document
- The Campus on the Sabarmati
- Faculty Recruitment
- International Students
- Central Library
- Career Development Services
- IITGN Counseling Service
- Webmail
- Women Care Cell
- Subscribe to IITGN Newsletters
- Tenders/Auctions
- RTI



**IIT Gandhinagar**  
Indian Institute of  
Technology Gandhinagar

- ▼ About Us
  - ▶ Library Memberships
  - ▶ Organizational Memberships
  - ▶ Functional Divisions
  - ▶ Library Hours
  - ▶ Staff Details
  - ▶ Contact Us
- ▶ Collection
  - ▶ Online Catalogue
  - ▶ Digital Resources
  - ▶ Resource Guides
  - ▶ Union Catalogue
  - ▶ Library Services
  - ▶ Publications
  - ▶ Book Indent Form

## Library

The Central Library of IIT-Gandhinagar supports the main objective of the institute to become a world class institution in Engineering, Sciences and Humanities & Social Sciences.

The library has a rich collection of books on Electrical Engineering, Chemical Engineering, Computer Science, Mechanical Engineering, Chemistry, Physics, Mathematics, and Humanities & Social Sciences. The collection includes reference books, text books, CDs etc. We are constantly in a process of increasing our collection of books further.

IIT-Gandhinagar library has also started subscribing to research journals in electronic as well as printed formats. E-journals available with various reputed online scientific databases such as American Chemical Society, American Physical Society, American Mathematical Society, Annual Reviews, ASME, IEEE, JSTOR, MathSciNet, Nature, Sciendo-Direct and SpringerLink and can be accessed.



**IIT Gandhinagar**  
Indian Institute of Technology Gandhinagar

# Library Online Catalogue



Search  All item type All libraries

[Advanced search](#) | [Authority search](#) | [Tag cloud](#)

### Services

- Home
- Previous New Arrivals
- Book of the Week
- Circulation Privileges

### Quick Links

- Library Website
- Digital Repository
- e-Resources
- Resource Guides
- ITGN
- Contact

New Arrival Books of this week – [Click here](#) to view the complete list

### New & Upcoming Titles



**New ABCs of research: achieving breakthrough collaborations**  
by Shekterman, Ben



**On the shortness of life**  
by Seneca, Lucius Annaeus



### Log in to your account:

Log in:

Password:

[Forgot Password?](#)

### Library hours

**During Summer Vacation**  
Monday - Sunday 9:00 am to 9:00 pm

**Issue & Return Hours**  
Monday – Saturday 9:00 am to 8:00 pm





## Digital Repository@IIT Gandhinagar

Welcome to the Digital Repository at Indian Institute of Technology Gandhinagar!

This Digital Repository is an Institutional Repository of IIT Gandhinagar which is responsible for collecting, organizing, preserving and providing access to, and promoting dissemination of the intellectual (scholarly) output of IIT Gandhinagar faculty, students, staff and others associated with the Institute. This Digital Repository serves as a platform to faculty, researchers, students and staff members of the Institute to share their research work with wider community.

Digital Repository accepts documents viz., journal articles, conference papers, book chapters, working /technical papers, reports, theses and dissertations, presentations and any other resources submitted as part of academic requirement at the Institute and other forms of scholarly documents. Wherever possible and available, we will make an effort to provide access to the full- text of the documents covered in the digital repository, without violating copyrights/rights of the author or publisher, as relevant to each work.

Please feel free to write to us, if you want to know more about this service or have any questions with regard to depositing your documents or accessing deposited documents.

Email: [digitalrepository@iitgn.ac.in](mailto:digitalrepository@iitgn.ac.in)

## Disciplines & Communities

Select a community to browse its collections.

- Archaeological Sciences (Centre)
- Biological Engineering
- Biomedical Engineering (Centre)
- Chemical Engineering
- Chemistry

### Search Digital Repository

### Advanced Search

### Browse

#### All of DSpace

- By Communities & Collection
- By Issue Date
- By Author
- By Title
- By Subject

### My Account

- Login
- Register

### Discover

#### Author

- Ghoroi, Chinmay (29)
- Saini, Supreet (22)
- Sengupta, Anand (22)
- Manjiv, Jairoh A. (21)



## Welcome to Resource Guides!

The Resource Guides listed here link you to the quality resources available in the library and on the Web. These have been created and updated by the library staff. Resources covered include both print and electronic, subscribed and freely available on the web. We hope you will find the resources listed here useful to you in support of your academic, research and professional work.

If you need assistance in searching & making use of these resources, please do write to us: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in)

## List of Subjects & Resources

Subject  Resource

Archaeological Science	Subject
Civil Engineering	Subject
Cognitive Science	Subject
Electronic Thesis and Dissertation (ETD's) Resources	Resource
Open Access Resources	Resource

## Search/Find Resources

Quick Search

## New Subject/Resource Guides

- Electronic Thesis and Dissertation (ETD's) Resources
- Open Access Resources
- Civil Engineering
- Cognitive Science
- Archaeological Science

## Library Links

- Library
- Online Catalogue
- A to Z Resources
- Digital Resources
- Digital Repository
- IITGN Publications



## Library Contact

### Library

Indian Institute of Technology Gandhinagar  
V G E Campus, Chandkheda  
Ahmedabad 382 424 | Gujarat | INDIA  
Tel: + 91-79-32454368 | 09328474224  
Email: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in) & [libraryservices@iitgn.ac.in](mailto:libraryservices@iitgn.ac.in)

## Key to Icons

- = Restricted resource
- = Some full text
- = OpenURL enabled
- = Images
- = Video files
- = Audio files

## Archaeological Sites (Selected)

### Major Archaeological Sites

## Archaeological Science

### Welcome to Subject Resource Guide on **Archaeological Science!**

This resource guide serves as gateway to scholarly resources in the area of Archaeological Science. Resources listed here include those that are accessible through our library and also on the web. It enable you to access from one point, the resources such as books, print and e-journals, popular magazines, databases, theses and dissertations and other web based resources. This guide by no means is a comprehensive list, but serves as a useful starting point. We strive to add newer resources and keep the entire range of resource lists updated from time to time.

We request your active participation in making this resource guide as most useful starting point for scholarly resources in the discipline and request for your comments and suggestions.

## IIT Gandhinagar Library WebOPAC

Title  Textual Documer  Search

Contains  Exact  Begins with  Ends with Record Per Page

## All Items by Source

A-Z LIST OF E-JOURNALS      Electronic Journals      PROFESSIONAL BODIES





IIT Gandhinagar  
Indian Institute of Technology Gandhinagar

# Civil Engineering

Library | Resource Guides | Civil Engineering

## Library Contact

### LIBRARY

Indian Institute of Technology Gandhinagar  
V G E C Campus, Chandkheda  
Ahmedabad 382 424 | Gujarat | INDIA  
Tel: + 91-79-32454368 | 09328474224  
Email: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in) & [libraryservices@iitgn.ac.in](mailto:libraryservices@iitgn.ac.in)

## Key to Icons

- = Restricted resource
- = Some full text
- = OpenURL enabled

- = Images
- = Video files
- = Audio files

## YouTube Lectures

- Civil Engineering

## Civil Engineering

### Welcome to Subject Resource Guide on **Civil Engineering!**

This resource guide serves as gateway to scholarly resources in the area of **Civil Engineering** and related subjects. Resources listed here include those that are accessible through our library and also on the web. It enable you to access from one point, the resources such as books, print and e-journals, popular magazines, databases, theses and dissertations and other web based resources. This guide by no means is a comprehensive list, but serves as a useful starting point. We strive to add newer resources and keep the entire range of resource lists updated from time to time.

We request your active participation in making this resource guide as most useful starting point for scholarly resources in the discipline and request for your comments and suggestions.

## IIT Gandhinagar Library WebOPAC

Title  Textual Documer  Search

Contains  Exact  Begins with  Ends with Record Per Page

## All Items by Source



## Library Contact

### LIBRARY

Indian Institute of Technology Gandhinagar  
V G E C Campus, Chandkheda  
Ahmedabad 382 424 | Gujarat | INDIA  
Tel: + 91-79-32454368 | 09328474224  
Email: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in) & [libraryservices@iitgn.ac.in](mailto:libraryservices@iitgn.ac.in)

## Key to Icons

- = Restricted resource
- = Some full text
- = OpenURL enabled

- = Images
- = Video files
- = Audio files

## Institutes in Cognitive Science (Selected)

- Homi Bhabha Centre for Science

## Cognitive Science

Welcome to Subject Resource Guide on **Cognitive Science!**

This resource guide serves as window to scholarly resources in the area of Cognitive Science. Resources listed here include those that are accessible through our library and also on the web. It enable you to access from one point, the resources such as books, print and e-journals, popular magazines, databases, theses and dissertations and other web based resources. This guide by no means is a comprehensive list, but serves as a useful starting point. We strive to add newer resources and keep the entire range of resource lists updated from time to time.

We request your active participation in making this resource guide as most useful starting point for scholarly resources in the discipline and request for your comments and suggestions.

## IIT Gandhinagar Library WebOPAC

Title  Textual Documer  Search

Contains  Exact  Begins with  Ends with Record Per Page

## All Items by Source





IIT Gandhinagar  
Indian Institute of Technology Gandhinagar

# Electronic Thesis and Dissertation (ETD's) Resources

Library | Resource Guides | Electronic Thesis and Dissertation (ETD's) Resources

## Library Contact

LIBRARY  
Indian Institute of Technology Gandhinagar  
V G E C Campus, Chandkheda  
Ahmedabad 382 424 | Gujarat | INDIA  
Tel: + 91-79-32454368 | 09328474224  
Email: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in) & [libraryservices@iitgn.ac.in](mailto:libraryservices@iitgn.ac.in)

## Key to Icons

- = Restricted resource
- = Some full text
- = OpenURL enabled
- = Images
- = Video files
- = Audio files

## Theses at IIT Gandhinagar

- Digital Repository at IIT Gandhinagar

## Electronic Thesis and Dissertation (ETD's)

Welcome to Subject Resource Guide on **Electronic Theses & Dissertations (ETD)**!

This resource guide serves as gateway to various (bibliographic and full text) resources on Electronic Theses & Dissertations. Resources listed here include those that are accessible through our library and also on the web. It enable you to access from one point a large number of institutional, national and international resources on theses and dissertations submitted to various universities. This guide by no means is a comprehensive list, but serves as a useful starting point. We strive to add newer resources and keep the entire range of resource lists updated from time to time.

We request your active participation in making this resource guide as most useful starting point for scholarly resources in the area of theses and dissertations and request for your comments and suggestions.

## IIT Gandhinagar Library WebOPAC

TO SEARCH M. TECH. AND PH.D. THESIS AND DISSERTATION OF IIT GANDHINAGAR

Title  Textual Documer  Search

Contains  Exact  Begins with  Ends with Record Per Page



**IIT Gandhinagar**  
Indian Institute of Technology Gandhinagar

# Open Access Resources

Library | Resource Guides | Open Access Resources

## Library Contact

### LIBRARY

Indian Institute of Technology Gandhinagar  
V G E C Campus, Chandkheda  
Ahmedabad 382 424 | Gujarat | INDIA  
Tel: + 91-79-32454368 | 09328474224  
Email: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in) & [libraryservices@iitgn.ac.in](mailto:libraryservices@iitgn.ac.in)

## Open Access



Image courtesy of [openaccessweek.org](http://openaccessweek.org) distributed under the Creative Commons Attribution License

## Organizations Involved in OA

- Alliance for Taxpayer Access
- Creative Commons
- Internet Archive
- Public Library of Science (PLoS)
- Open Access Working Group

## About Open Access Resource

Open Access is the context of research or scholarly literature that, can be freely access by anyone via the internet. OA literature are available in digital online and free of charge and permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles.

## Library Web OPAC

Title  Textual Documer  Search

Contains  Exact  Begins with  Ends with Record Per Page

## What is Open Access?

Open Access (OA) literature is digital, online, free of charge, and free of most copyright and licensing restrictions. Open access is information that is: [Cite: Suber, Peter, (2004). [Open Access Overview](#)]

- Free to read
- Unrestricted
- Online

Open Access (OA) is the practice of providing unrestricted access via the Internet to peer-reviewed scholarly research. It is



## A to Z Resources

Find the best library resources for your research.  
Use the boxes below to limit your choices by subject or type of resource.

## List of Resources

**A** C D E F G H I J K L M N O P R S T All

- by format -    - by subject -

[expand all descriptions](#)

- AATA Online
- ADS database
- AIP Journals
- American Institute of Biological Science
- American Scientists

## Search Resources

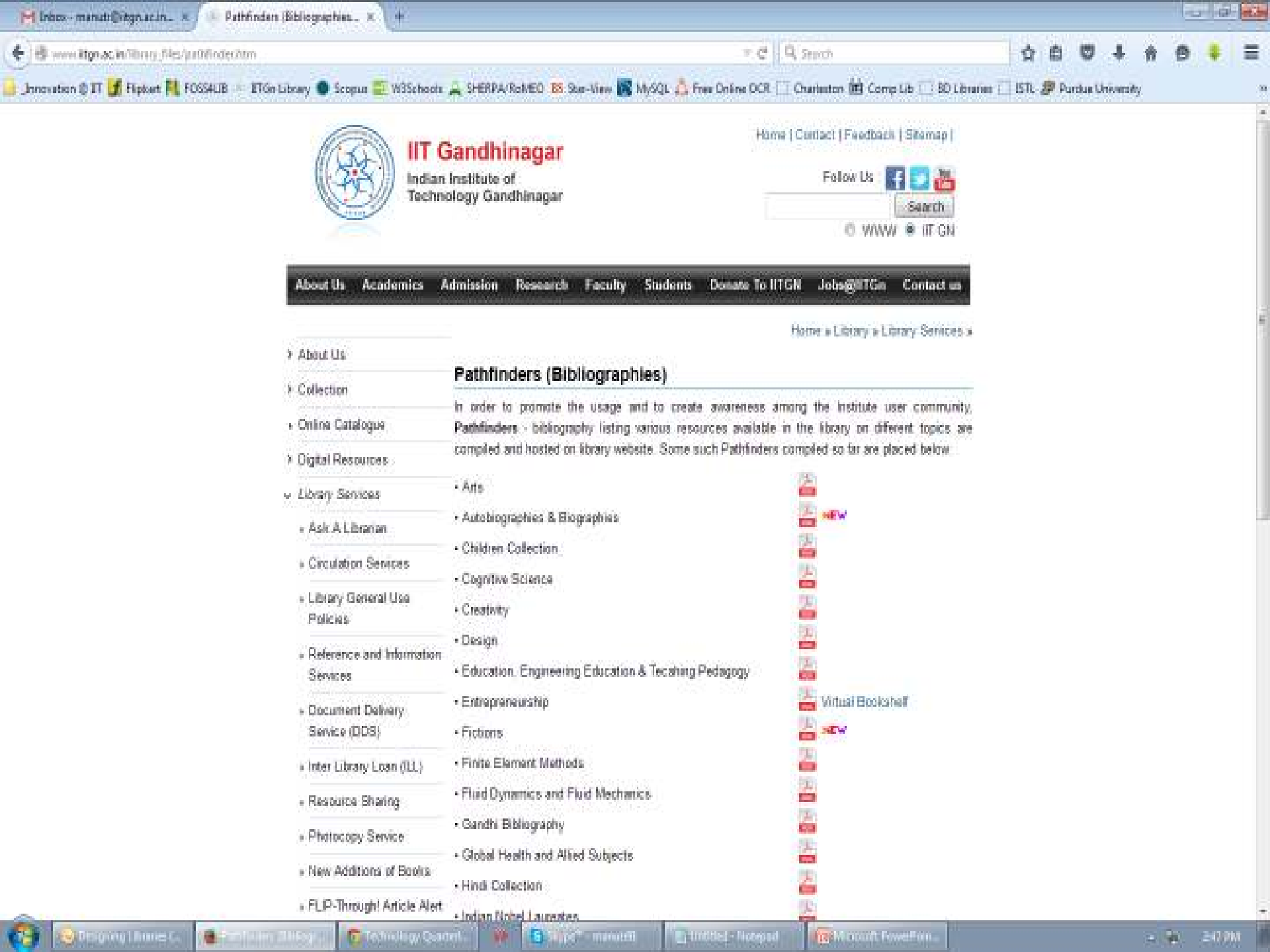
Quick Search

## Library Links

- [Library](#)
- [Online Catalogue](#)
- [A to Z Resources](#)
- [Digital Resources](#)
- [Digital Repository](#)
- [IITGN Publications](#)

## Key to Icons

- = Audio files
- = Some full text
- = Images
- = OpenURL enabled
- = Video files



**IIT Gandhinagar**  
Indian Institute of  
Technology Gandhinagar

[Home](#) | [Contact](#) | [Feedback](#) | [Sitemap](#)

Follow Us   

Search

[WWW](#) [IIT GN](#)

- [About Us](#)
- [Academics](#)
- [Admission](#)
- [Research](#)
- [Faculty](#)
- [Students](#)
- [Donate To IITGN](#)
- [Jobs@ITGN](#)
- [Contact us](#)

