



 IITGN **LIBRARY** extends a **Warm Welcome** to you all

“

*A library is a place where history comes
alive, where the past speaks to the
present, and where the future is shaped*

Rabindranath Tagore



Know Your Library: Resources, Services, and Beyond!



ABOUT THE LIBRARY

- **Centre place** for academic and scholarly information resources and services
- **Innovative partner** in teaching, learning and research activities
- Responsible for acquisition, processing, organizing & providing access to **high-quality scholarly information** resources
- **Contributes** to the achievement of the Institute's mission

VISION, MISSION & OBJECTIVES

Vision

- To be a premier Learning Resource Centre in STEM, H & SS and allied areas

Mission

- To provide access to high-quality information resources in all forms to IITGn community & achieve excellence in service

Objectives

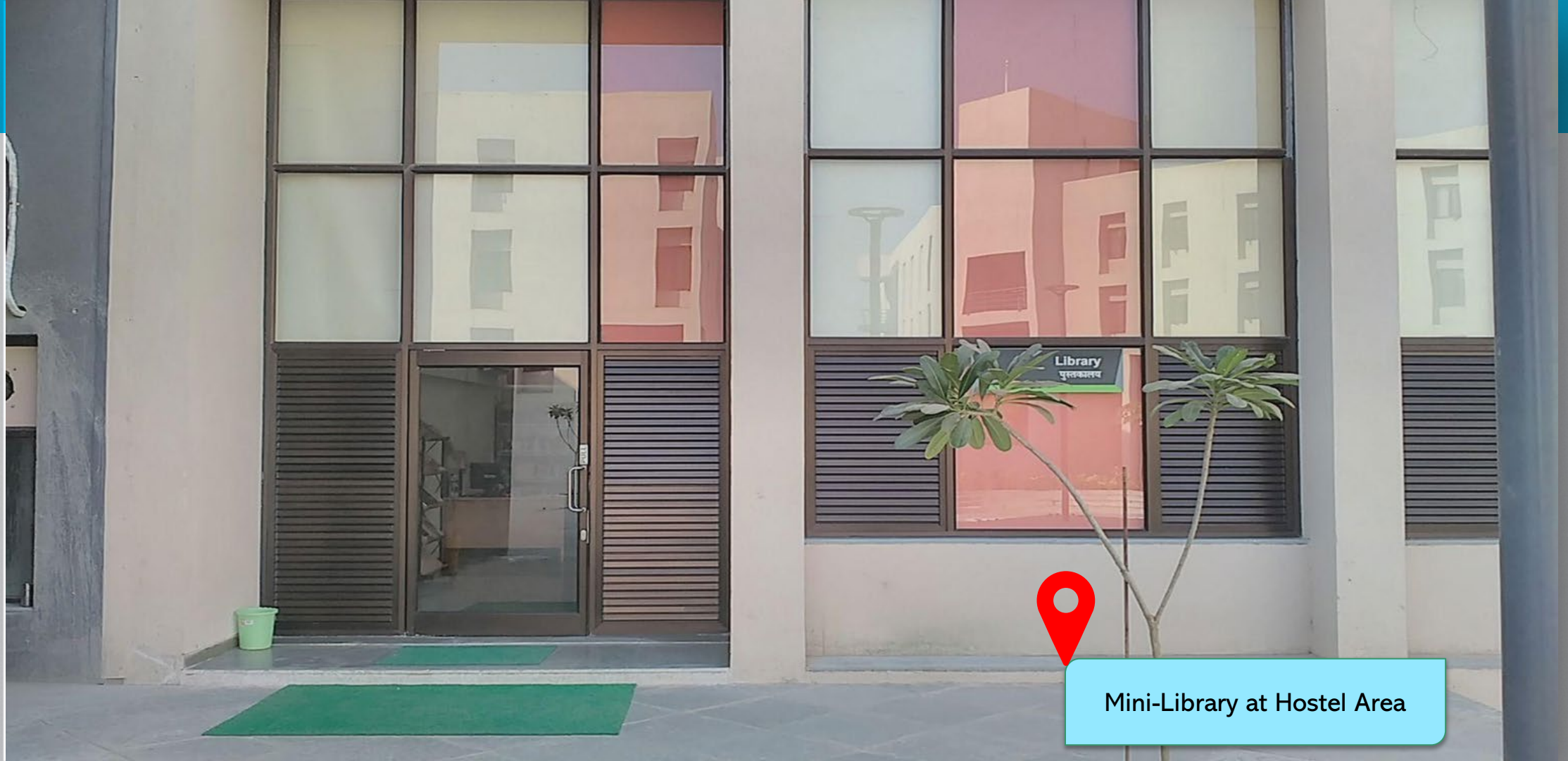
- To identify, acquire, and organize high-quality resources in print, non-print, and digital formats to meet academic and research needs.
- To preserve and provide seamless and equitable access to information, regardless of physical location.
- To support and enhance the Institute's mission in teaching, learning, research, and scholarly communication.



Academic Block 13

Library Space(Block 3) till May 2023





Mini-Library at Hostel Area

Glimpses of Library



READING AREA



INFORMATION DESK

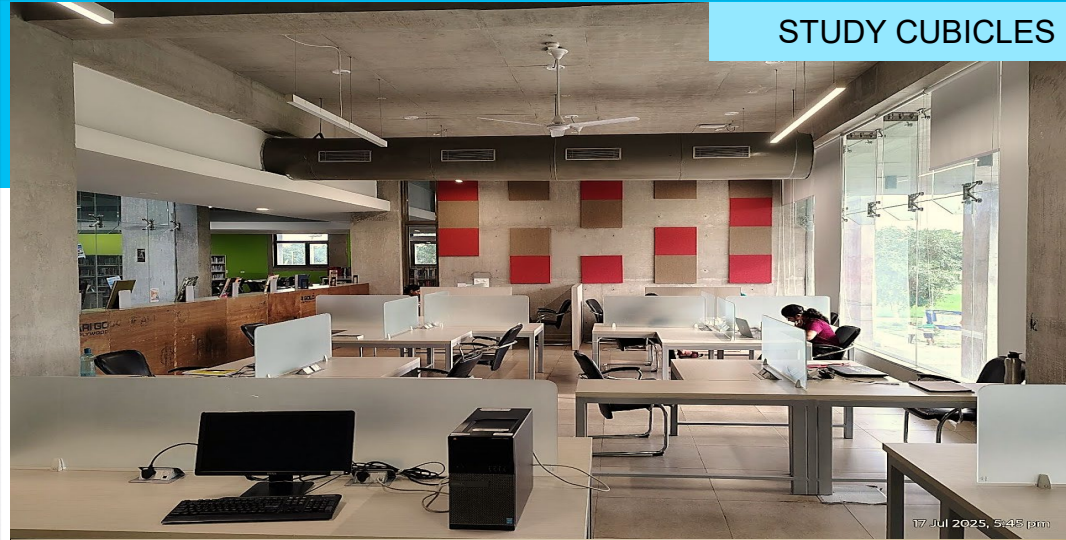


REPROGRAPHY
(PHOTOCOPYING/ SCANNING) ROOM



SELF-HELP KIOSK
(FOR SELF CHECK IN / CHECK OUT)