[Home](#) > [Library](#) > [Library Services](#) >

- ▶ [About Us](#)
- ▶ [Collection](#)
- ▶ [Online Catalogue](#)
- ▶ [Digital Resources](#)
- ▼ [Library Services](#)
  - ▶ [Ask A Librarian](#)
  - ▶ [Circulation Services](#)
  - ▶ [Library General Use Policies](#)
  - ▶ [Reference and Information Services](#)
  - ▶ [Document Delivery Service \(DDS\)](#)
  - ▶ [Inter Library Loan \(ILL\)](#)
  - ▶ [Resource Sharing](#)
  - ▶ [Photocopy Service](#)
  - ▶ [New Additions of Books](#)
  - ▶ [FLP-Through Article Alert](#)

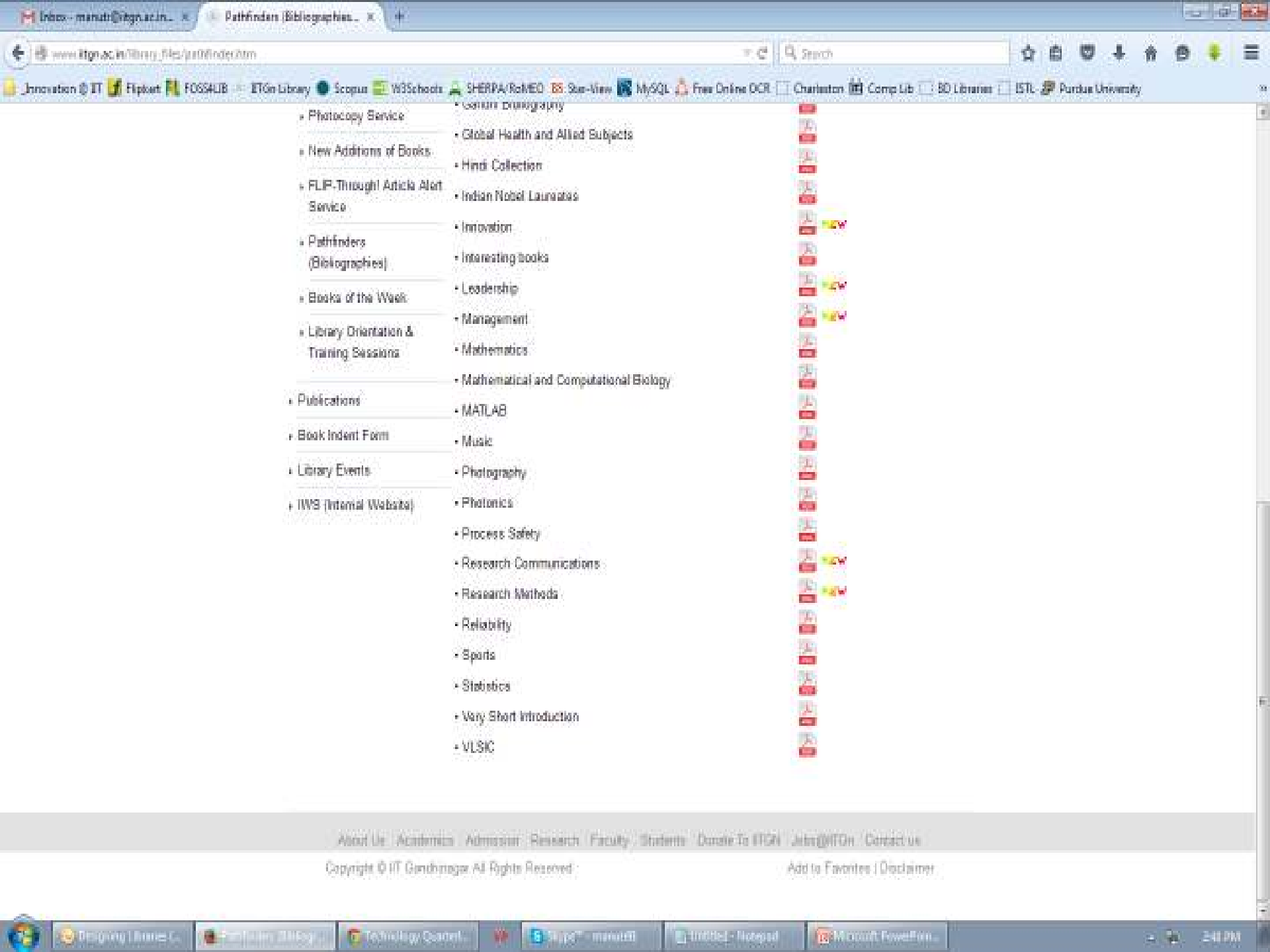
### Pathfinders (Bibliographies)

In order to promote the usage and to create awareness among the Institute user community, Pathfinders - bibliography listing various resources available in the library on different topics are compiled and hosted on library website. Some such Pathfinders compiled so far are placed below.

- ▶ [Arts](#)
- ▶ [Autobiographies & Biographies](#)
- ▶ [Children Collection](#)
- ▶ [Cognitive Science](#)
- ▶ [Creativity](#)
- ▶ [Design](#)
- ▶ [Education, Engineering Education & Teaching Pedagogy](#)
- ▶ [Entrepreneurship](#)
- ▶ [Fictions](#)
- ▶ [Finite Element Methods](#)
- ▶ [Fluid Dynamics and Fluid Mechanics](#)
- ▶ [Gandhi Bibliography](#)
- ▶ [Global Health and Allied Subjects](#)
- ▶ [Hindi Collection](#)
- ▶ [Indian Nobel Laureates](#)

- 
-  NEW
- 
- 
- 
- 
- 
- 
-  Virtual Bookshelf
-  NEW
- 
- 
- 
- 
- 
- 





- Photocopy Service
- New Additions of Books
- FLIP-Through Article Alert Service
- Pathfinders (Bibliographies)
- Books of the Week
- Library Orientation & Training Sessions
- Publications
- Book Indent Form
- Library Events
- IWS (Internal Website)
- General Bibliography
- Global Health and Allied Subjects
- Hindi Collection
- Indian Nobel Laureates
- Innovation
- Interesting books
- Leadership
- Management
- Mathematics
- Mathematical and Computational Biology
- MATLAB
- Music
- Photography
- Photonics
- Process Safety
- Research Communications
- Research Methods
- Reliability
- Sports
- Statistics
- Very Short Introduction
- VLSIC







# List of Books

on

**R**esearch  
**M**ethods

(Available in the Library)

Compiled

By

**LIBRARY**

**Indian Institute of Technology Gandhinagar**



**RESEARCH**

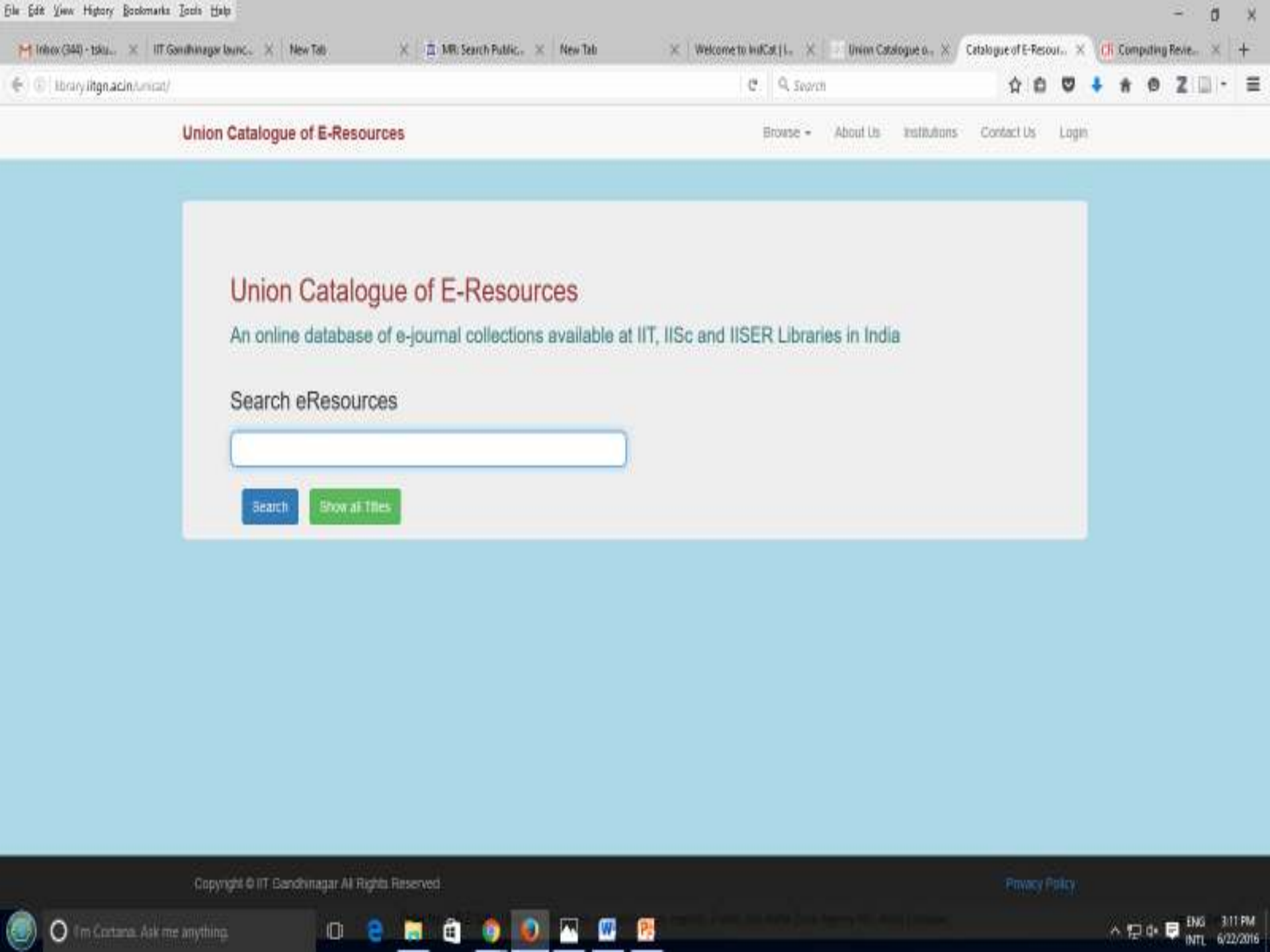
**COMMUNICATION**

(List of books available in the Library)



**Compiled  
By  
LIBRARY**

**Indian Institute of Technology Gandhinagar**



## Union Catalogue of E-Resources

[Browse](#) - [About Us](#) - [Institutions](#) - [Contact Us](#) - [Login](#)

### Union Catalogue of E-Resources

An online database of e-journal collections available at IIT, IISc and IISER Libraries in India

Search eResources

Search

Show all Titles

# Institutional Membership

## □ Professional Societies

- American Concrete Institute, American Mathematical Society, Euro Graphics, FIB, Indian Academy of Sciences, IABSE, IATUL, NICEE, SIAM

## □ Library Networks & Consortia

- DELNET- Developing Library Network
- INFLIBNET e-resource consortium
- ShodhSindhu- MHRD & INFLIBNET supported

## □ Libraries

- American Library, Mumbai
- British Library, Ahmedabad

# Library Communications

- ❑ Through Institute email
- ❑ Library Website
- ❑ Bulletin Boards in the Library
- ❑ Suggestion Box
- ❑ Ask A Librarian!
- ❑ Email us :
  - General: [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in)
  - Library Acquisition : [libraryacquisition@iitgn.ac.in](mailto:libraryacquisition@iitgn.ac.in)
  - Library Circulation: [librarycirculation@iitgn.ac.in](mailto:librarycirculation@iitgn.ac.in)
  - Library Services: [libraryservices@iitgn.ac.in](mailto:libraryservices@iitgn.ac.in)
- ❑ Tel: 09328474224, 32454368





# Reference & Citation Styles

# Reference & Citation Styles

- Set of rules, guidelines, standards, best practices
- Bring uniformity in style & formatting of documents
- Set of rules- spelling, italics, punctuation, spacing, headings
- Styles are established by convention & group use
- Frequently revised to accommodate new changes
- Mandatory to follow while writing documents

# Types of Citation & Reference Styles

- ACS Style Guide
- AIP Style Manual for Guidance in the Preparation of Papers
- APA Style Manual
- Chicago Manual of Style
- Harvard style
- IEEE standards Style Manual
- MLA Style
- Turabian
- Many others...

Home » Library » Digital Resources » Virtual Reference Collection »

- » About Us
- » Collection
- » Online Catalogue
- » Digital Resources
  - » Full-Text Journals
  - » Bibliographic Databases
  - » Open Access Resources
  - » Off-Campus Access
  - » Audio Visual Resources
  - » Digital Repository
- » Virtual Reference Collection
  - » Citation Style
  - » e-Print Archives
  - » Indian Libraries (INDEST Core Members)

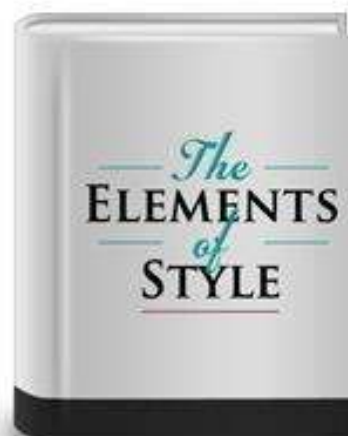
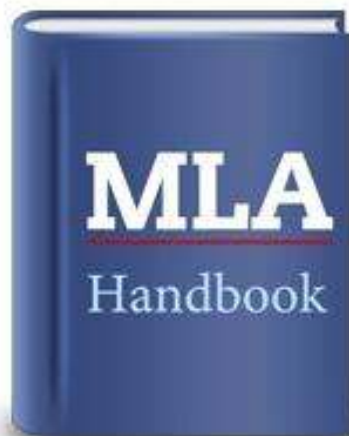
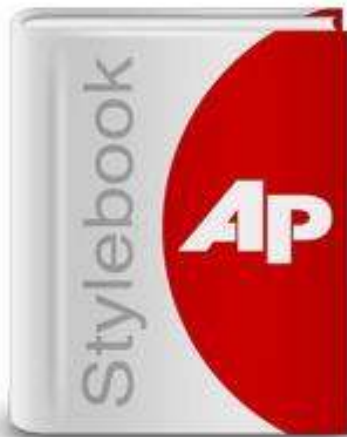
## Reference and Citation Style Guides

Providing references and citations is an important and essential part of any type of academic writing. The main purpose is to acknowledge the original source of ideas and work that is not the author's own, and to direct the readers to the original sources of information. Whenever you use sources such as books, journals, research papers, web sites, e-resources and others in the writings, one must give credit to the original author by properly citing the sources.

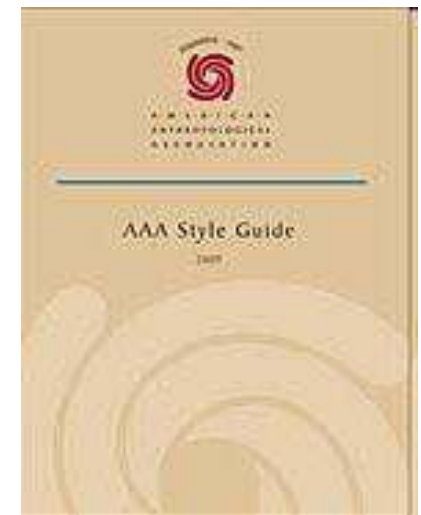
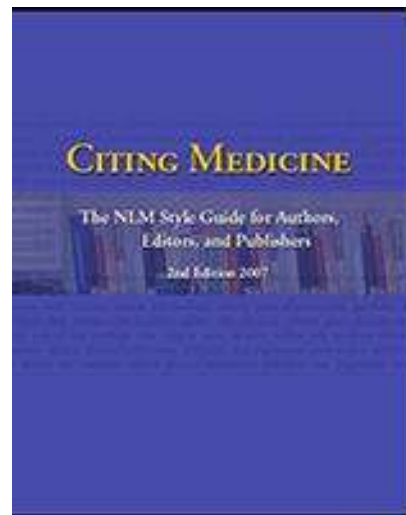
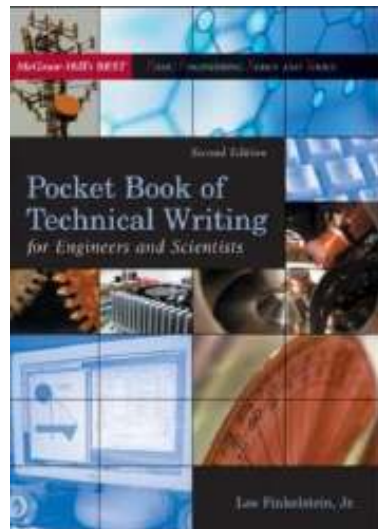
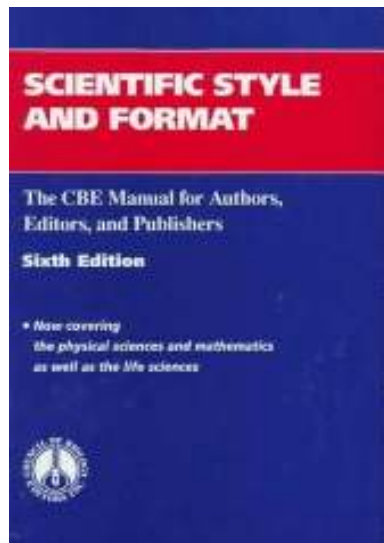
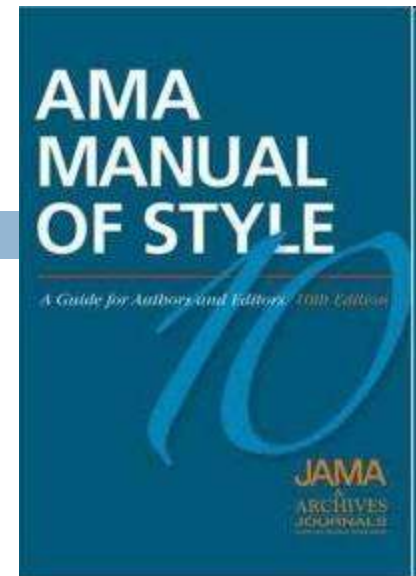
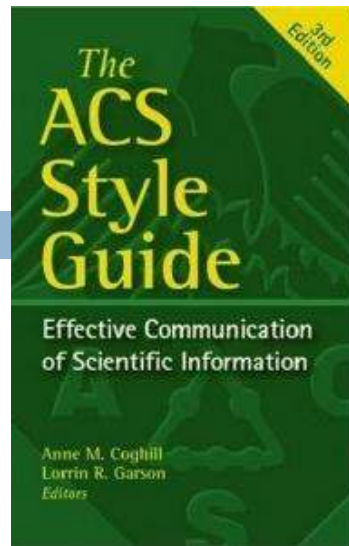
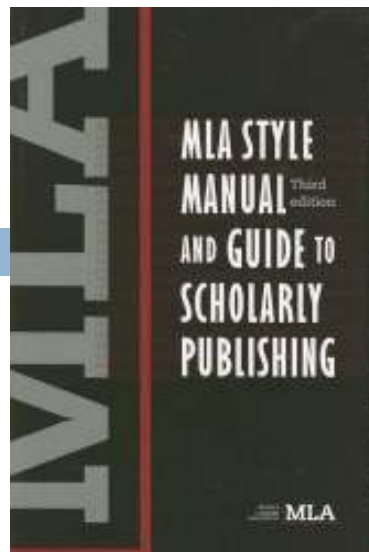
There are a number of different reference and citation styles available. Styles are basically well established practices and conventions. Depending on the discipline in which one is working and also the widely used style in the respective discipline, one can decide to select and use a particular style.