Glimpses of Library



STUDY CUBICLES



MULTIMEDIA COLLECTION



READING AREA



PRINT PERIODICAL SECTION

Glimpses of Library



READING AREA



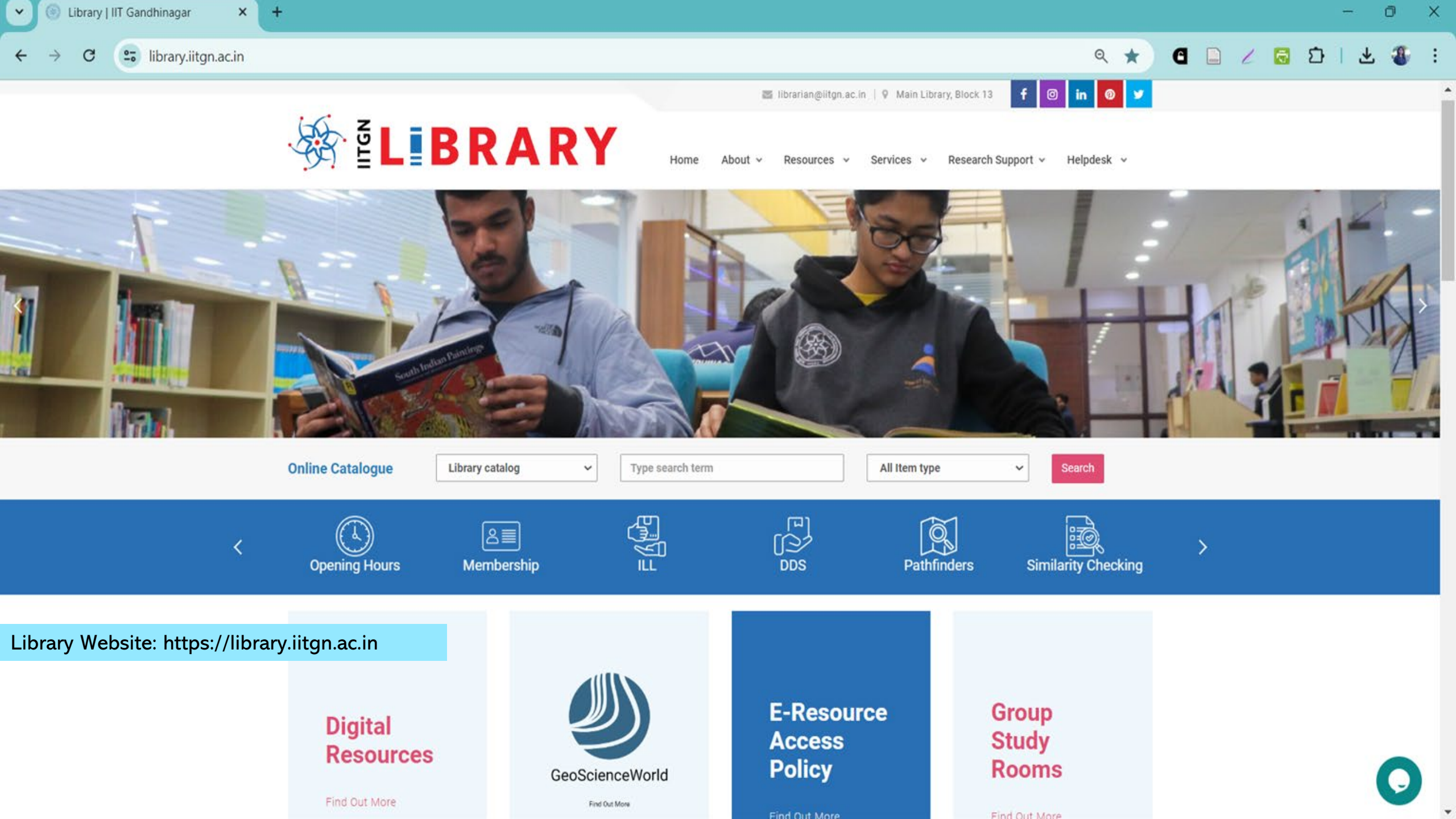
BOOK STACK AREA



BOOK DISPLAY AREA



CHILDREN AREA



Online Catalogue

Opening Hours Membership ILL DDS Pathfinders Similarity Checking

Library Website: <https://library.iitgn.ac.in>

Digital Resources
Find Out More


GeoScienceWorld
Find Out More

E-Resource Access Policy
Find Out More

Group Study Rooms
Find Out More

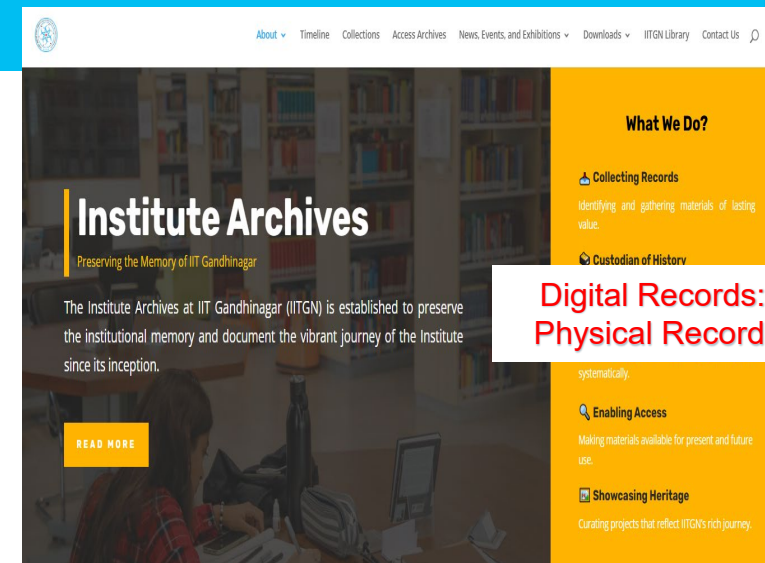


OPERATIONAL DIVISIONS IN THE LIBRARY

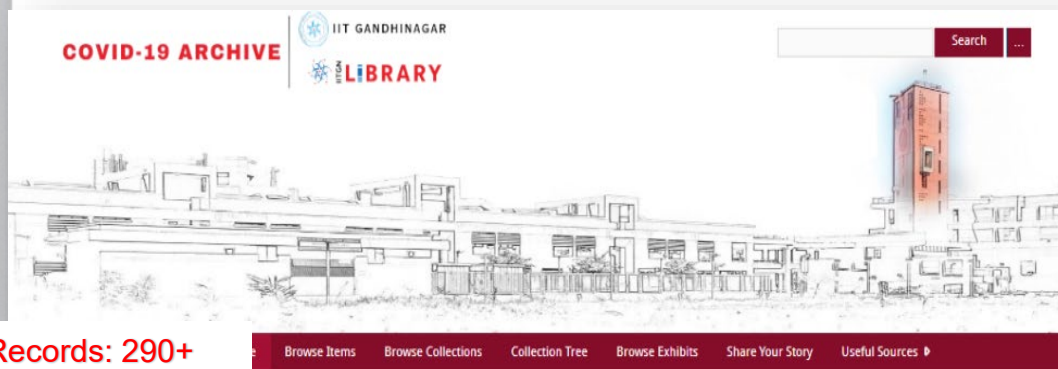
- ★ Information Resource Acquisition & Technical Processing
- ★ Information Resource Access & Users Services
- ★ Research Support and IT Services Management
- ★ Institute Archives **New Initiative**

New Initiative: Institute Archives

- » The Institute Archives at IIT Gandhinagar (IITGN) is established to preserve the institutional memory and document the vibrant journey of the Institute since its inception. Over the past 16 years, IITGN has grown rapidly, making significant contributions in the areas of academics, research, innovation, student life, planning and development, and administration. These years have witnessed major milestones and memorable events that form an important part of the Institute's heritage.
- » As IITGN continues to evolve, it generates a wide variety of information, ranging from documents, photographs, reports, publications, media files to personal collections and institutional records. Much of this valuable material is scattered and unorganized. Sensing the importance of preserving this legacy, the Institute Archives was initiated with a centralized and structured effort to collect, curate, preserve, and make this diverse range of historical material, accessible to the community at large.



Digital Records: 3800+
Physical Records: 780+



Digital Records: 290+



Digital Records: 1100+

Institute Archives at IIT Gandhinagar

The Library at IIT Gandhinagar is making an effort to setup an Institute Archives. The Archives will be responsible for identifying, selecting, collecting, documenting, preserving, exhibiting, and making available for use a wide variety of materials related to the history and heritage of the institute. This will include any document which serves as a memory of the Institute, i.e. published & unpublished documents, event records, manuscripts,

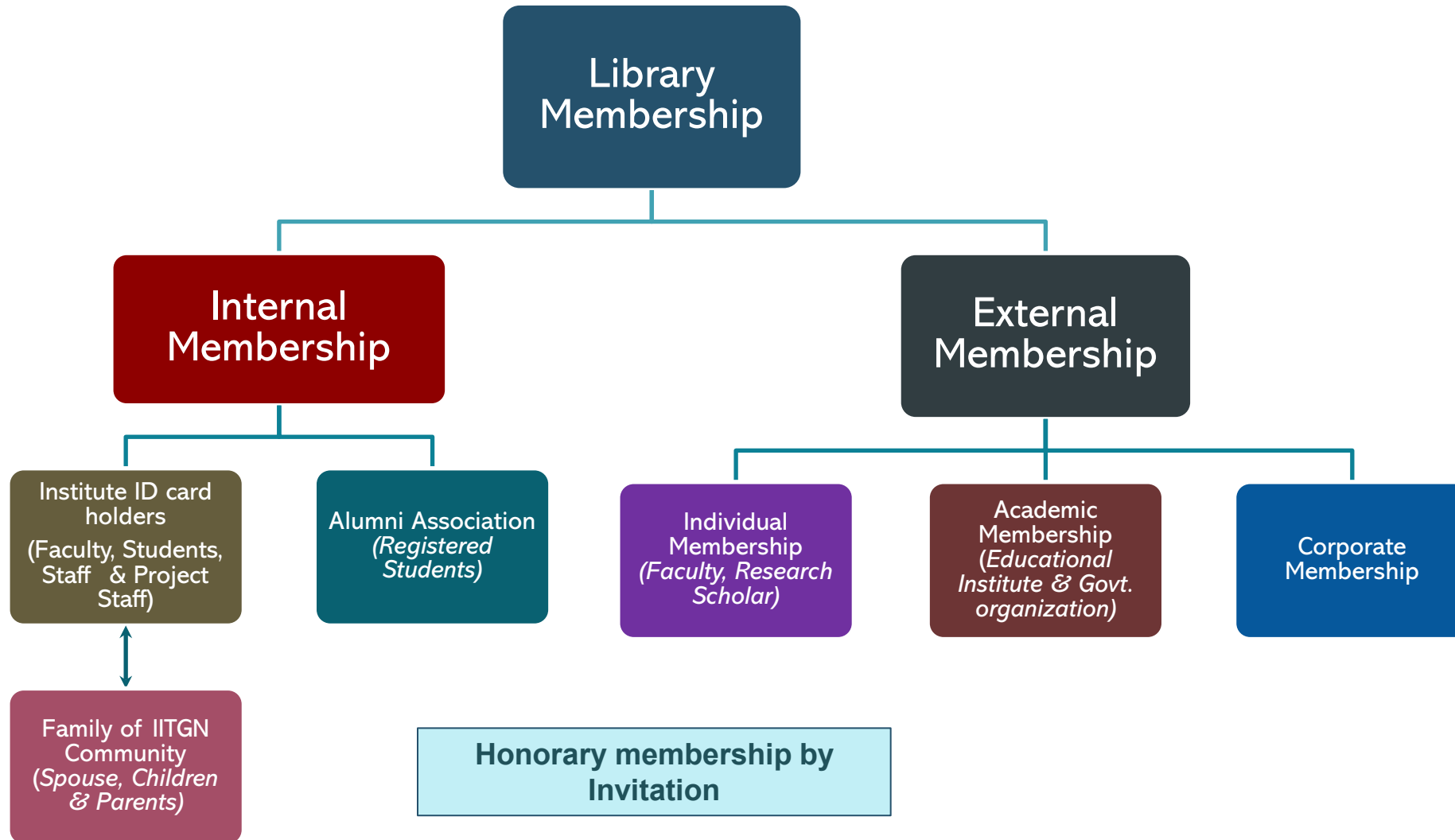


Discover the vibrant atmosphere of [IIT Gandhinagar Library](#) through our extensive Photo Archive. Meticulously curated by the IIT Gandhinagar Library team, this collection showcases a tapestry of significant events and everyday moments. From striking photographs to dynamic videos, the archive encapsulates the essence of our academic achievements, cultural festivities, and community spirit. Immerse yourself in our archive to experience and relive the memories, witnessing the legacy of IIT Gandhinagar Library unfold over time.

Whether you're a current student, alumnus, or simply an admirer of our institution, the archive offers a unique window into the heart of our community engagements, opening up more opportunities for library visitors. Each image and video narrates a story, reflecting the dedication, innovation, and joy that define the IIT Gandhinagar Library experience. Explore the

LIBRARY TEAM

- Library Advisor
- Librarian
- Deputy Librarian
- Assistant Librarians
- Senior Library Information Assistants
- Library Information Assistants
- Project Staff
- Library Trainees
- Library Attendants
- Summer Research Internship Program (SRIP)
- Student Assistants - TA, oCEO, Social Work



READING MATERIALS - BORROWING PRIVILEGES

UG Students	PG Students	Research Scholars (PhD)
6 Books for 15 days	8 Books for 15 days	12 Books for 30 days
06 Children books for 30 days	06 Children books for 30 days	06 Children books for 30 days
02 loose issue (old) of journal for 5 days	02 loose issue (old) of journal for 5 days	02 loose issue (old) of journal for 5 days

Late fee

- Rs. 2.00 per day (First-7 days)
- Rs. 5.00 per day (8th day and onwards)

Short Loan Books (SL)

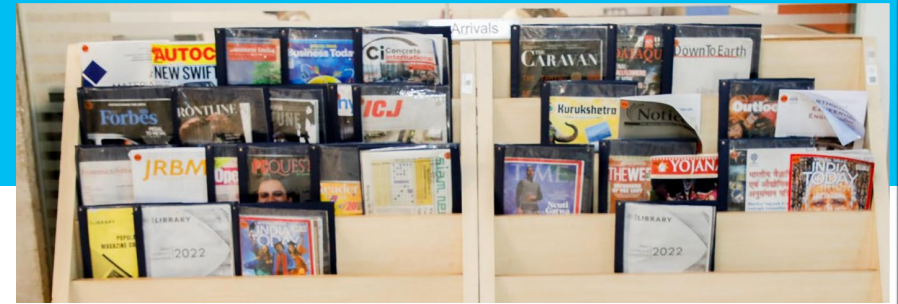
- Rs. 5.00 per day(First-7 days)
 - Rs.10.00 per day(8th day and onwards)
-

LIBRARY OPENING HOURS

During the Academic Session		
Monday – Friday	9:00 am	02:00 am
Saturday, Sunday & Holidays	9:00 am	12:00 midnight
During Vacation		
Monday – Sunday & Holidays	9:00 am	12.00 midnight
Transaction (Issue / Return) Hours		
On all days	9:00am	8.00pm
The Library remains closed on only five Institute holidays		
<ul style="list-style-type: none">• 26th January: Republic Day• 15th August: Independence Day• 2nd October: Gandhi Jayanti• Dussehra: (Vijayadashmi)• Diwali: (Deepavali)	MINI Library is Open 24/7	

LIBRARY RESOURCES - PRINT

- Books : 34396+,
- Reference Books (R)
- Course Readings
 - Course Reserve Collection (CR)
 - Short Loan Collection (SL)
- Journals, Magazines and Newspapers:90+
- Theses & Dissertations : 1286+
- Technical Reports: 456+
- Children's Books : 2080 +
- Hindi Books : 1520 +
- Bound volumes of journals: 990+



COLLECTION ARRANGEMENT



First Floor (Left)

- Books from Class No.: **519 - 621.31921**
 - Mathematics (partially), Astronomy, Physics, Chemistry, Earth Sc., Biochemistry, Biology, Technology, Medicine, Electrical Engg., Mechanical Engg.
- CD/ DVD Collection, Technical Reports