Following links provide the list of varieties of styles and also the guidelines for using. If you have any questions or need guidance is using, please contact the library staff at [librarian@iitgn.ac.in](mailto:librarian@iitgn.ac.in)

1. AAA Style (American Anthropological Association)
2. ACS Style (American Chemical Society)
3. AIP Style (American Institute of Physics)
4. American Antiquity Style-Society for American Archaeology
5. AMS Style (American Mathematical Society)
6. AP Style (Associated Press Style)
7. APA Style (American Psychological Association)
8. APSA Style (American Political Science Association)
9. ASA Style (American Sociological Association)
10. ASABE Citation Style (American Society of Agricultural and Biological Engineers)
11. ASME Citation Style (American Society of Mechanical Engineers)







# Websites (examples)

## **APA Style**

- Official Website  
<http://www.apastyle.org/>
- Examples  
<http://www.usq.edu.au/library/referencing/apa-referencing-guide>

## **IEEE Style**

- Official Website  
<http://www.ieee.org/documents/ieeecitationref.pdf>
- Examples  
<http://libguides.murdoch.edu.au/IEEE/sample>
- Reference & citation styles (examples)  
<http://www.iitgn.ac.in/citation-style.htm>



# Reference/Citation Management Software Tools

# Reference/Citation Management Software



- Citations, references, bib. - fundamental to a good research
- They serve as foundation of scholarship
- Collecting, organizing, using references is a tedious job
- It is most complicated aspect of being a researcher
- Producing bibliography was time consuming
- Effective managing of these references is very important

# Reference/Citation Management Software...



- RM Tools are essential for effective managing references
- Good number of reference management software exists
- Number of citation styles also exist
- RM resemble managing personal digital library
- Which one to use & how to select
- Some are widely used among S&T community



# Broad Features & Functions of RMs...



- Importing/exporting of citations from databases & websites
- Gather metadata from PDF files/websites
- Offer data storage options
- Adhere to standard formats- RIS & BibTex
- Organization of citations within the RM database
- Adding notes & annotations to citations
- Searching & sorting within the database

# Broad Features & Functions of RMs

- Sharing of RM database in full or part
- Data interchange/migration with other RMs
- Producing formatted citations/bibliographies
- Integration with Word Processing software for in-text-citations
- Linking with full text- using link resolver technology
- Available- Open source/free/ fee based
- Different levels-Individual/institutions/web 2.0 versions

# Selected & Most Popular RM Tools

- EndNote
  - <http://endnote.com/>
- RefWorks
  - <http://www.proquest.com/products-services/refworks.html>
- Mendeley
  - <https://www.mendeley.com/>
- Papers
  - <http://papersapp.com/>
- Zotero
  - <https://www.zotero.org/>
- Many others- JabRef, WebNotes...

# What is important to you?

- Cost
- Format the occasional paper
- Open Source
- Manage documents
- Collaboration
- Social media



# What do you want to do?

- What programs are your colleagues using? For example, if fellow researchers are all using Zotero to share citations, you might consider Zotero so that you can share your research, too
- Use what you like! There is no one perfect program, so use what you are comfortable with
- You can use more than one software. Records can be transferred from one program to another, so do not feel limited to choosing only one



# EndNote

- ❑ Oldest one & most popular for desktop owned by Thomson Reuters
- ❑ Small edition, desktop & web edition available
- ❑ Heavily used by S&T community
- ❑ Compatible with Win & Mac
- ❑ Has all major features & functionalities
- ❑ Extracts metadata from PDF files
- ❑ Search across PDF
- ❑ Has cite as you write feature
- ❑ Link resolver integrated
- ❑ Can handle large collections of citations
- ❑ Many library databases offer a direct export option for EndNote

# THOMSON REUTERS ENDNOTE

Free EndNote Trial Site Search

Product Details Downloads Training Support Blog Buy

**Find, use and share research with EndNote**

It's for more than bibliographies. Sync your EndNote library across your desktop, iPad and online. Work on your research from anywhere.

[Buy EndNote](#) [Try EndNote for free](#)

[Ask about group pricing options >](#)

Download on the App Store

Windows 10 Compatible Mac

EndNote  
https://my.endnote.com

ENDNOTE™

Sign in or create an account

E-mail:

Password:

My Library

Author	Title
Pappert, L. M.	Grey panel (Dietrich 1976)
Pappert, L. M.	Cognition and communication
Pappert, L. M.	How to use the hidden...
Pappert, L. M.	How to use the hidden...
Pappert, L. M.	Asian cognition and social...
Pappert, L. M.	Symbolic communication...
Pappert, L. M.	Cooperative problem solving...
Pappert, L. M.	Philosophy of language...
Schwartz, C. J.	The development of teacher...
Schwartz, C. J.	Grey panels are influential...
Schwartz, C. J.	Public issue Pappert's...
Schwartz, C. J.	The path to communication...
Schwartz, S. J.	The annual has a bright...
Schwartz, S. J.	On the capability of birds...
Schwartz, S. J.	State of numerical systems...
Schwartz, S. J.	High level (Chomsky)...
Schwartz, S. J.	How children learn...
Schwartz, S. J.	A holistic physiology for...
Schwartz, S. J.	How the brain gets...
Schwartz, S. J.	How the brain gets...
Schwartz, S. J.	The way of appearance in...
Schwartz, S. J.	The Great handbook of...
Schwartz, S. J.	An introduction to...
Schwartz, S. J.	Hand classification...
Schwartz, S. J.	Human intelligence...
Schwartz, S. J.	How data on the brain...

# RefWorks

- ❑ First came in 2001 now owned by ProQuest
- ❑ Available Desktop/Web based versions
- ❑ Available on all platforms & Compatible with other RM
- ❑ Has
  - ❑ Bookmarklet, RefShare, File attachment, Write-N-Cite, Customization, link resolver
- ❑ Subscription based - individual & institutions
- ❑ Institution accounts provide more feature & options
- ❑ Many library databases offer a direct export option for RefWorks
- ❑ Small learning curve
- ❑ Not very good for managing PDFs
- ❑ Interface seems out-of-date
- ❑ Flow and RefWorks 3

English

Support Center | Dissertations & Theses | Publishers & Partners | News | Careers | Contact



Search whole site

For Libraries For Researchers Products & Services For Customers Events About Blogs

ProQuest > Products & Services > RefWorks

# RefWorks



## Fast Facts

Integrated across the workflow  
Comprehensive citation management  
Powerful collaboration

## Intended For

Academic Government  
Corporate

## Get Started

CONTACT US

Download a short description

Share / Save

Explore: What's New New RefWorks Benefits and Features Connect Resources

# RefWorks Flow

## ProQuest Flow

The screenshot displays the ProQuest RefWorks interface. On the left is a dark sidebar with navigation options: 'All Documents', 'Recent', 'Sharing', 'Cancer and pain', 'Dementia', 'Wine Research', and 'Nanotechnology'. The main area shows a list of documents with checkboxes and titles like 'Melanoma', 'Cardiovascular a...', 'Fetal hyperglycer...', and 'Ameliorative Effe...'. A blue 'More' button is highlighted with a red box, and its dropdown menu is open, showing options like 'Share collection...', 'Create bibliography...', 'Export references...', 'Find duplicates', and 'Custom citation styles'. The 'Share collection...' option is also highlighted with a red box, and a tooltip above it reads 'Share this collection with other people'.

ProQuest Flow

- All Documents
- Recent
- Sharing
  - Cancer and pain
  - Dementia
  - Wine Research
  - Nanotechnology

More ▾

- Melanoma
- Cardiovascular a...  
Husted, Thavaneswa
- Fetal hyperglycer...  
Koskinen, Lukkarine
- Ameliorative Effe...  
Oluwole Busayo, Lau

Share collection...

Share this collection with other people

- Create bibliography...
- Export references...
- Find duplicates
- Custom citation styles



# Mendeley

- By a new start-up company Mendeley -2008
- Basic version Free - with an option to upgrade at cost
- Offers both desktop & web version but more than that, it is a community of researcher
- Compatible across platforms, Copy and paste feature, Extracts website data
- Great at managing PDFs can view & annotate directly in Mendeley
- Dashboard for collaboration & to watch research trends
- Cite as you write or use drag & drop, Generate individual statistics
- Ability to mark paper as read & unread
- Now owned by Elsevier - terrible reputation for supporting open research
- You can search through the millions of papers it contains from other Mendeley users, share your references and papers with collaborators, join public discussion groups, and discover other researchers in your field.






Have an account? [Sign in](#)

# Your research, anywhere.

*For students and researchers*

Mendeley is a **free reference manager** and **academic social network**.  
Make your own **fully-searchable library** in seconds, **cite as you write**,  
and **read and annotate** your PDFs on any device.

[Create a free account](#)

Download for free on: Mac   



# Papers

- Began as Mac software
- Best interface for both Mac and Windows
- Automatically downloads and organizes documents as they are viewed
- Includes built-in search and discovery tools
- Allows annotation of PDFs
- iOS app available for reading on the go
- Includes a slick, light-weight citation manager
- Works well with Google Docs
- Owned by Springer Nature Company

# Papers

## Your personal library of research

Papers helps you collect and curate the research material that you're passionate about.

This award winning reference manager will improve the way you find, organize, read, cite and share.



# Zotero

- By Librarians from Centre for History & New Media, George Mason University, in 2006
- Free ( Open Source), charges for data storage
- Web and browser-based citation tool
- Plug in for Firefox browser
- Works best with Firefox, though standalone versions are available for use with Safari and Chrome.
- Best for extracting metadata from websites & Extracts metadata from PDF files
- Sharing, link resolving, cite as you write etc
- Free up to 300 MB of storage
- Automatically imports PDFs when possible
- Works well with non-traditional electronic sources
- Good for collaboration, especially at different institutions



# zotero

[Log In](#) · [Register](#)

Upgrade Storage

Home Groups People Documentation Forums Get Involved Search support Search

Zotero [zoh-TAIR-oh] is a free, easy-to-use tool to help you **collect, organize, cite, and share** your research sources.

**Download Now**

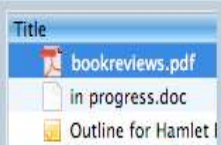
Available for Mac, Windows, and Linux

Collect Organize Cite Sync Collaborate

## Grab your research with a single click.

### A personal research assistant.

Zotero is the only research tool that automatically senses content in your web browser, allowing you to add it to your personal library with a single click. Whether you're searching for a preprint on arXiv.org, a journal article from JSTOR, a news story from the *New York Times*, or a book from your university library catalog, Zotero has you covered with support for thousands of sites.



### Store anything.

Zotero collects all your research in a single, searchable interface. You can add PDFs, images, audio and video files, snapshots of web pages, and really anything else. Zotero automatically indexes the full-text

# For more details about Zotero

- <https://www.zotero.org/>
- <https://www.zotero.org/support/installation>
- [https://www.zotero.org/support/quick\\_start\\_guide](https://www.zotero.org/support/quick_start_guide)
- [https://www.zotero.org/support/screencast\\_tutorials](https://www.zotero.org/support/screencast_tutorials)
- <http://libguides.mit.edu/references>

## Comparison

<https://www.library.wisc.edu/services/citation-managers/comparison-chart/>

[https://www.imperial.ac.uk/media/imperial-college/administration-and-support-services/library/public/Reference\\_management\\_software\\_comparison.pdf](https://www.imperial.ac.uk/media/imperial-college/administration-and-support-services/library/public/Reference_management_software_comparison.pdf)



# Sources for Staying Current

# Sources for Staying Current

- Journal TOC Service
- Database Alert services- Scopus
- Google Scholar Alerts
  
- Journals Publisher websites
  - IEEE Journals
  - ACM Journals
  - ScienceDirect
  - SpringerLink & others
  
- Many other sources

SearchBrowseFollow

JournalTOCs  
The latest Journal Tables of Contents



Sign in

Over 120,000 new articles every month!

Welcome to JournalTOCs  
Where researchers keep up-to-date

Search Subjects A-Z Publishers A-Z Customise Suggest APIs About Help News

Search [Go]
for Journals by Title or ISSN
for Articles by Keywords

JournalTOCs is the largest, free collection of scholarly journal Tables of Contents (TOCs). 28,584 journals including 10,977 selected Open Access journals and 11,213 Hybrid journals from 2735 publishers.

JournalTOCs is for researchers, students, librarians and anyone looking for the latest scholarly articles.

JournalTOCs alerts you when new issues of your Followed journals are published.

- TOP PUBLISHERS View all >
Elsevier >
Taylor & Francis >
Springer-Verlag >
John Wiley and Sons >
Sage Publications >
SciELO >
De Gruyter >
Redalyc >
Inderscience Publishers >
RMT Publishing >
Hindawi >
Reves.org >
Cambridge University Press >
De Gruyter Open >
Oxford University Press >
Emerald >

- NEW ADDED JOURNALS
- Journal of Biomedical and Clinical...
- Research in Pharmaceutical Biotech...
- Philosophical Papers and Review...
- Medical Practice and Reviews...
- Medical Case Studies...
- Journal of Yeast and Fungal Resear...
- Journal of Public Health and Epidemi...
- Journal of Public Administration a...
- Atomization and Sprays...
- Journal of Physiology and Pathology...
- Journal of Petroleum Technology an...
- Open Medicine...
- Journal of Music and Dance...
- Journal of Law and Conflict Resolu...
- Journal of Internet and Informatio...

FOLLOW JOURNALS
Follow journals by ticking the checkboxes available in Search and Browse results.

SIGN UP to ensure your Followed journals are permanently saved in your account. It is free.