First Floor (Right)

- Books from Class No.: **621.31922 – 999**
 - Electrical Engg., Management, Chemical Engg., Civil Engg., Arts & Recreation, Literature, History & Geography
- Theses and Dissertations
- Journals, Magazines and Periodicals
- Bound Volumes

COLLECTION ARRANGEMENT

Ground Floor

- Books from Class No.: **001 - 518.66**
 - Computer Sc., Philosophy & Psychology, Religion, Social Sc., Language, General Sc., Mathematics (partially)
- Hindi Collection
- Reference Collection
- Newspaper
- Children Collection
- CPG Collection
- Faculty Publication



LIBRARY RESOURCES - ELECTRONIC

- Digital Resources
 - CD, DVDs :1622
- Online Resource Collection : 75+
 - E-journals: 18160 +
 - Databases:6+
- E- Books (Five collections)
- Open Access E-Resources (Free, scholarly)



One Nation One Subscription (ONOS) (31 E-Resources)

- AAAS- Science
- ACM Digital Library
- American Chemical Society Journals
- American Institute of Aeronautics and Astronautics (AIAA) Journals
- American Institute of Physics Journals
- American Mathematical Society Journals
- American Physical Society - ALL
- American Society for Microbiology Journals 25
- Annual Reviews Journals
- ASCE Journals Online
- ASME Journals Online
- Bentham Science Journals
- BMJ Journals
- Cambridge University Press Journals
- Cold Spring Harbor Laboratory Press Journal
- Elsevier ScienceDirect Journals
- Emerald Publishing Journals
- ICE Publishing Journals
- IEEE Journals
- IndianJournals
- Institute of Physics Journals
- Lippincott Williams & Wilkins (Wolters Kluwer) Journals
- Oxford University Press Journals
- Project Muse
- Sage Publishing Journals
- SPIE Digital Library
- Springer Nature Journals
- Taylor and Francis Journals
- Thieme Journals
- Wiley Journals
- Web of Science (WOS)



Empowering India's Research Ecosystem
with 30+ Publishers,
13000+ E-Journals



FULL TEXT E- RESOURCES



Full text E-Resources available in the Library and more

BIBLIOGRAPHIC DATABASES



Bibliographic Databases available in the Library

E-BOOKS COLLECTION

- ACM Classic E-Books Collection
- IEEE - WILEY Semiconductor E-books
- MITCognet E-Books
- South Asia Archive
- World eBook Library



MITCogNet



Standards

- ASTM Digital Library (Standards & Journal collection)
- IEEE Standards
- Indian Standards Complete Set



Patents

- » Scifinderⁿ
- » Web of Science
- » Lens.org
- » Agencies
 - » Indian Patent Office
 - » Google Patents
 - » US Patent office
 - » Espacenet (European Patent search)

35+ Patents Granted
56+ Patents Filed



OPEN ACCESS E-RESOURCES (FREE)

Video Courses: NPTEL & many others

Open Educational Resources (OER)- OpenTextBooks, Open Text Books

Journals: Directory of Open Access Journals

Books: DOAB, Google Books, Hathi Trust, HighWire, Project Gutenberg, Digital Library of India

Theses: Shodhganga, NDLTD, OATD & many other.

Search Engines: Google Scholar, ChemSpider, BASE: Bielefeld Academic Search Engine, Crossref, PubChem, PubMed. Lens.org

Library Catalogue: IndCat, WorldCat, Trove, Library Hub Discover etc.

E-Prints: arXiv.org, CogPrints, ChemXSeer, RePEc, SocArXiv, BioArxiv, TechRxiv, OSF E-Preprints

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.
- <https://library.iitgn.ac.in/librarypolicy.php?type=eresources>

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

ARRANGEMENT OF RESOURCES

- Books: Dewey Decimal Classification System
- Print Journals: Alphabetical order
- CD/DVD/VCD/ACD : By Accession number- A, C, V series
- Online Resources: Linked on Library website
- **Course Reserve**: At Circulation Desk by Classification Number
- **Short Loan** : With other books on the shelf

10 MAIN CLASSES OF DDC

Class Number	Category	Theme	Examples
001–099	Generalities	Prequel to the Dewey Decimal System	Encyclopedias, curiosities and wonders, unexplained mysteries
100–199	Philosophy	Who am I?	Books about the self, feelings, dreams, witchcraft
200–299	Religion	Who made me?	Christianity, Judaism, Buddhism, Hinduism, etc., and Mythology
300–399	Social Science	Who's the guy in the next cave?	Customs, cultures, laws, manners, costumes, fairy tales
400–499	Languages	How do I talk to that guy?	Dictionaries, parts of speech, sign language, foreign language aids
500–599	Natural Science	Let's talk about the world we see	Mathematics, earth, astronomy, chemistry, plants, wild animals
600–699	Applied Science	Now let's make stuff out of what we see	Inventions, robots, transportation, pets, recipe books
700–799	Arts and Recreation	Now let's have some fun	Art, drawing, comics, handicrafts, music, games, sports
800–899	Literature	Let's tell our children how wonderful we are	Poetry, plays, classic literature, jokes, riddles
900–999	Geography and History	Let's tell our future children how wonderful we were	Landforms, travel, atlases, exploration, countries
92 and 920	Biography & Collective Bio	Find out about famous people	Single person: filed by last name; Multiple people: by author

10 MAIN CLASSES OF DDC



000 General Works

- 010 Bibliography
- 020 Library Science
- 030 Encyclopedias, Almanacs
- 040 General Essays, Lectures
- 050 Periodicals,
- 060 General Organizations
- 090 News, Journalism
- 080 General Collections
- 090 Manuscripts, Rare Books



100 Philosophy

- 110 Metaphysics
- 120 Epistemology, Causation and Humankind
- 130 and Humankind
- 140 Paranormal Phenomena
- 150 Philosophical
- 160 Logic
- 170 Ethics
- 180 Ancient Philosophy
- 180 Modern Western Philosophy



200 Religion

- 210 Natural Theology
- 220 Bible
- 230 Christian Theology
- 240 Local Religious Orders
- 250 Social Religious Orders
- 250 Christian History
- 210 Christian Denominations
- 280 Atheism
- 390 Other Languages



300 Social Sciences

- 310 General Statistics
- 320 Political Sciences
- 330 Economics
- 340 Law
- 360 Public Administration
- 360 Customs, Commerce
- 370 Education
- 350 Commerce, Communications
- 350 Folklore



400 Language

- 410 Linguistics
- 420 English and Old English
- 430 German
- 440 Romance, French
- 450 Italian and Romanian
- 460 Spanish and Portuguese
- 470 Latin
- 480 Hellenic, Classical Greek
- 490 Other Languages



500 Natural Sciences

- 510 Mathematics
- 520 Astronomy
- 530 Physics
- 530 Earth Science
- 530 Paleontology, Zoology
- 570 Life Sciences
- 530 Botanical Sciences
- 590 Zoological Sciences



600 Applied Sciences

- 610 Medical Sciences
- 620 Engineering, Agriculture
- 630 Home Economics
- 640 Home Econ., Cooking
- 630 Management
- 660 Chemical Engineering
- 670 Manufacturing
- 680 Commerce
- 630 Construction Technology



700 The Arts

- 710 Civic and Landscape Arts
- 720 Architecture
- 730 Decorating, Decorative Arts
- 780 Painting, Prints
- 750 Drawing, Decorative Arts
- 760 Photography
- 770 Music
- 780 Sports and Performing Arts
- 790 Other Literature



800 Literature

- 810 American Literature
- 820 English Old English Literature
- 830 English English Literature
- 840 German Literature
- 850 French Literature
- 860 Spanish-Portuguese
- 870 Italian Romanian Literature
- 860 Latin Literature
- 890 Other Literature



900 Geography/History

- 910 Geography and Travel
- 920 Biography and Genealogy
- 930 History of the Ancient World
- 940 European History
- 950 History of Asia, Orient and Far East
- 960 African History
- 970 North American History

HOW TO ACCESS LIBRARY RESOURCES

- Library follows Open Access System
- Personal visits & browsing
- Online Catalogue for all holdings in Library
- Follow links on Library Website
- All Online resources accessible on Intranet & Internet
 - Off campus access using RemoteXS
 - For only IITGN Community
 - These are licensed & have certain restrictions
- Course Reading Materials: CR/SL List on Website
 - Webpage, OPAC

INFORMATION TECHNOLOGY INFRASTRUCTURE

- Automation in-house operations: Koha - Open Source Software
- Remote Access (RemoteXS)
- Turnitin: Plagiarism checking software
- Grammarly: for writing correctly
- Reference Management Software: Zotero, Mendeley, Endnote
- Digital Repository: DSpace
- Subject Resource Guides: SubjectPlus



DSPACE



INFORMATION TECHNOLOGY INFRASTRUCTURE (contd.)

- RFID – for self-check-out & check-in (issue & return)
- Electronic Resources Management System: CORAL
- High-speed connectivity to Internet: NKN & BSNL
- Good number of computers for accessing library resources
- Photocopier machines, Scanners & Printers
- Library Website, Interactive Flat Panel
- Wi-Fi facility
- Library Mobile App, QR Codes



 bibliotheca®

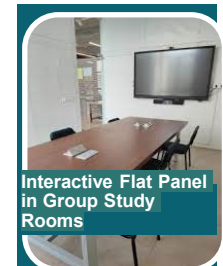
 CORAL



Library App



Photocopying



Interactive Flat Panel
in Group Study
Rooms

SERVICES OFFERED...

- Circulation Services (borrow & return)
- Reference & Information Services
- Current Awareness/Alert Services
- Interlibrary Loan
- Document Delivery Service
- Facilitating other library reference
- Literature survey & literature search services
- Compilation of bibliographies on specific topics
- Assisting in procuring textbooks
- Creating Subject Resource Guides
- Managing scholarly publications- Digital Repository
- Scholarly communication support – for publishing
- Research funding sources
- Building virtual collection- cataloguing internet resources
- Developing academic archives

INFORMATION & DIGITAL LITERACY SESSIONS

Library Orientation

- Presentation, visit followed by hands on activity based sessions

Workshops:

- E.g. Literature Survey using Bibliographic Databases, Reference Management Tools & Citation, Academic Writing using Grammarly, Academic Identities, Predatory Publishing, Systematic Review

Presentation & Talks:

- E.g. Research Data Management; Scientific Writing and Publishing,
- Nobel Prize Lectures series

Demo Sessions:

- E.g. Scopus, Web of Science, Scifinder and similar databases and E-resources by the Publisher

Focused group sessions/ Open House- Research Scholars, Masters Students (Brew & Chat Sessions)

OTHER POPULAR SERVICES



Email Article services



Management Tips

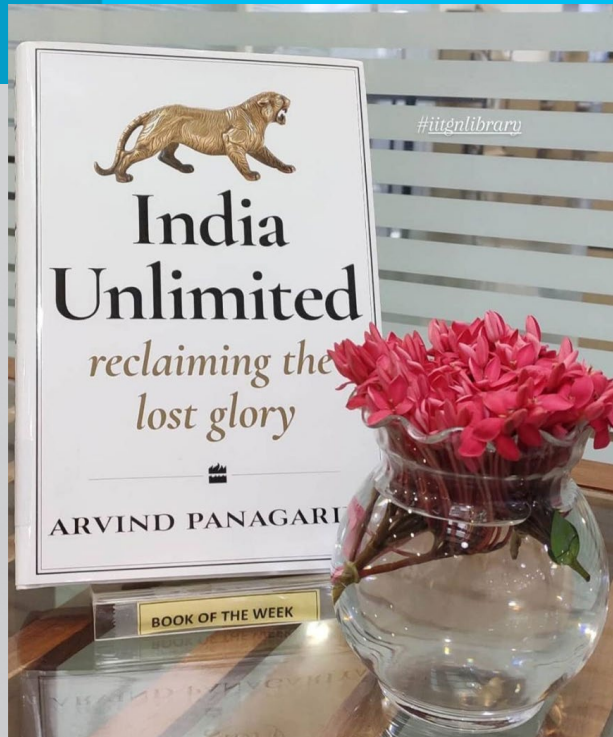
Monthly Article Alert Service

Insightful reads on Organizational Culture & Strategy, Workplace Well-being & Mental Health, Artificial Intelligence, Leadership and Management and the Future of Work and Personal & Professional Growth to help you stay informed, inspired, and future-ready.

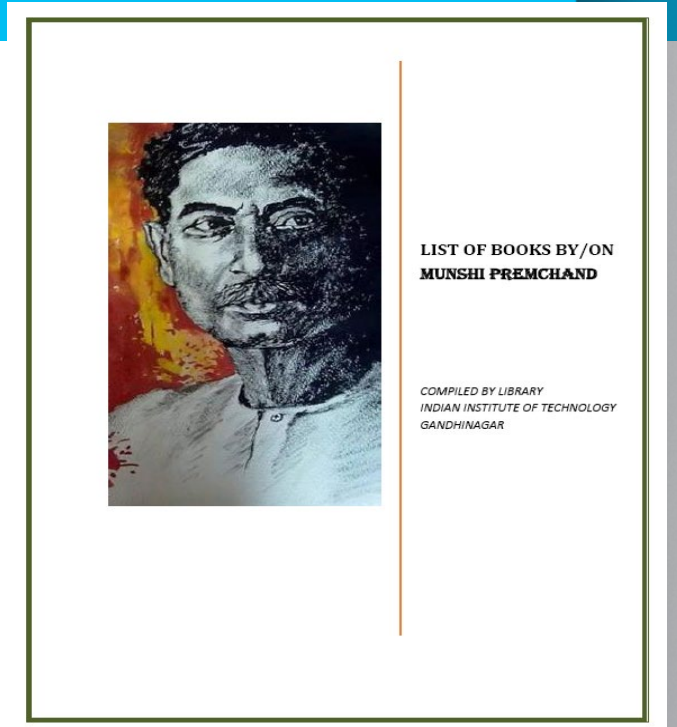
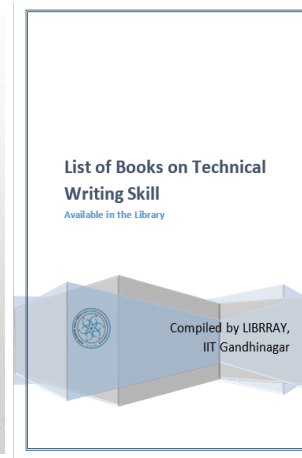
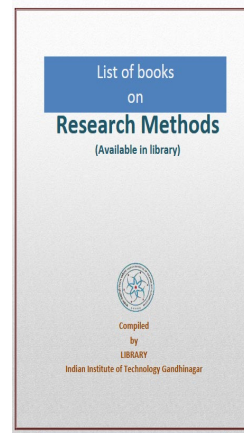
Innovate and Inspire: Entrepreneurial Reads Collection

Curated list of articles and resources on entrepreneurship, startups, innovation, industry trends, research developments and much more.