Already have an account? SIGN IN

- TOP SUBJECTS View all >
Medical sciences
Business and economics



# Finding right journal to publish- some criteria

- **Subject area(s)** covered by the journal (particularly when the research is cross-discipline)
- **Types of articles published** (original research, review, case study)
- **Reputation of the journal** (editorial, impact factor, size of readership/open access, peer review, quality of accepted articles and authors, indexing level)
- **Audience** of journal
- **Time to publication**
- **Others:** Language, cost & appearance, Copyright restrictions, Fee for publications, Subscription by your library

# Sources to check

- Web of Science Sources

  - <http://ip-science.thomsonreuters.com/mjl/>

  - JCR - Journal Citation Reports from Thomson's InCites

  - Scopus Sources

  - <http://www.scopus.com/source/browse.url?zone=TopNavBar&origin=searchbasic>

  - Elsevier's SCImago Journal & country rank

  - <http://www.scimagojr.com/journalrank.php?country=IN>

  - Directory of Open Access Journals (DOAJ)

  - <http://doaj.org/>

  - Potential, possible, or probable predatory scholarly open-access publishers (avoid these publisher titles)

  - <http://scholarlyoa.com/publishers/>

  - SHERPA/RoMEO - Journals' and Publishers' Open Access Policies

  - SHERPA/JULIET - Research funders' open access policies

  - <http://www.sherpa.ac.uk/>



Plagiarism? Avoid it

# What is Plagiarism?

## Merriam- Webster Dictionary

- “to use the words or ideas of another person as if they were your own words or ideas
- to steal & pass off (ideas or words of another) as one's own
- to use (another's production) without crediting source
- to commit literary theft
- to present as new & original an idea or product derived from an existing source”

<http://www.merriam-webster.com/dictionary/plagiarize>

# How to Avoid Plagiarism?



- Effective management of time
- Developing good research skills



# Effective management of time

- Every task has timeline, due date, deadline
- Note these dates & allocate time & follow schedule accordingly
  - Collecting information
  - Reading & taking notes
  - Drawing an outline
  - Preparing rough draft
  - Final draft
  - Extra time for last minute changes

# Developing Good Research Skills...



- Follow instructions from your course instructor
- Use library & web-based resources
- Identify scholarly resources
- Search for information from these sources
- Evaluate & select right source of information
- Organize collected information sources
- Read & take proper notes of content & source
- Use right tools- databases, citation style & software
- Seek assistance from library staff

# Developing good research skills...

- Take good notes
  - Note what ideas & language extracted from source
  - Note source(s) as you are taking notes
  - Indicate in your notes which ideas are taken from sources (**S**) and
  - Indicate which are your own insights, thoughts, ideas (**ME**)
- Write in your own words & ideas
- Give credit to sources wherever consulted/used
- Give credit using in-text citations
- Include sources in your references
- Follow style guides- APA, MLA, IEEE
- Avoid using someone else's work with minor 'cosmetic' changes
- Be careful copying & pasting from online/electronic sources

# Developing good research skills

## Use Major Strategies

- Quoting
- Paraphrasing
- Summarizing
- Using content in Common knowledge/domain

# Plagiarism Detection Software

## Commercial

- ❑ Ithenticate <http://www.ithenticate.com/>
- ❑ Plagium <http://www.plagium.com/>
- ❑ Turnitin <http://www.turnitin.com/>
- ❑ URKUND <http://www.arkund.com/en/>

## Free tools

- ❑ DupliChecker
- ❑ PaperRater
- ❑ Plagiarism Check
- ❑ Plagiarism Detector
- ❑ Viper

# Plagiarism

**Title:** What Every Student Should Know About Avoiding Plagiarism

**Author:** Linda Stern

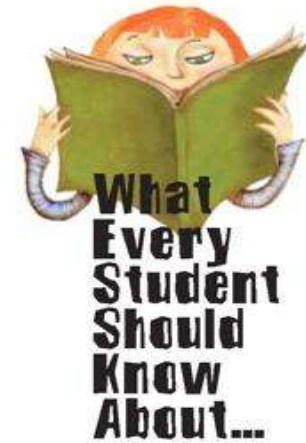
**Publisher:** New York  
Pearson Education

**Pub. Year:** 2007

**ISBN:** 9780205675531

**Call No.:** 808 STE

**Acc. No.:** 011581



## Avoiding Plagiarism







# Some interesting books

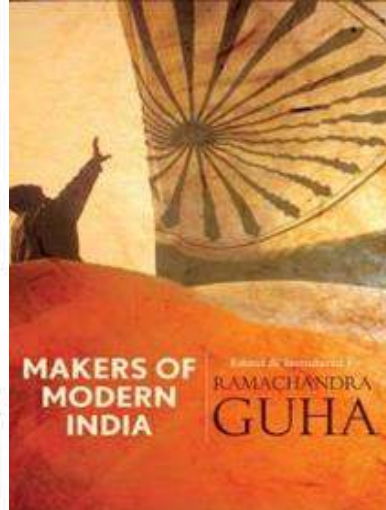
How Successful People Become  
Even More Successful!

# What Got You Here Won't Get You There

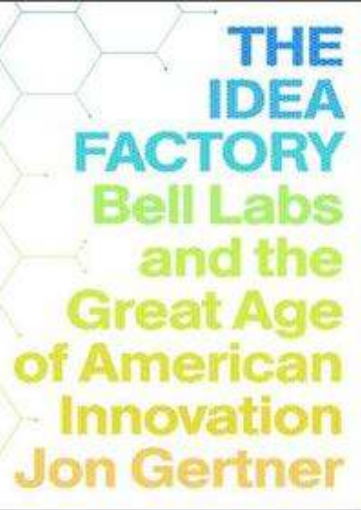


**MARSHALL  
GOLDSMITH**  
WITH MARK REITER  
Read by Marshall Goldsmith

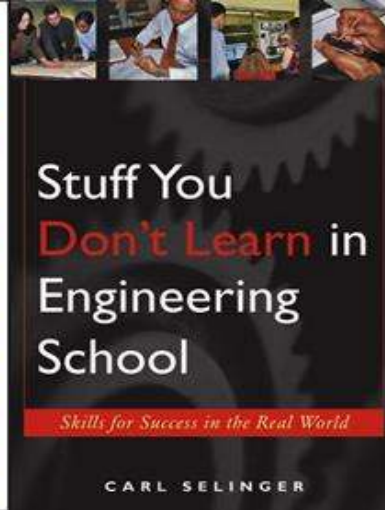
"...Nerdlike's proven impression program. BOOKS"  
—Alan Mulally, CEO, Ford Motor Company



**MAKERS OF  
MODERN  
INDIA**  
Edited & Translated by  
**R. RAMACHANDRA  
GUHA**



**THE  
IDEA  
FACTORY**  
Bell Labs  
and the  
Great Age  
of American  
Innovation  
**Jon Gertner**



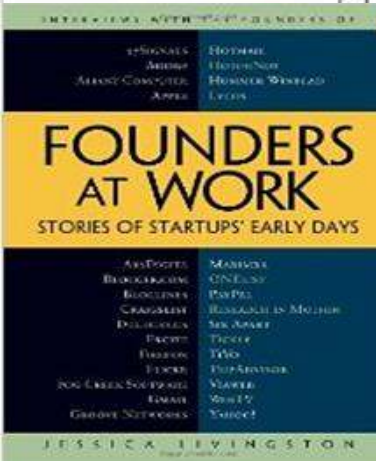
Stuff You  
**Don't Learn** in  
Engineering  
School

*Skills for Success in the Real World*

**CARL SELINGER**



**Olympics**



INTERVIEWS WITH THE FOUNDERS OF

30 COMPANIES  
Airbnb  
Amazon  
Facebook  
Google  
LinkedIn  
Microsoft  
Pinterest  
Slack  
Twitter  
Uber  
Zoom

FOUNDERS  
of  
Airbnb  
Amazon  
Facebook  
Google  
LinkedIn  
Microsoft  
Pinterest  
Slack  
Twitter  
Uber  
Zoom

**FOUNDERS  
AT WORK**  
STORIES OF STARTUPS' EARLY DAYS

ASKED  
BENJAMIN  
BLUMENFELD  
CHRISTOPHER  
DODD  
FRANK  
LEONARD  
LUBCHANSKY  
MARC  
ANDREZ  
PETER  
THOMAS  
TOMER  
YONAH  
ZUCKERBERG

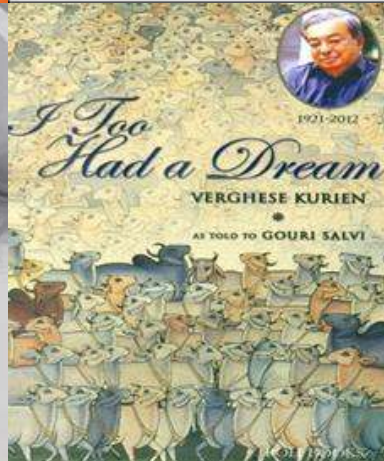
ANSWERS  
BY  
BENJAMIN  
BLUMENFELD  
CHRISTOPHER  
DODD  
FRANK  
LEONARD  
LUBCHANSKY  
MARC  
ANDREZ  
PETER  
THOMAS  
TOMER  
YONAH  
ZUCKERBERG

**JESSICA LIVINGSTON**

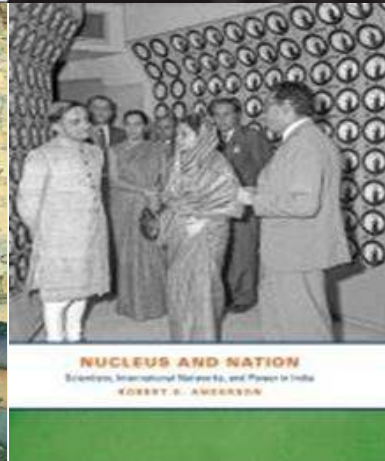


engineering: an endless frontier

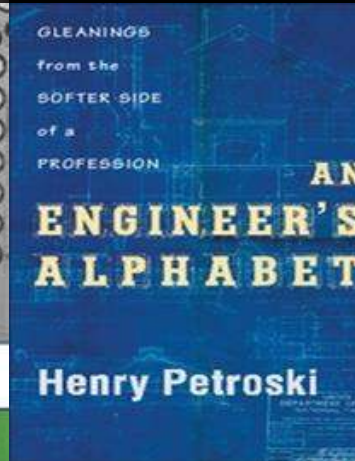
HARRY S. ANAND



*I Too  
Had a Dream*  
1971-2012  
**VERGHESE KURIEN**  
AS TOLD TO **GOURI SALVI**



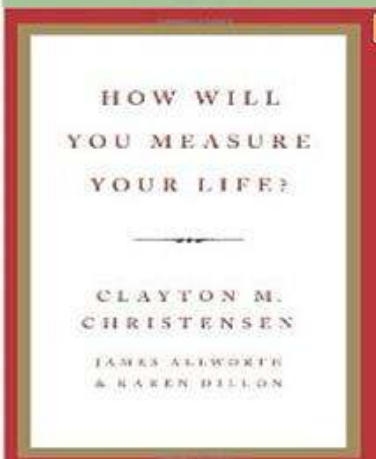
**NUCLEUS AND NATION**  
Scientists, International Relations, and Politics in India  
**KOBERT S. ANDERSON**



GLEANINGS  
from the  
SOFTER SIDE  
of a  
PROFESSION

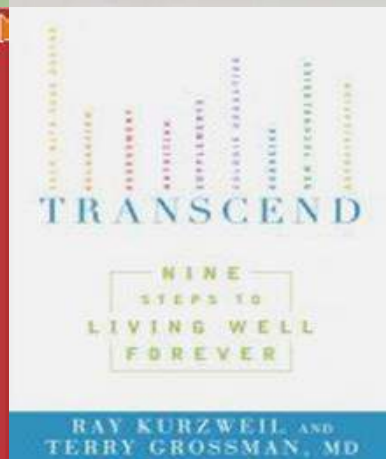
**AN  
ENGINEER'S  
ALPHABET**

**Henry Petroski**



HOW WILL  
YOU MEASURE  
YOUR LIFE?

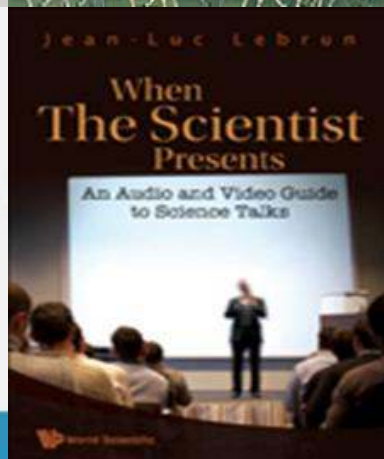
**CLAYTON M.  
CHRISTENSEN**  
JAMES ALLWORTH  
& NAREN DILLON



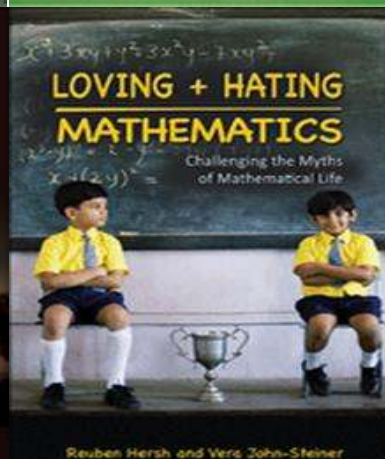
THE NINE STEPS TO  
LIVING WELL  
FOREVER

**NINE  
STEPS TO  
LIVING WELL  
FOREVER**

**RAY KURZWEIL AND  
TERRY GROSSMAN, MD**



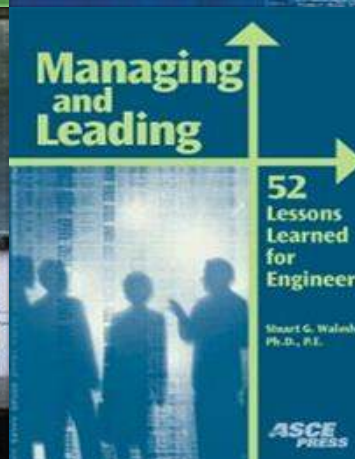
Jean-Luc Lebrun  
**When  
The Scientist  
Presents**  
An Audio and Video Guide  
to Science Talks



**LOVING + HATING  
MATHEMATICS**

Challenging the Myths  
of Mathematical Life

Reuben Hersh and Vera John-Steiner



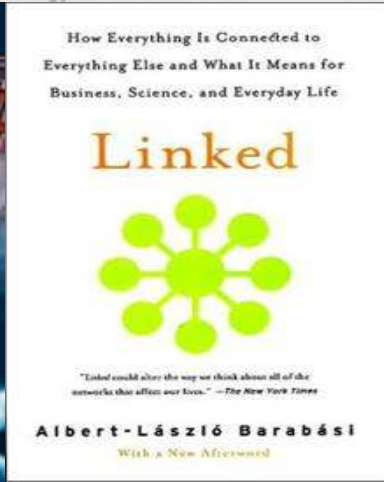
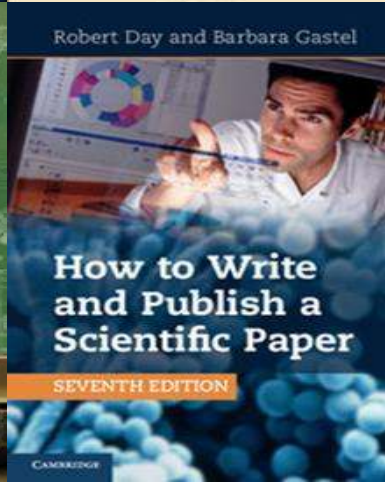
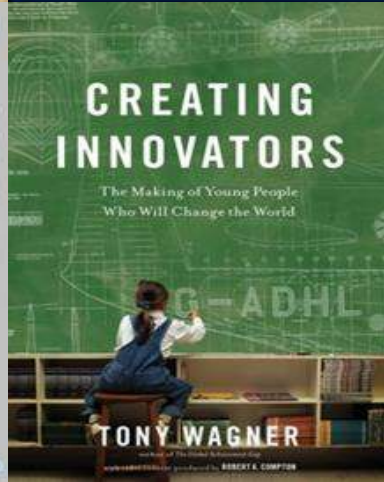
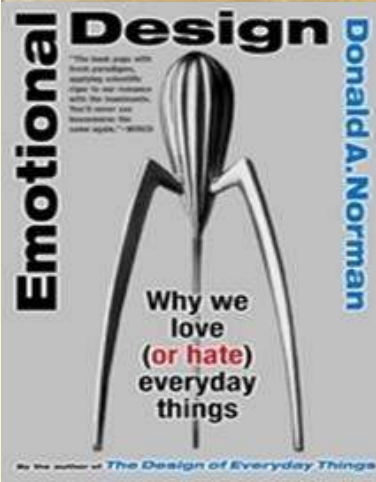
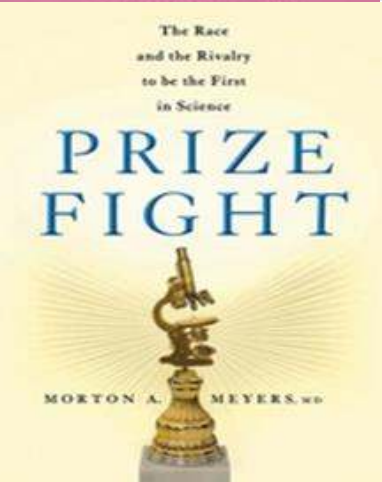
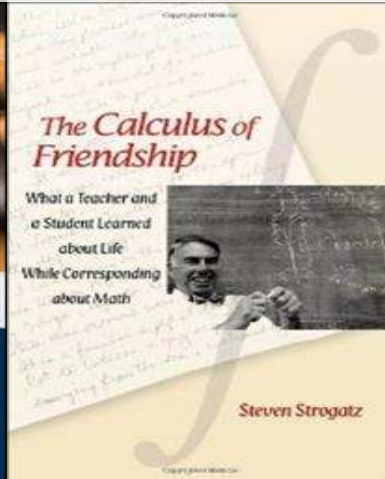
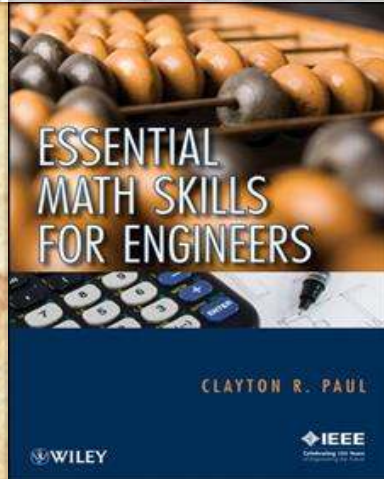
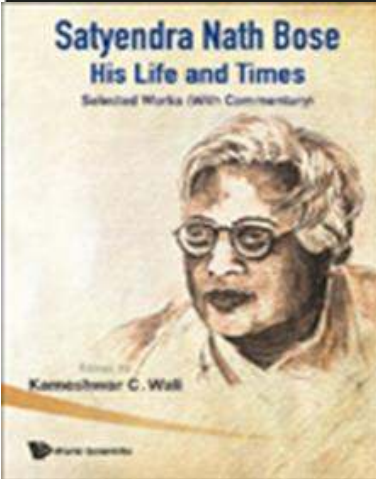
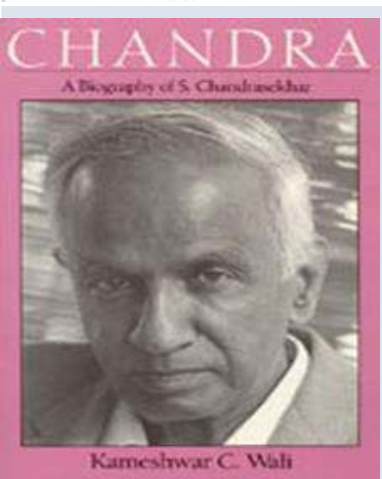
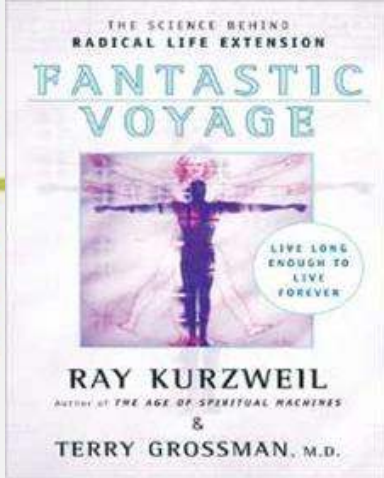
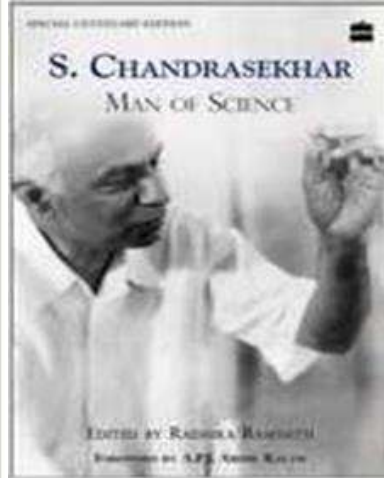
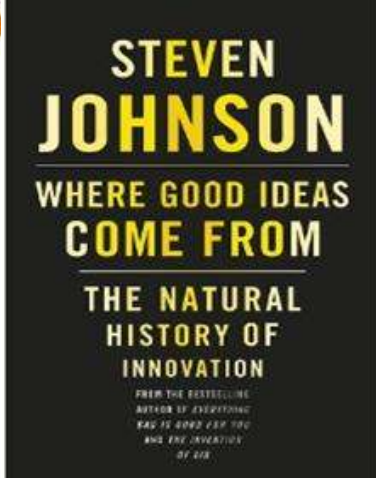
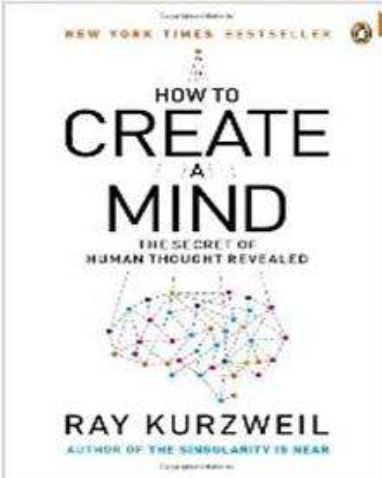
**Managing  
and  
Leading**