Bibliographies



Book of the Week



Author of the Week

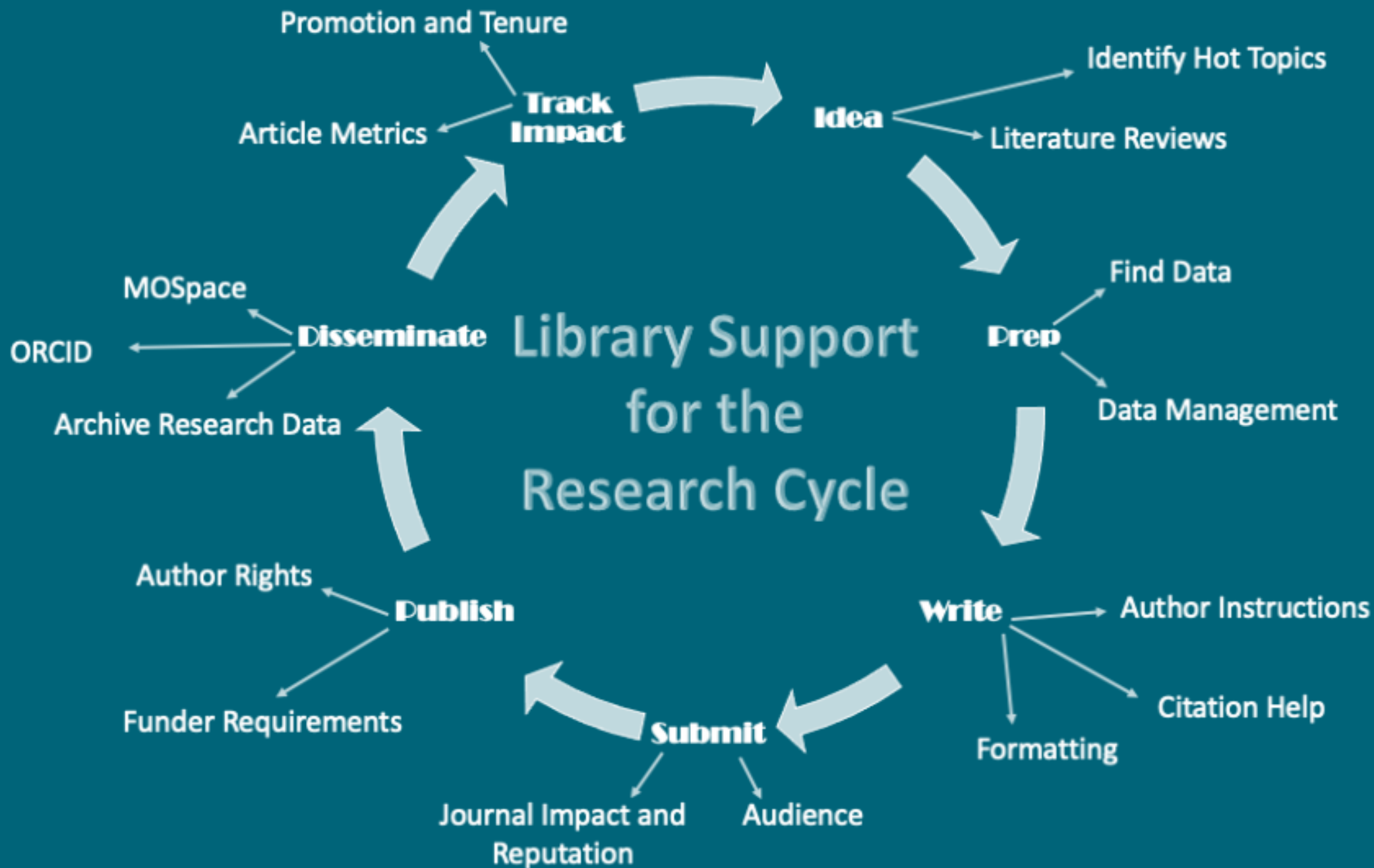
INSTITUTIONAL MEMBERSHIP

Professional Societies

AAAI, American Concrete Institute, American Mathematical Society, Euro Graphics, FIB, Indian Academy of Sciences, IABSE, IAHR, IATUL, MAA

Library Networks & Consortia

- ONOS (INFLIBNET/MoE)
- DELNET- Developing Library Network
- ADINET- Advance Information Network of Libraries in Gujarat
- American Library, Mumbai





- Finding Research Resources
- Planning & Beginning of Research
- Undertaking, Organizing & Managing Research
- Visibility, Discovery, and Impact of Research
- Research Impact & Metrics
- Consultations, workshops, Trainings
- Citation & Reference Styles

Online Catalogue

Library catalog

Type search term

All Item type

Search

- Opening Hours
- Membership
- ILL
- DDS
- Pathfinders
- Similarity Checking

Digital Resources



E-Resource Access

Group Study



IITGN Research Publications

- Patents 2025 2024 2023 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009

Patents Granted

- Appayee, Chandrakumar; Padmaja, Venkata M. D. and Kutwal, Mahesh S.**, "Photochromic organic compounds and a process for their synthesis", *Indian Patent Office (IPO)*, Patent No.: 498888, Jan. 12, 2024.
- Appayee, Chandrakumar and Sarkale, Abhijeet M.**, "Method for the asymmetric synthesis of (s)-paraconic acid", *Indian Patent Office (IPO)*, Patent No.: 391941, Mar. 14, 2022.
- Arora, Amit; Tiwary, Chandra Sekhar; Rout, Arpan; Gumaste, Anurag and Mahesh V. P.**, "A process for preparation of a polymer reinforced metal matrix composite", *Indian Patent Office (IPO)*, Patent No.: 389338, Feb. 15, 2022.
- Banerjee, Rupak; Paul, Tufan; Maity, Avisek and Sahoo, Aditi**, "Sensor for ammonia gas detection and a method for manufacturing the sensor", *Indian Patent Office (IPO)*, Patent No.: 562981, Mar. 20, 2025.
- Bhargav, Atul and Bhakta, Sagardeep**, "A cool flame reactor for diesel reformer", *Indian Patent Office (IPO)*, Patent No.: 499543, Jan. 15, 2024.
- Datta, Bhaskar Kumar Sen and Ghosh, Pratik**, "Nanobiocatalyst for detection of organophosphorus herbicides", *Indian Patent Office (IPO)*, Patent No.: 419026, Jan. 22, 2022.



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

Disciplines & Communities

Select a community to browse its collections.

- Archaeological Sciences (Centre) [112]
- Biological Sciences and Engineering [611]
- Biomedical Engineering (Centre) [2]
- Center for Creative Learning (CCL) [18]
- Centre for Sustainable Development [3]
- Chemical Engineering [886]

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Browse

All of DSpace

- Communities & Collections
- Titles
- Authors
- By Advisor
- By Issue Date
- Subjects
- By Type
- By Degree
- By Department

My Account

Login

Discover

Author

- Mishra, Vimal (227)
- Kumar, Manish (218)
- Bhatia, Dhiraj (163)

All Search for... 🔍

Faculty / Scientist

Faculty / Scientist
191

Director	1
Professor	32
Adjunct Professor	1
Associate Professor	56
Assistant Professor	?

Scholarly Resources

Publications	5393	Patents	46
3488 Closed Access	535 Gold OA	510 Green OA	296 Bronze OA
Journal Articles	3575		
Conference / In Proceedings	1243		
Books / Chapters			

Resources Impact

Impact

166737 Citations

151553 Citations

Departments

Civil Engineering	(17)
Biological Engineering	(11)
Chemical Engineering	(13)
Chemistry	(13)
Central Library	(2)
Mathematics	(16)

Top ten Profiles

Dr Anand Sengupta
Associate Professor

446 Publications 95643 Citations 110792 Citations

[View Profile](#)

Dr Kamla Prasan Ray
Professor of Practice

420 Publications 48 Citations 3855 Citations

[View Profile](#)

Publications

Observation of gravitational waves from a binary b...

Author: Abbott B.P.; Abbott R.; Abbott T.D.; Abernathy M.R.; Acernese F.; Ackley K.; Adams C.; Adams T.; Addesso P.; Adhikari R.X.; Adya V.B.; Affeldt C.; Agathos M.; Agatsuma K.; Aggarwal N.; Aguiar O.D.; Aiello L.; Ain A.; Ajith P.; Allen B.; Allocca ...