**52  
Lessons  
Learned  
for  
Engineers**

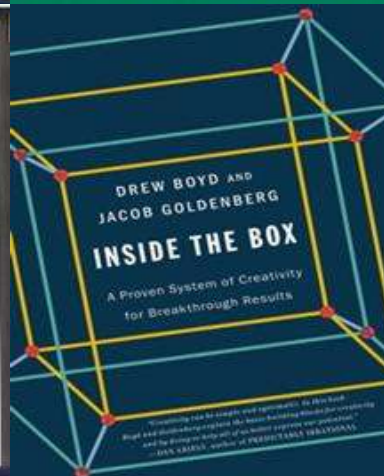
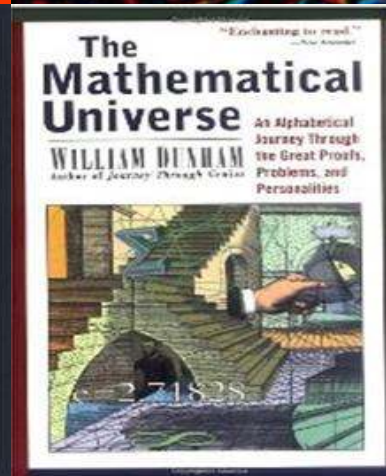
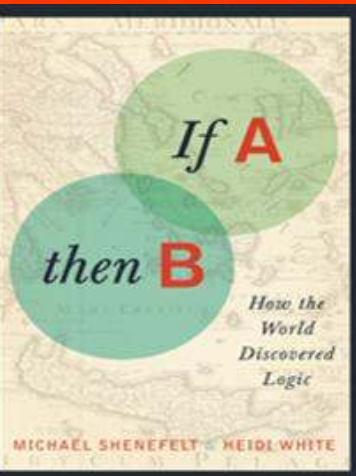
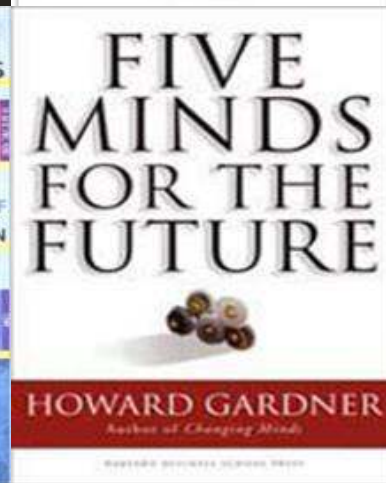
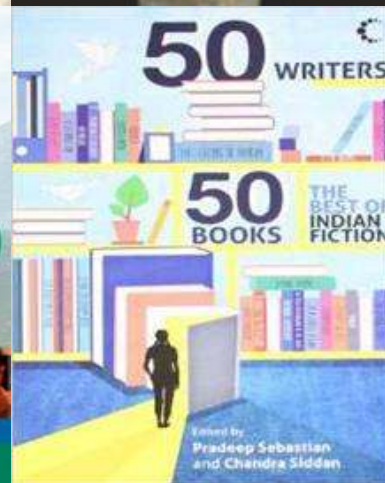
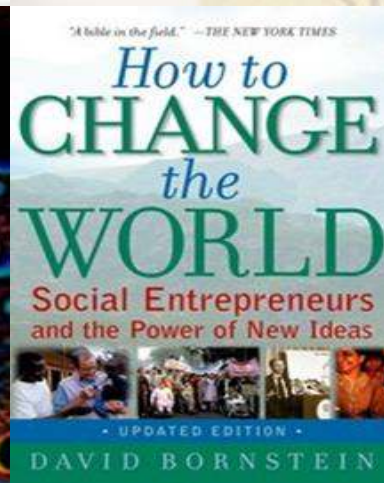
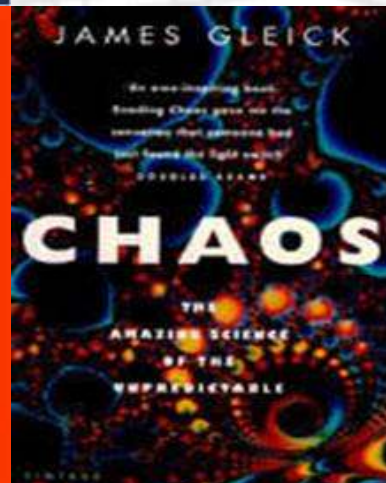
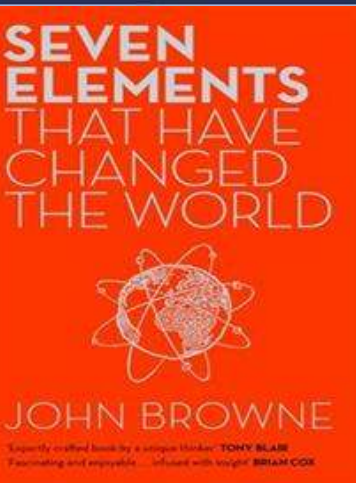
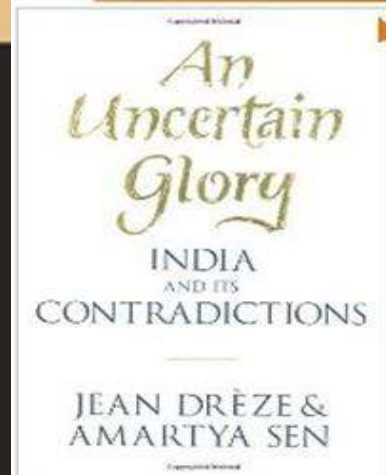
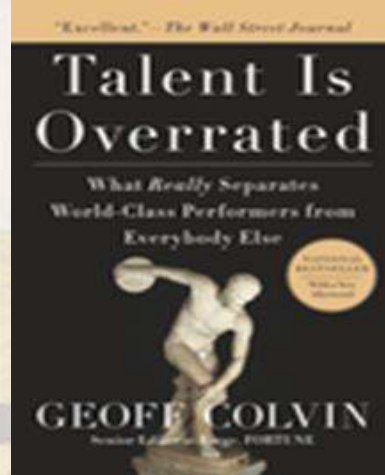
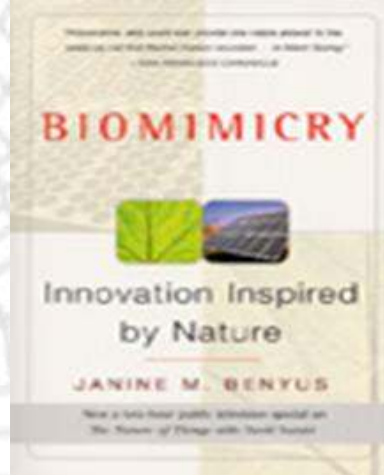
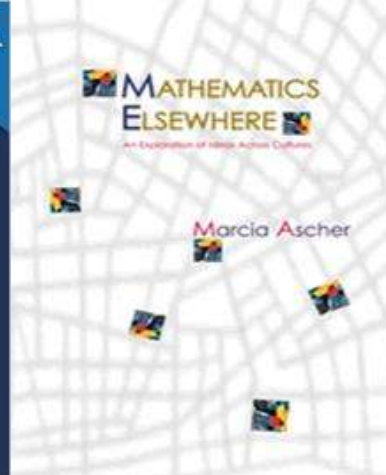
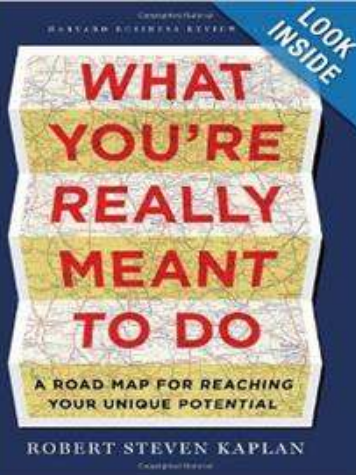
Shant G. Walsh,  
Ph.D., P.E.

**ASCE  
PRESS**





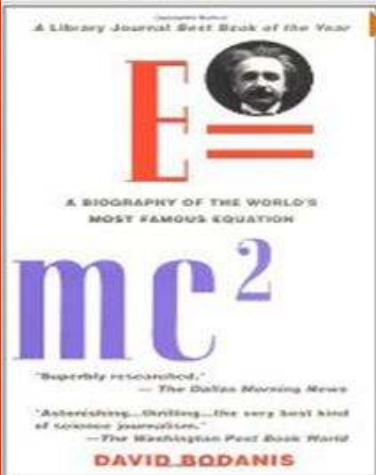






DOES  
SCIENCE  
NEED A  
GLOBAL  
LANGUAGE?

Scott L. Montgomery

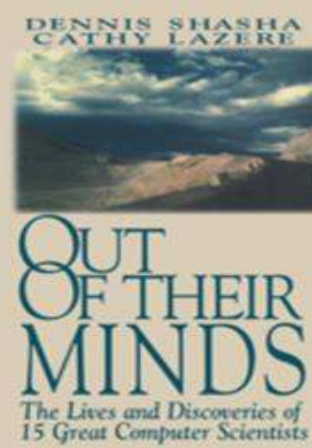


THE  
Craft  
OF  
Research

WAYNE C. BOOTH

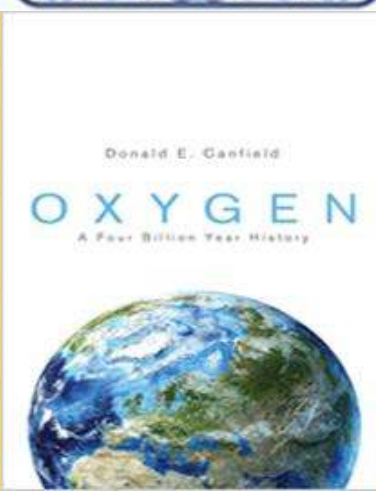
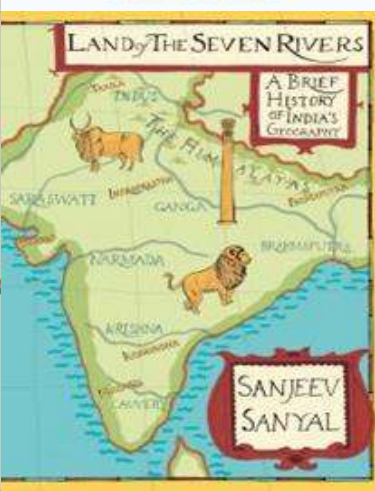
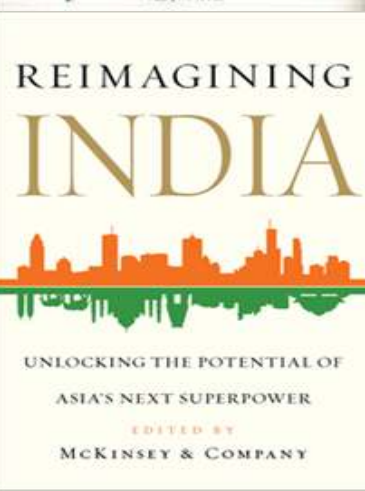
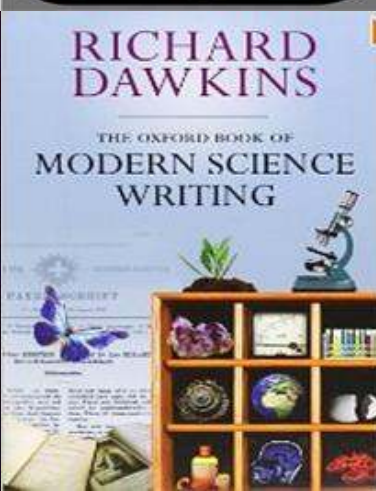
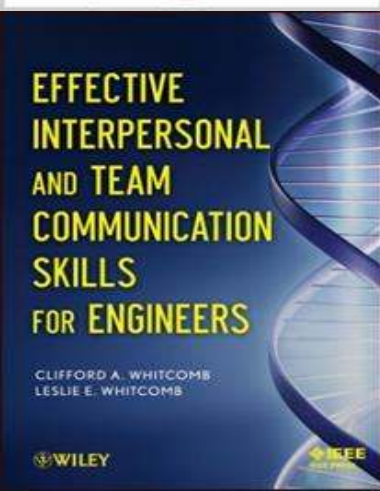
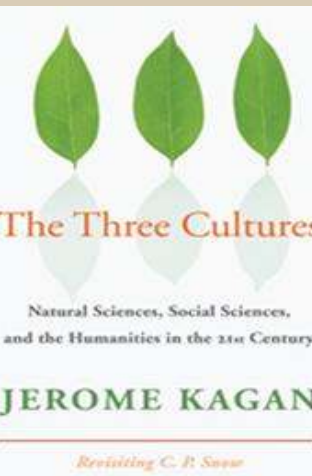
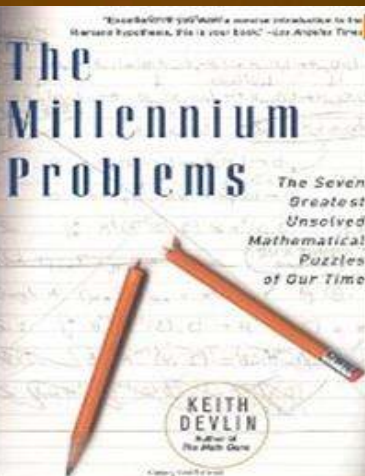
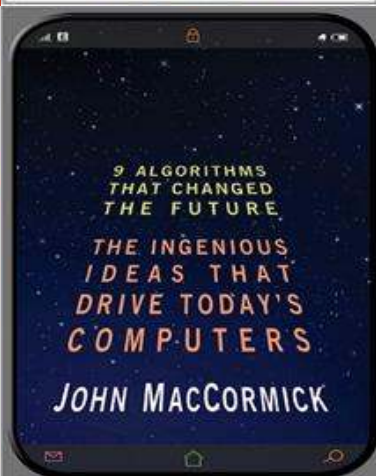
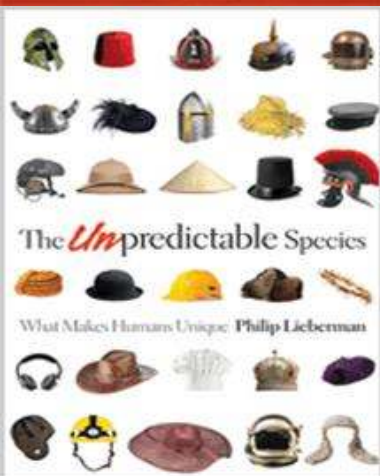
GREGORY G. COLOMB