10033 Citation 11648 Citation

[GW170817: Observation of Gravitational Waves](#)

IRINS - web-based Research Information Management (RIM) service



Vimal Mishra

[FOLLOW](#)

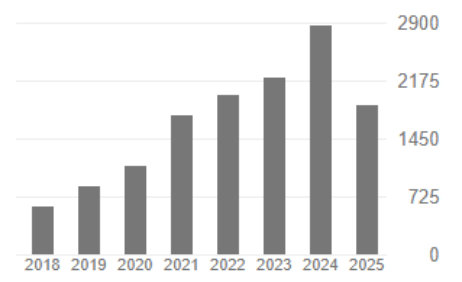
[Indian Institute of Technology Gandhinagar](#)
Verified email at iitgn.ac.in - [Homepage](#)

[Hydrology](#) [Climate Variability](#) [Climate Change](#) [Hydrologic Extremes](#)

TITLE	CITED BY	YEAR
A long-term hydrologically based dataset of land surface fluxes and states for the conterminous United States: Update and extensions B Livneh, EA Rosenberg, C Lin, B Nijssen, V Mishra, KM Andreadis, ... Journal of Climate 26 (23), 9384-9392	740	2013
Relative contribution of monsoon precipitation and pumping to changes in groundwater storage in India A Asoka, T Gleeson, Y Wada, V Mishra Nature Geoscience 10 (2), 109-117	511	2017
Increase in extreme precipitation events under anthropogenic warming in India S Mukherjee, S Aadhar, D Stone, V Mishra Weather and climate extremes 20, 45-53	397	2018
Changes in observed climate extremes in global urban areas V Mishra, AR Ganguly, B Nijssen, DP Lettenmaier Environmental Research Letters 10 (2), 024005	381	2015
Bias-corrected climate projections for South Asia from coupled model intercomparison project-6 V Mishra, U Bhatia, AD Tiwari Scientific data 7 (1), 338	343	2020
A prominent pattern of year-to-year variability in Indian Summer Monsoon Rainfall V Mishra, BV Smoliak, DP Lettenmaier, JM Wallace Proceedings of the National Academy of Sciences 109 (19), 7213-7217	337	2012
Global distribution, trends, and drivers of flash drought occurrence JI Christian, JB Basara, ED Hunt, JA Otkin, JC Furtado, V Mishra, X Xiao, ... Nature communications 12 (1), 6330	327	2021
Retrospective droughts in the crop growing season: Implications to corn and soybean yield in the Midwestern United States V Mishra, KA Cherkauer Agricultural and Forest Meteorology 150 (7-8), 1030-1045	313	2010

Cited by [VIEW ALL](#)

	All	Since 2020
Citations	14694	11858
h-index	71	63
i10-index	153	146



Public access [VIEW ALL](#)

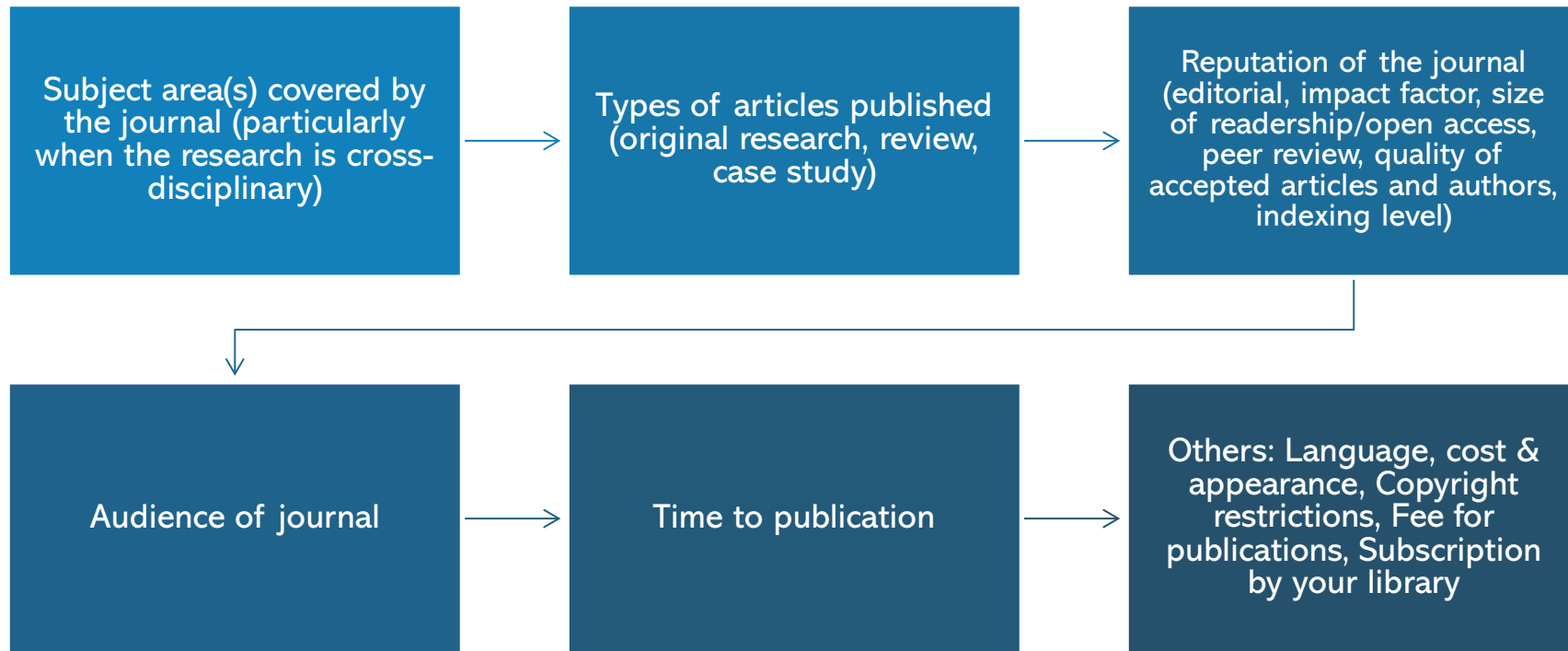
1 article not available | 37 articles available

Based on funding mandates

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FINDING RIGHT JOURNAL TO PUBLISH- SOME CRITERIA



SOURCES TO CHECK

Web of Science Sources

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

JCR - Journal Citation Reports & InCites (from Clarivate)

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/>

SHERPA/JULIET - Research funders' open access policies

- SHERPA/RoMEO - Journals' and Publishers' Open Access Policies
- <http://www.sherpa.ac.uk/>

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

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

BE AWARE OF PREDATORY PUBLISHING?...

Word 'Predatory' was coined by by Jeffry Beall in 2010

...predatory publishers...publish counterfeit journals to exploit the open-access model in which the author pays. These predatory publishers are dishonest and lack transparency. They aim to dupe researchers, especially those inexperienced in scholarly communication.

Beall, J. (2012) "Predatory publishers are corrupting open access", Nature, vol. 489 iss. 7415.

Identify trusted publishers for your research

Through a range of **tools and practical resources**, this international, cross-sector initiative aims to **educate researchers, promote integrity**, and **build trust in credible research and publications**.

[Books & Chapters](#) ➤[Journals](#) ➤

! Think

Are you submitting your research to a trusted journal or publisher?
Is it the right journal or book for your work?

✓ Check

Use our check list to assess the journal or publisher.

➤ Submit

Only if you can answer 'yes' to the questions on our check list.



Why Think. Check. Attend.

Think. Check. Attend. is an initiative that aims to guide and assist researchers and scholars to judge the legitimacy and academic credentials of conferences in order to help them decide whether to or not attend the same. Nowadays, the scholarly community faces an increasing number of invitations to present at or attend conferences. Some of these



Citation and Reference Style Guides

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 citation and reference style guide
<https://library.iitgn.ac.in/crsreport.php>

If you have any questions or need guidance is using, please contact the library staff at librarian@iitgn.ac.in

- > AAA Style (American Anthropological Association)
- > ACS Style (American Chemical Society)
- > AIP Style (American Institute of Physics)
- > American Antiquity Style-Society for American Archaeology
- > AMS Style (American Mathematical Society)



USE REFERENCE MANAGEMENT SOFTWARE

- Zotero

- <https://www.zotero.org/>

zotero

- Mendeley

- <https://www.mendeley.com/>



- EndNote

- <http://endnote.com/>

EndNote™

- RefWorks

- <http://www.proquest.com/products-services/refworks.html>

- Papers

- <http://papersapp.com/>



- Many others- JabRef, WebNotes...