JOSEPH M. WILLIAMS



Einstein's Enigma

or  
Black Holes in My Bubble Bath





PAUL DOLAN

# Happiness by Design

Finding pleasure and purpose in everyday life

"Bold and Original!"  
Daniel Kahneman



# IGNORANCE

HOW IT DRIVES SCIENCE

STUART FIRESTEIN

IMITATION OF LIFE

HOW BIOLOGY IS INSPIRING COMPUTING



NANCY FORBES

STEVEN WEINBERG  
Winner of the 1979 Nobel Prize for Physics

# The First Three Minutes

A Modern View of the Origin of the Universe

with a major new afterword by the author

MAX TEGMARK  
OUR MATHEMATICAL UNIVERSE

MY QUEST FOR THE ULTIMATE NATURE OF REALITY

# AN ENGINEER'S VIEW OF HUMAN ERROR

Third Edition  
Trevor Stiles



N R Narayana Murthy

# A BETTER INDIA A BETTER WORLD



# PETER F. DRUCKER

"His writings are landmarks of the managerial profession."  
—Harvard Business Review

# THE Effective Executive

The Definitive Guide to Getting the Right Things Done

Peter F. Drucker

# Life's Ratchet

HOW MOLECULAR MACHINES

EXTRACT ORDER

from CHAOS

Peter M. Hoffmann

"...wonderful... the best book written about any educational institution in India."  
—N. R. Narayana Murthy

# AN Eye FOR Excellence



E.C. SUBBARAO

OXFORD

# THE HARVEST of a CENTURY

DISCOVERIES OF MODERN PHYSICS IN 100 EPISODES



SIEGMUND BRANDT

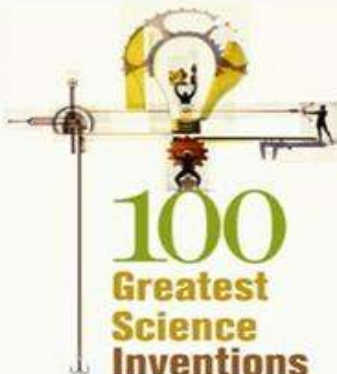
# SCIENCE SIFTING

TOOLS FOR INNOVATION IN SCIENCE AND TECHNOLOGY



ROONEY R DETERT  
JANICE DETERT

World Scientific



100 Greatest Science Inventions of All Time

Random House

# THE SPARK OF LIFE

Electricity in the Human Body

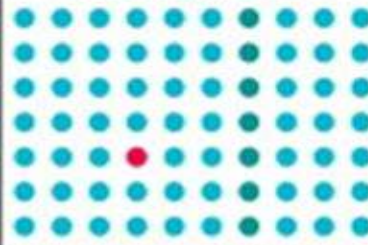
Frances Ashcroft

"Wonderful... fascinating."  
—BILL BRYSON

# 100 THINGS

EVERY DESIGNER NEEDS TO KNOW ABOUT PEOPLE

SUSAN W. WEINSCHEK, Ph.D.





20 extraordinary success stories of entrepreneurs from IIT Kharagpur

# THE GAME CHANGERS



YUVNESH MODI, RAHUL KUMAR, ALOK KOTHARI

"Superb" Carl Sagan

# The Ascent of Man

Foreword by Richard Dawkins

Jacob Bronowski

# The Idea of Justice

*"A major advance in contemporary thinking"*  
John Gray, *London Review of Books*

*"The most important contribution to the subject since John Rawls's A Theory of Justice"*  
Hilary Putnam, *Harvard University*

AMARTYA SEN

*"Sen is one of the great thinkers of our era"*  
David Ausubel, *The Times*

ATUL KARWAL  
ANITA KARWAL

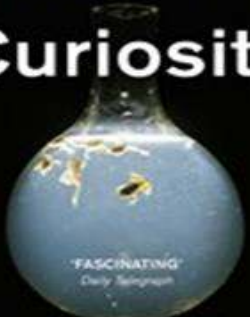
# Think Everest

Scaling Mountains with the Mind

Foreword by KARAN BEDI

PHILIP BALL

# Curiosity



"FASCINATING"  
Daily Telegraph


How Science Became Interested in Everything

OXFORD

# homi bhabha and the computer revolution

edited by R.K. Shyam Sunder  
M.A. Pal

with a Foreword by Ratan Tata



# PICASSO AND TRUTH

FROM CUBISM TO GUERNICA

T. J. CLARK

88 Steps to Innovation

# LONGITUDE

The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time

DAVA SOBEL

88 Steps to Innovation

An extraordinary guide to a speedy and successful journey from mind to marketplace.

V.A. Mashelkar

# Steps to INNOVATION

Going from Jugard to Excellence

Vinay Dabholkar & Rishiksha T. Krishnan

S. Chandrasekhar

# TRUTH AND BEAUTY

*Aesthetics and Motivations in Science*

TOM KELLEY  
WITH LINDA HANLITZMAN



# THE TEN FACES OF INNOVATION

50 WAYS FOR REDEFINING CREATIVITY

ROBERTO VERGANTI



# DESIGN-DRIVEN INNOVATION

Changing the Rules of Competition by *Reinventing* What Things Mean



"Engrossing." —Marc Kaufman, *The Washington Post Book World*

is

# GOD

a

# MATHEMATICIAN?

MARIO LIVIO

Author of THE GOLDEN RATIO


# DEVELOPING EFFECTIVE RESEARCH PROPOSALS

Keith F Punch

SECOND EDITION

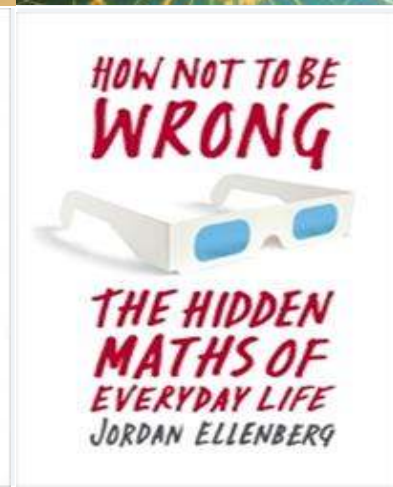
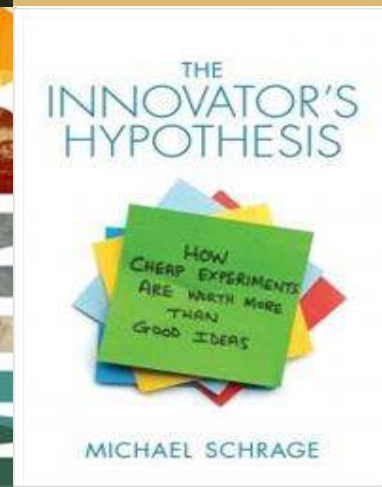
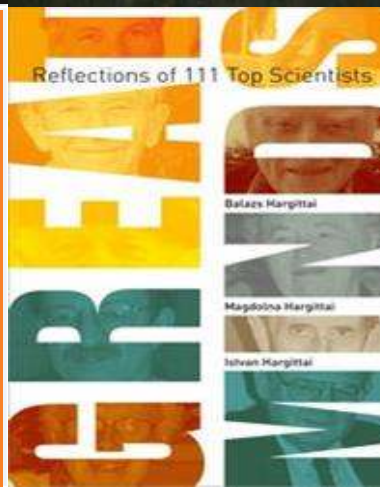
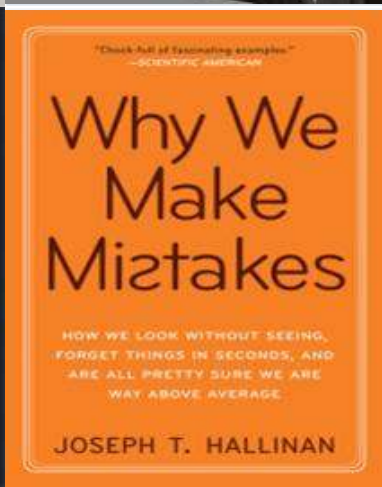
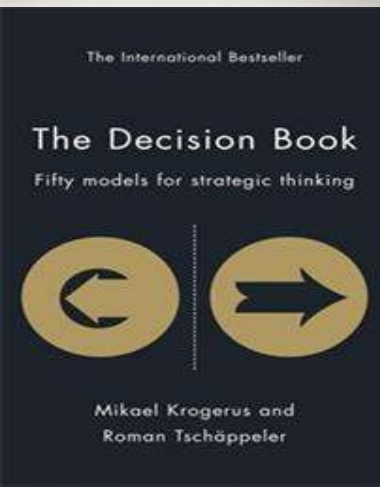
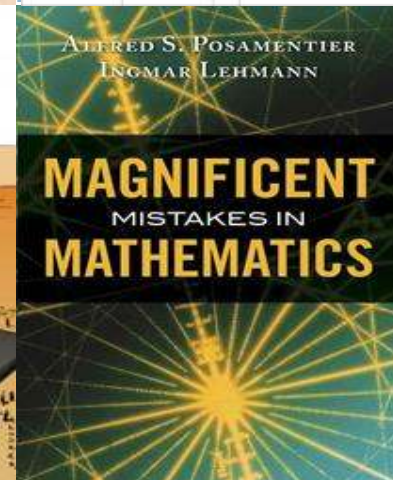
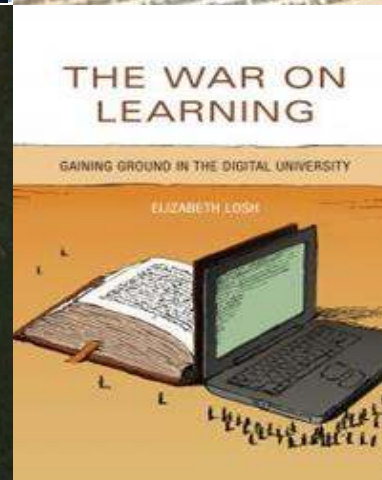
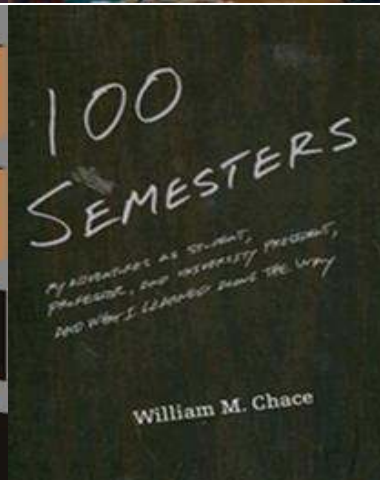
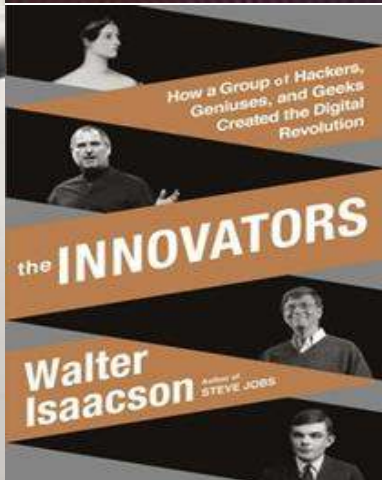
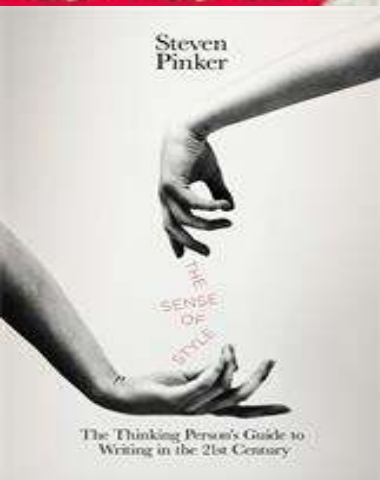
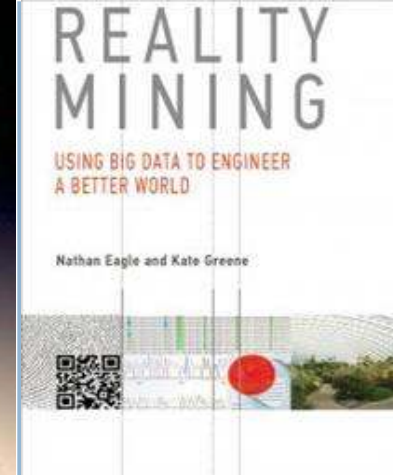
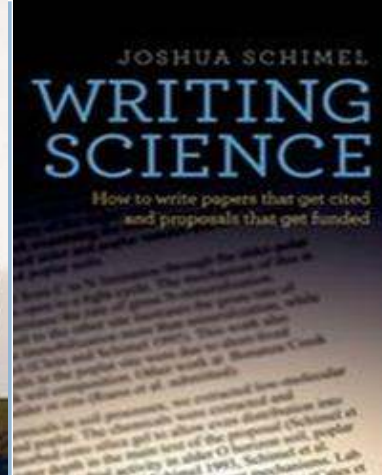
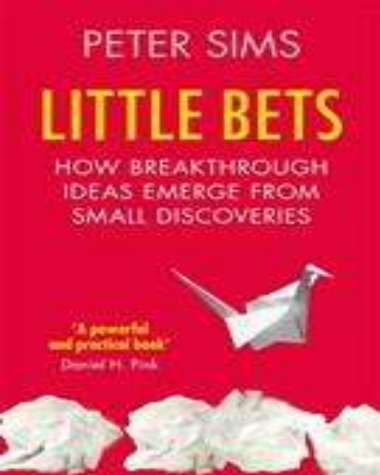
PAUL J. NAHIN

# THE LOGICIAN AND THE ENGINEER

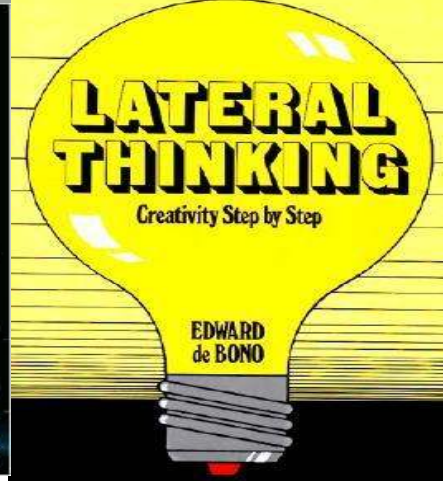
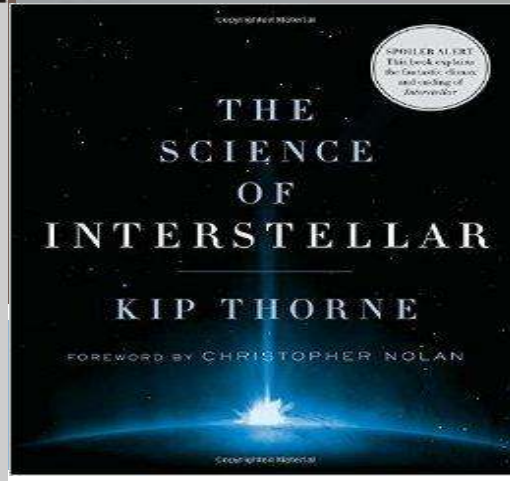
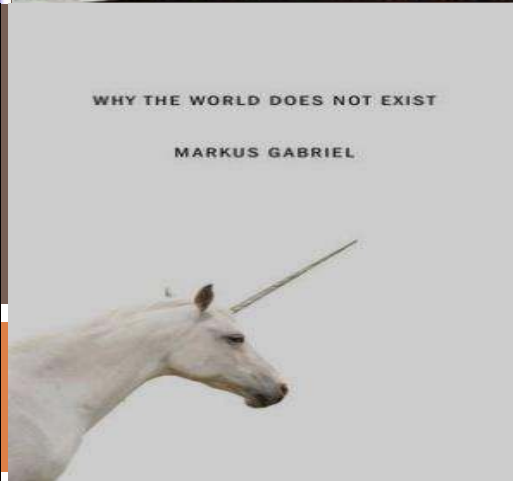
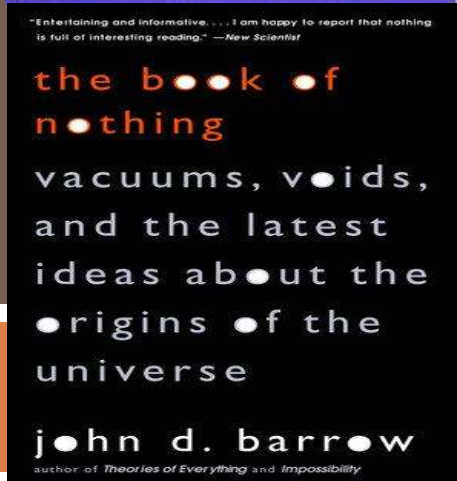
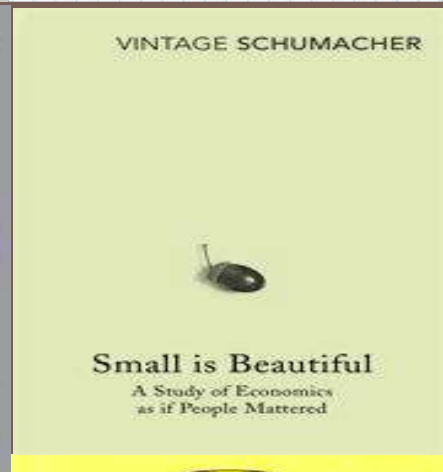
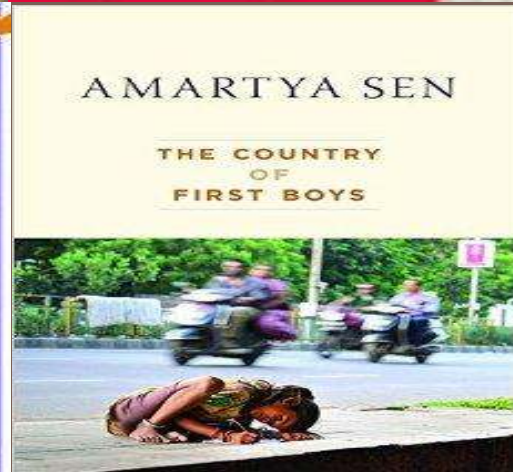
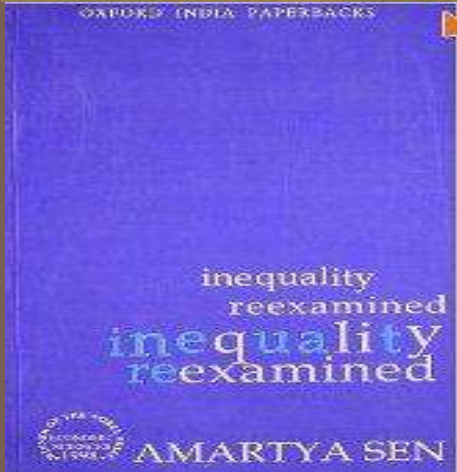
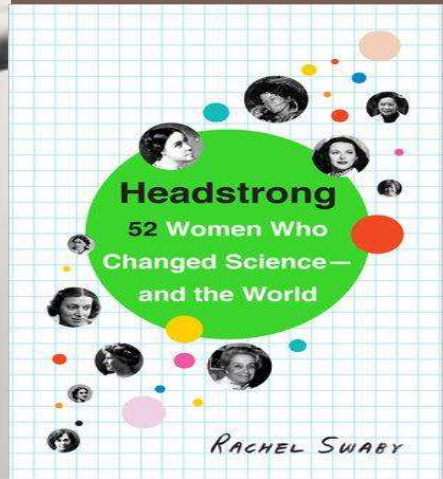
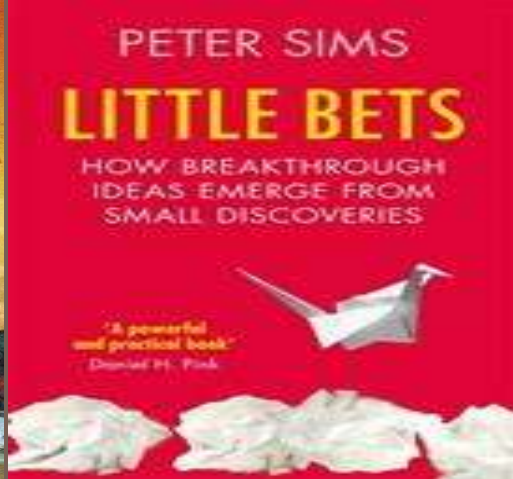
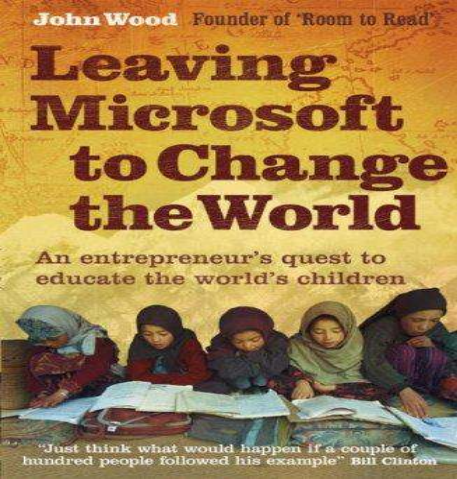


How George Boole and Claude Shannon Created the Information Age

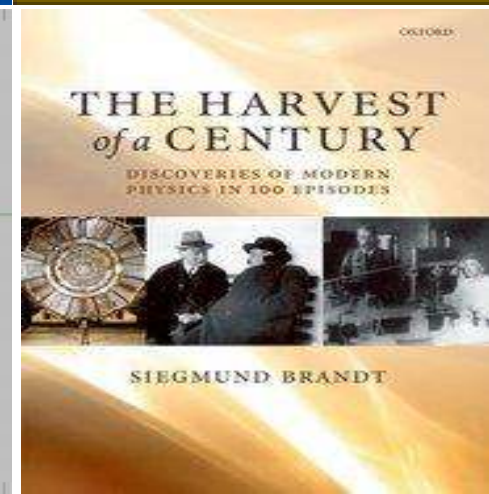
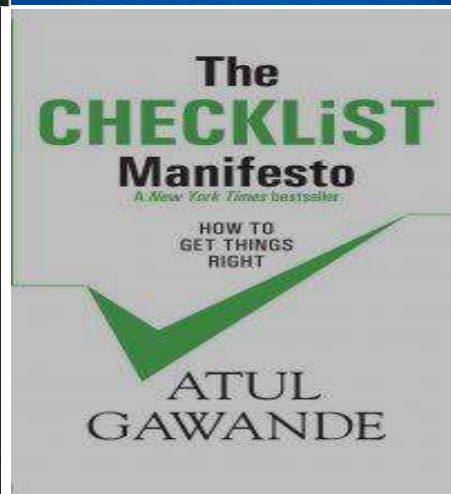
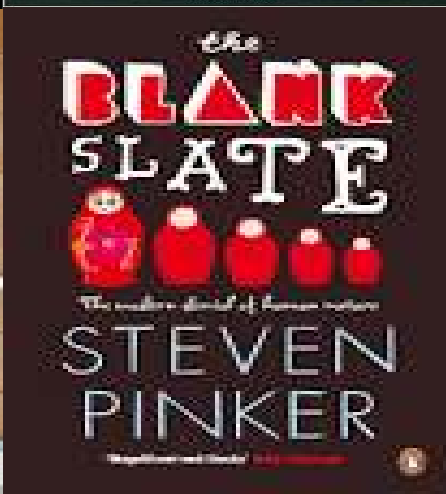
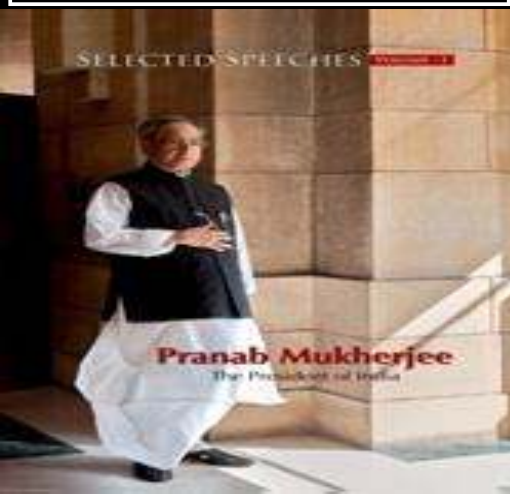
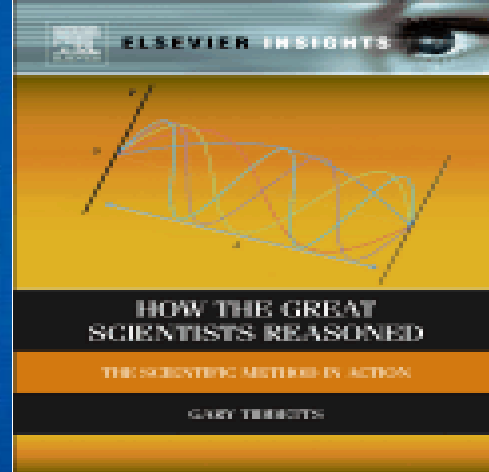
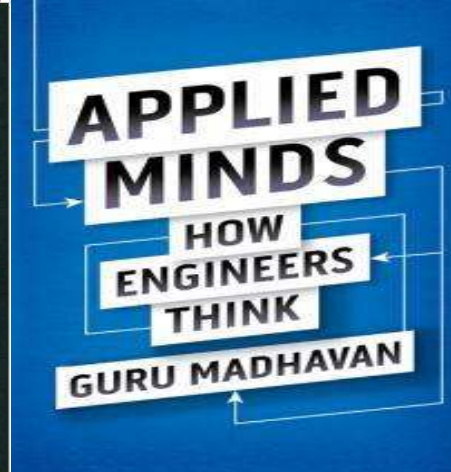
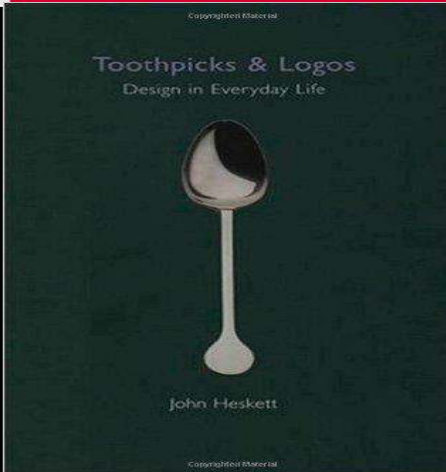
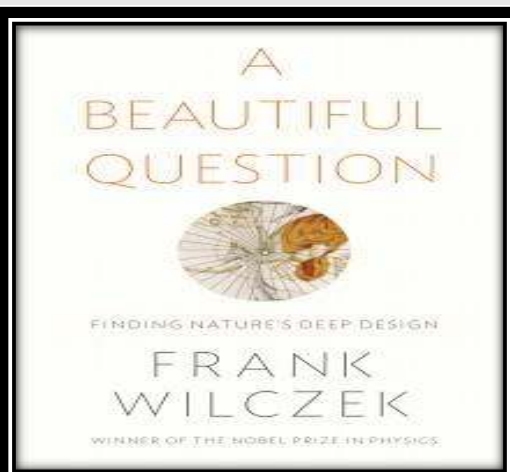
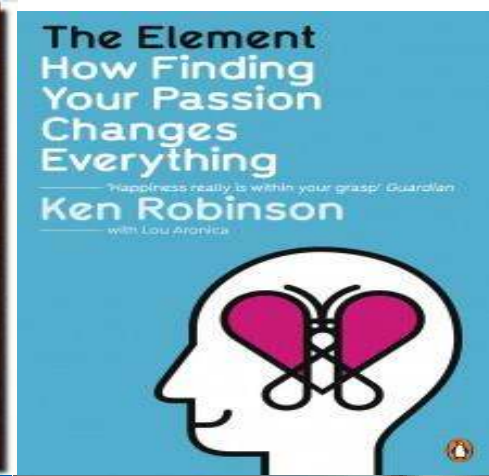
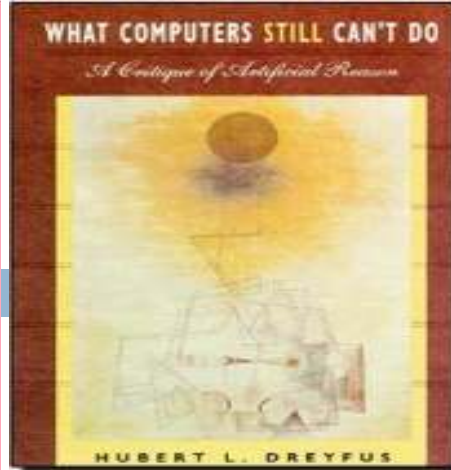
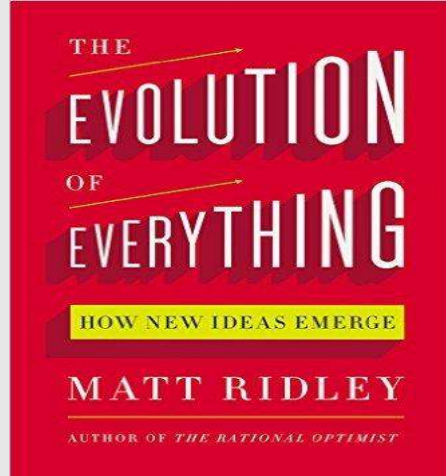
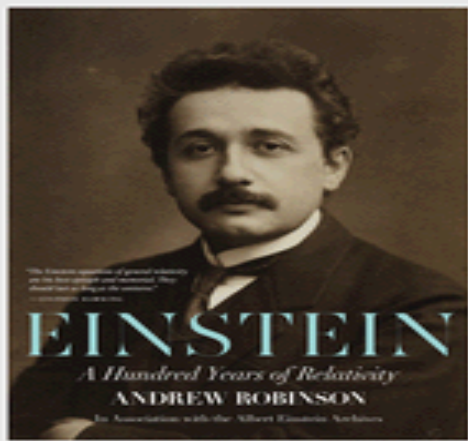














# Books on Education- Teaching, Learning & Research



# The Resource Handbook for Academic Deans

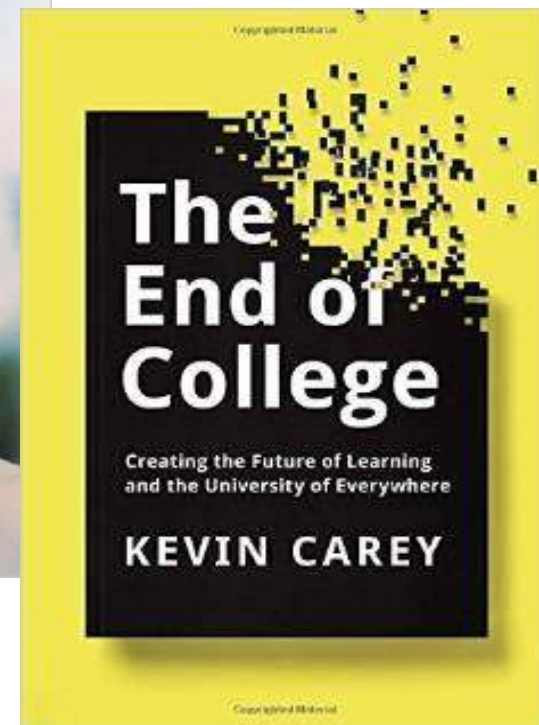
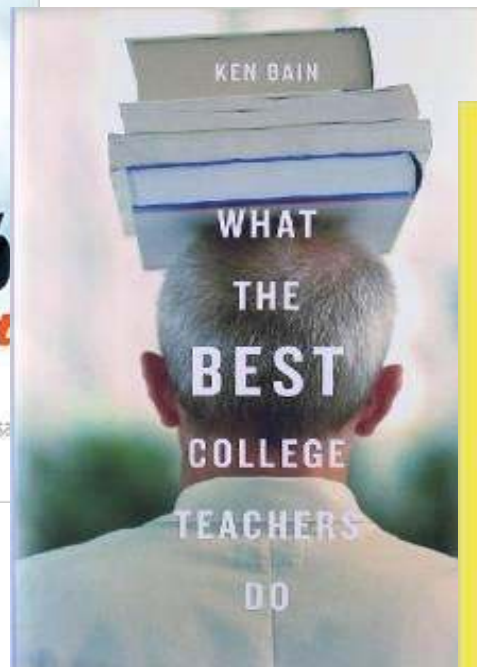
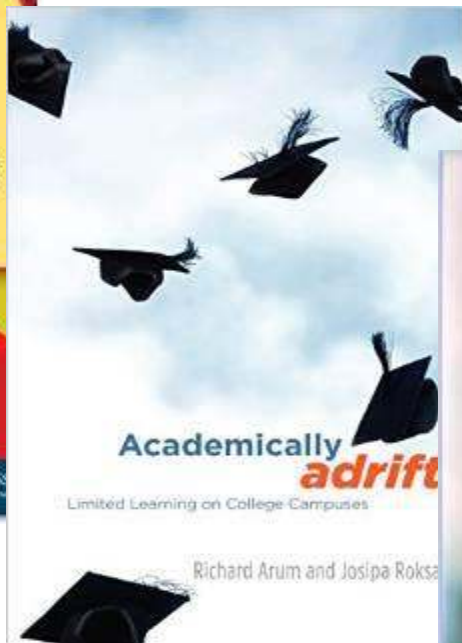
THIRD EDITION

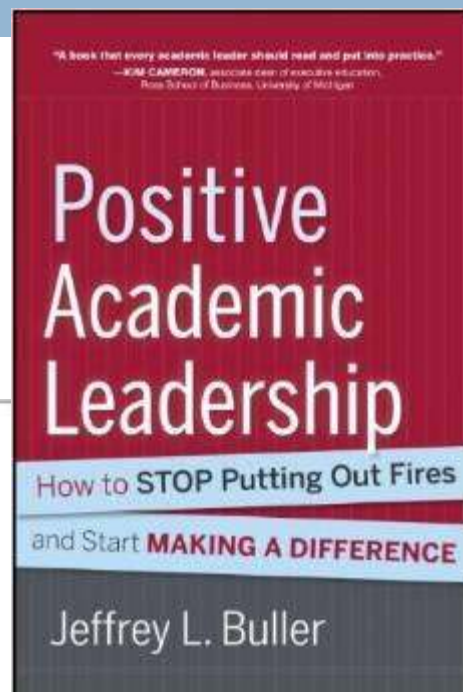
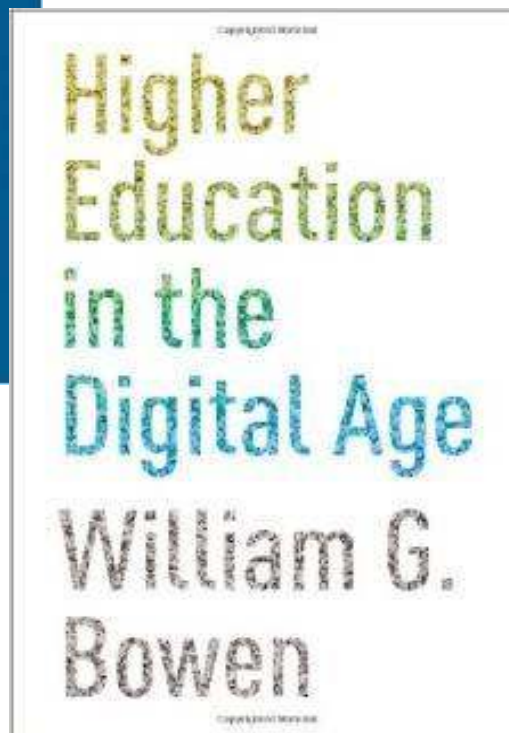
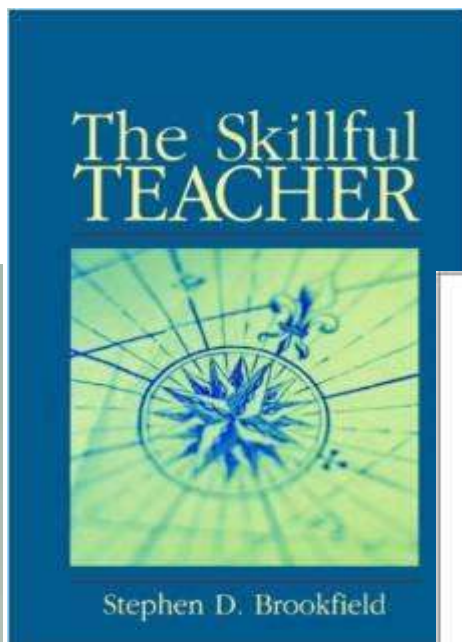
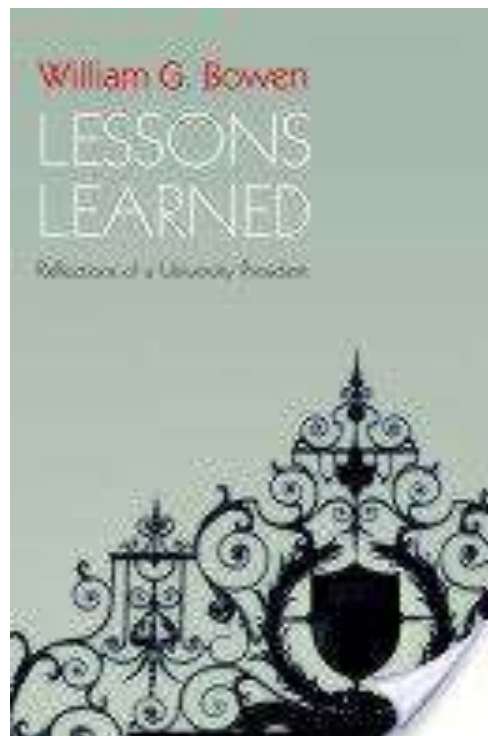
American Conference of Academic Deans  
LAURA L. BEHLING | EDITOR

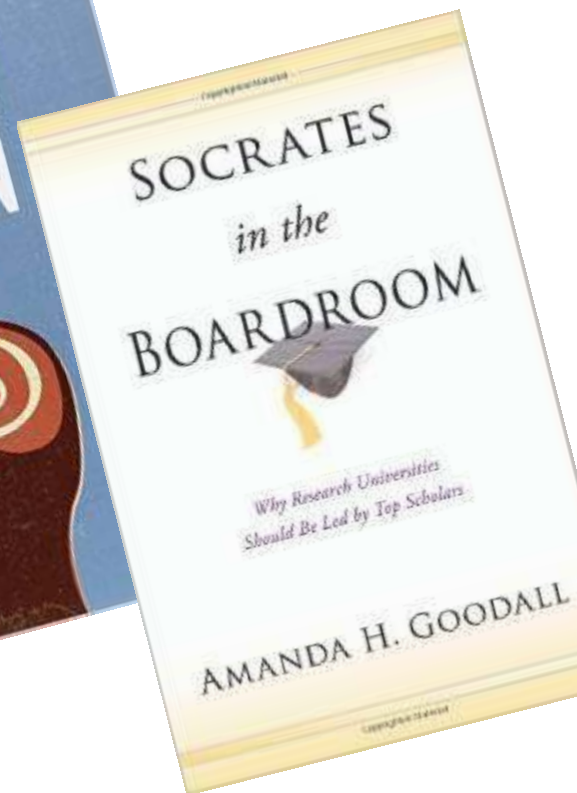
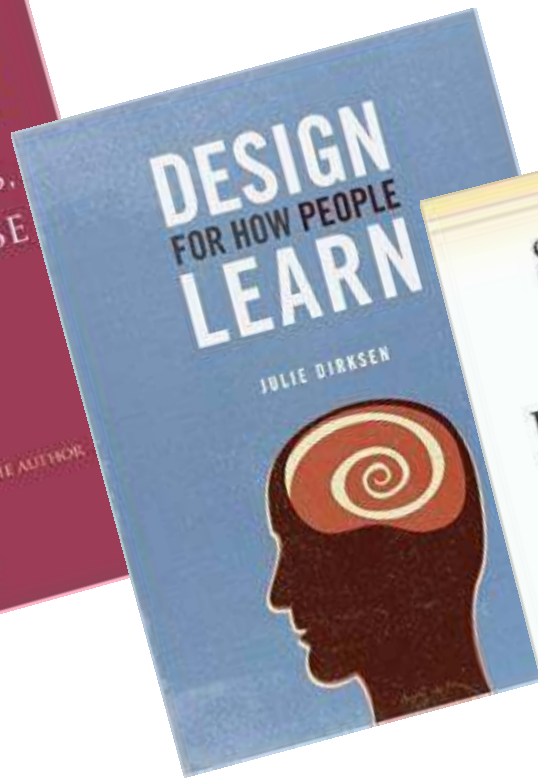
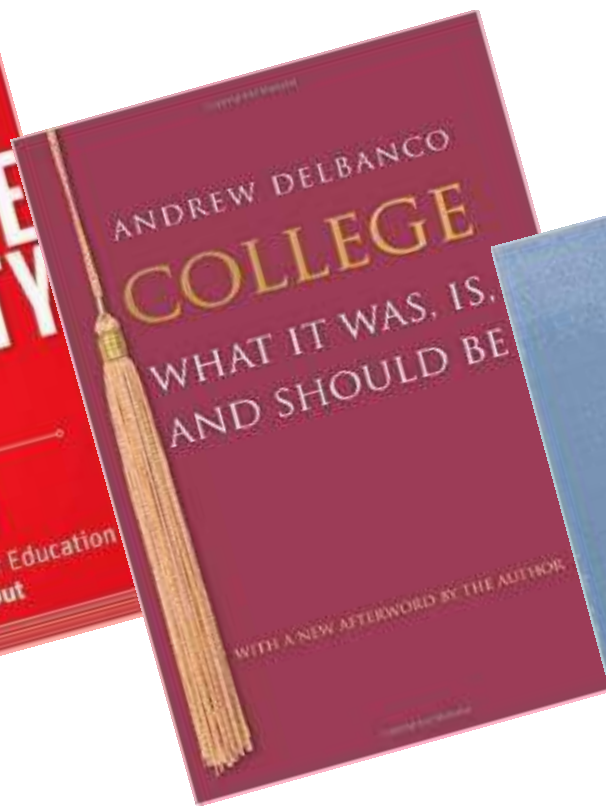
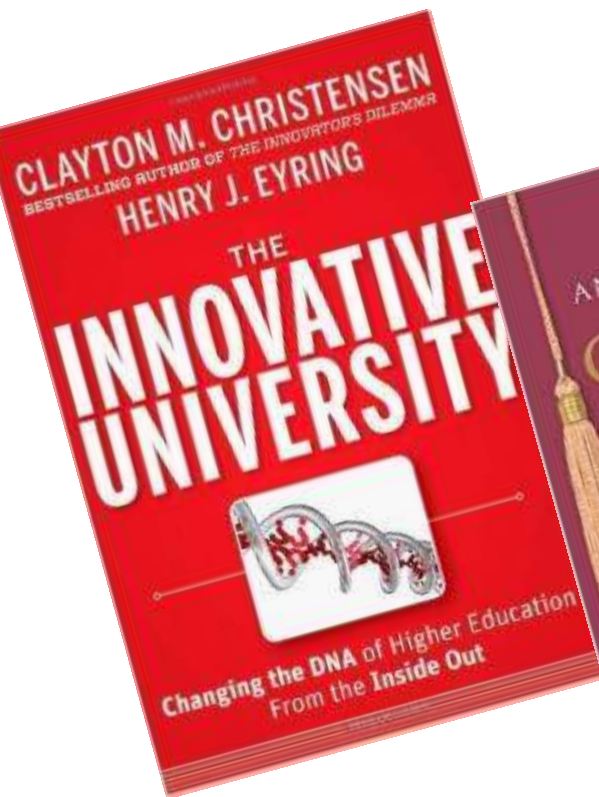
ACAD

SPONSORED BY THE AMERICAN CONFERENCE OF ACADEMIC DEANS

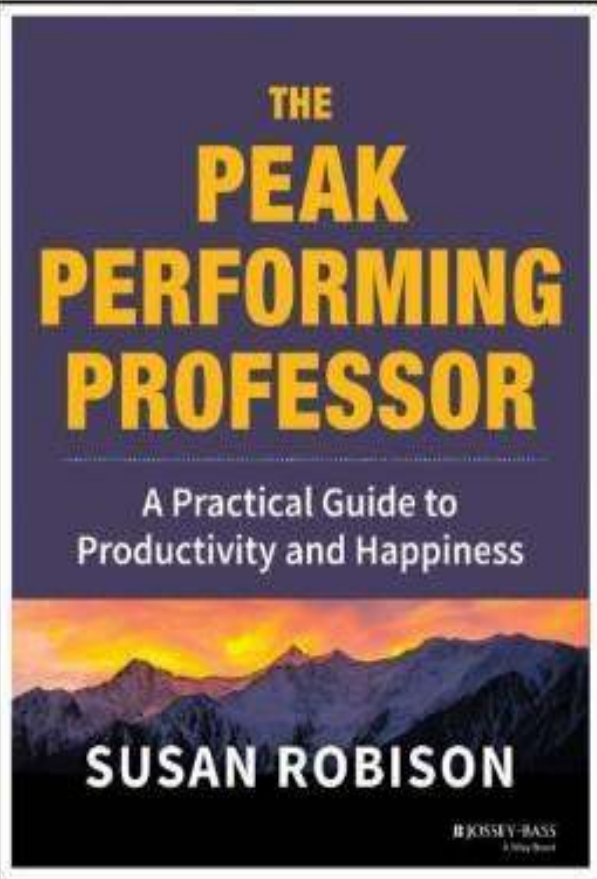
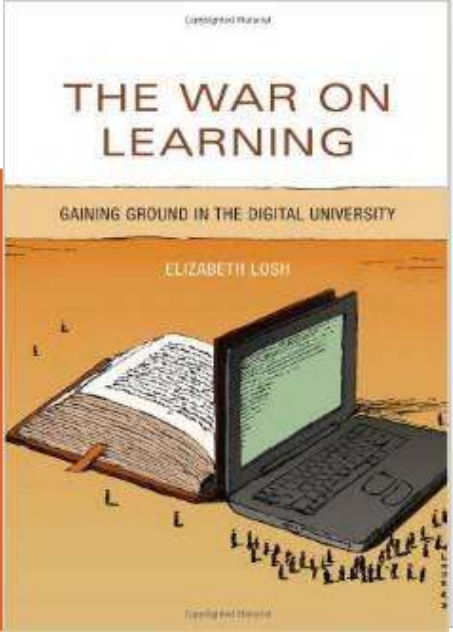
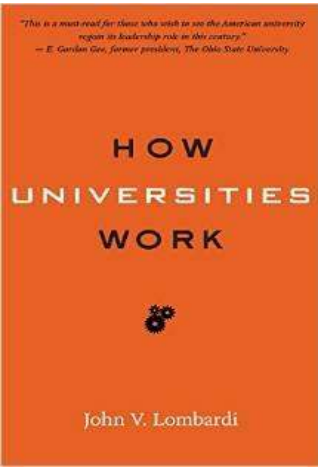
JOSSEY-BASS

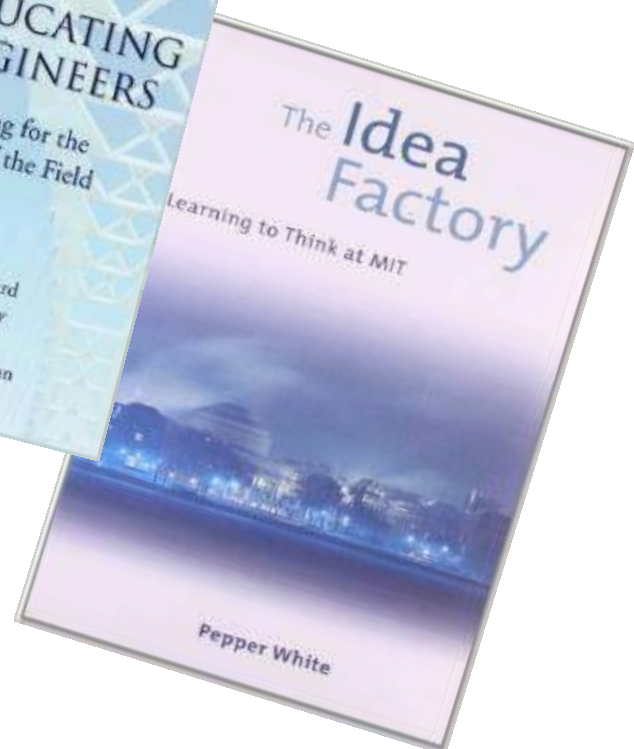














# Education (Science, Engineering & Technology) Journals

- **Advances in Engineering Education**
- **Bioscience Education**
- **Chemical Engineering Education**
- **Chemistry Education Research and Practice**
- **Current Issues in Education**
- **Education for Chemical Engineers**
- **Education in Chemistry**
- **Educational Studies in Mathematics**
- **Higher Education**
- **IEEE Transactions on Education**
- **Innovative Higher Education**
- **International Journal of Environmental and Science Education**
- **International Journal of Management Education**
- **International Journal of Science and Mathematics Education**
- **International Journal of Technology and Design Education**
- **Journal of Chemical Education**
- **Journal of Computing in Higher Education**
- **Journal of Mathematics Teacher Education**
- **Journal of Professional Issues in Engineering Education and Practice**
- **Journal of Science Education and Technology**
- **Journal of Technology Education**
- **Mathematics Education Research Journal**
- **Research in Higher Education**
- **Research in Science Education**
- **Science and Education**

# Some papers to read

- Gibney, E. (2014). How to tame the flood of literature. *Nature*, 513(7516), 129–130. <http://doi.org/10.1038/513129a>  
<http://www.nature.com/news/how-to-tame-the-flood-of-literature-1.15806>
- Reed, L. E. (1998). Performing a literature review (Vol. 1, pp. 380–383). *IEEE*. <http://doi.org/10.1109/FIE.1998.736875>  
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=736875&queryText%3DPERFORMING+A+LITERATURE+REVIEW>
- Van Noorden, R., Maher, B., & Nuzzo, R. (2014). The top 100 papers. *Nature*, 514(7524), 550–553. <http://doi.org/10.1038/514550a>  
<http://www.nature.com/news/the-top-100-papers-1.16224>
- Whitesides, G. M. (2004). Whitesides' Group: Writing a Paper. *Advanced Materials*, 16(15), 1375–1377. <http://doi.org/10.1002/adma.200400767>  
[http://www.ee.ucr.edu/~rlake/Whitesides\\_writing\\_res\\_paper.pdf](http://www.ee.ucr.edu/~rlake/Whitesides_writing_res_paper.pdf)



**QUESTIONS AND CLARIFICATIONS?**



**THANK YOU!**

&

We Look Forward to  
Assisting You