LIBRARY EVENTS

library.iitgn.ac.in/hee.php

School

librarian@iitgn.ac.in | Main Library, Block 13



Home About Resources Services Research Support Helpdesk



News, Events & Exhibitions

Upcoming Events

Exhibits

Past Events

> Year 2025

Shapes and Shades: A Geometric Glass Art Journey: On 29th June 2025, the Library, in collaboration with the Centre for Creative Learning, IITGN, hosted *Shapes and Shades: A Geometric Glass Art Journey* - a hands-on workshop where children explored symmetry, patterns, and visual illusions through vibrant acrylic sheet paintings. Inspired by geometric designs from West Asia, North Africa, and Spain, the session, led by Mr. Chris John (Project Scientist, CCL) and his team, beautifully blended art, culture, and mathematics in an engaging and creative environment.

Chai Time: On the pleasant evening of 19th June 2025, the Library, in collaboration with the Staff Development Cell (SDC), hosted *Chai Time*, welcoming over 35 staff members for an engaging and interactive session. The session began with a short tour of the Library, showcasing key resources and tools, followed by engaging activities like a quiz, a crossword, and "Look for the Book." It wrapped up with chai, selfies with favourite books, and a refreshed connection to the Library.

What IEEE Brings to The Table? IEEE Awareness Table: On 30th May, from 2 PM to 4 PM, the Library, in collaboration with IEEE, organised an Information Desk in the Atrium Area, AB Block 13. Dr. Dhanu Pattanashetti, Senior IEEE Client Services/University Partnership Program Manager, engaged with participants on topics such as publishing in IEEE journals, upcoming conferences, becoming a reviewer, identifying research ideas, strengthening PhD research, and support for placements and higher studies. Alongside the IEEE desk, the Library team also set up a table for open discussions, addressing any concerns, queries, or feedback, further enhancing the interaction.

Storytelling with a Twist: On 25th May 2025, the Writing Studio, in collaboration with the Library, organised *Storytelling with a Twist*, a creative session for children featuring Storytelling and writing activities. The session began by discussing the book *Tales from Dibang Valley: Why are the Ākrū's Horns Curved?* by Prof. Ambika Aiyadurai. This was followed by an engaging "ABC Story Writing" activity, where participants crafted stories using words beginning with each letter of the alphabet.

IITGN Library & NYASA Outreach for Shahpur School Students: On 23th May, 2025, the IIT Gandhinagar Library, in collaboration with NYASA, conducted an engaging outreach session for students of Adarsh Prathamik School, Shahpur. Held at the IITGN Library, the session aimed to spark curiosity and promote reading among young learners through

Review Videos



- > Matters to be covered in the video
- > Things to keep in mind while shooting the video
- > Submission of Videos

QUICK LINKS

- About
- FAQs
- Downloads
- Institute Website
- Internal Website

RESOURCES

- Online Catalogue
- Course Readings
- Digital Resources
- Digital Repository
- Print Resources

SERVICES

- Memberships
- Research Support
- Inter Library Loan (ILL)
- Document Delivery Service (DDS)
- Off Campus Access

Library Newsletter



LIB-INFOCAST

JAN - MAR 2025/ Vol 5 No 1

A quarterly issue from Library, IITGN

Seminar on Nobel Prize 2024

A series of lectures were organized by the Library in association with Prof. Sudipta Sarkar on the winners of the Nobel Prize and the ideas that won them the honour.

- **11th January, 2025:** "Computing to remember --- a unification of biology, physics, and computation" - The Nobel Prize in Physics 2024 by Prof. Anirban Dasgupta.
- **18th January, 2025:** "Predicting Protein Structures- a Journey"- The Nobel Prize in Chemistry 2024 by Prof. Sairam Swaroop Mallajosyula.
- **25th January, 2025:** "How Tiny Molecules and a Worm Helped Us Understand How Genes are Controlled" - Nobel Prize in Physiology or Medicine 2024 by Prof. Sharmistha Majumdar.
- **01st February, 2025:** "Socio-Economic Institutions and Economic Development" - The Sveriges Riksbank Prize in Economic Sciences 2024 in Memory of Alfred Nobel by Prof. Deepak Singhania.



- **08th February, 2025:** "Secured in Translation: Han Kang's country and her global empathy in the painful and beautiful world" - The Nobel Prize in Literature 2024 by Prof. Jooyoung Kim.
- **15th February, 2025:** "Nihon Hidankyo (Hibakusha) Movement for a World Free of Nuclear Weapons: A Critical Appreciation" - The Nobel Peace Prize 2024 by Prof. Tanka Bahadur Subba.

Brews & Chat: An Open House with Research Scholars

To strengthen research scholars' engagement with **library resources** and services, the Library team launched a new initiative: Brews & Chat – An Open House with Research Scholars. Through these informal, department-specific sessions, scholars had the opportunity to explore library offerings, ask questions, and share their feedback over relaxed conversations. So far, eight such sessions have been conducted with the departments of Earth Sciences, Materials Engineering, Mathematics, Humanities and Social Sciences, Biological Sciences and Engineering, Chemical Engineering, and



LIB-INFOCAST

JAN - MAR 2025/ Vol 5 No 1

Engaged in Events Workshops

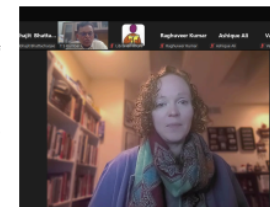
- **16th January 2025:** 'From Search to Cite: Using JSTOR Effectively' by Ms. Architaben Muchhadia.
- **24th January 2025:** 'Managing Your References Using Zotero' by Dr. Ajeemsha S.
- **31st January 2025:** 'Managing Your References Using Mendeley' by Ms. Sabarmati Bhattacharya.
- **07th February 2025:** 'Predatory Publishing: How to Spot and Avoid' by Dr. T.S. Kumbar.
- **21st February 2025:** 'Creating and Managing Your Scholarly Identity' by Ms. Panna Chaudhari.
- **28th March 2025:** 'Understanding Retractions in Research: How to avoid Citing Retracted Papers' by Dr. T.S. Kumbar.

Library Visitors

- **SNDT Women's University:** On 18th January 2025, 20 LIS students accompanied by their teachers visited the Library and interacted with the staff members.
- **Ganita Sannmelan:** On 22nd January 2025, the participants of *Ganita Sannmelan* visited the library.
- **Cognitive Science Symposium 2025:** Approximately 90 prospective student of Cognitive Science attending Cognitive Science Symposium stepped into the Library on Saturday, 15th

Essentials of Research Data Management: Best Practices for Research Integrity and Impact

On 12th February, 2025, Ms. Brianna Buljung, Teaching and Learning Librarian from the Colorado School of Mines, USA, conducted a session on "Essentials of Research Data Management: Best Practices for Research Integrity and Impact" for the IITGN community. She covered data organization, storage, FAIR principles, and best practices for sharing and discovering datasets. The session also highlighted scientific record-keeping and differences in data management requirements between the U.S. and India.



Demo sessions by the Library with the Scientific Writing Certification team

The Library, in collaboration with the Certification in Scientific Writing team, organized interactive demo sessions for students registered in the ongoing course. These sessions aimed to enhance research writing skills through practical guidance on literature surveys, reference management, citation styles, plagiarism checks, Grammarly, and other key tools.

Session 1: How to Conduct a Literature Survey Using Scholarly E-Resources: On 13th February, 2025, Dr. Kumbar discussed the concept of a literature survey, its importance, and best practices for conducting one effectively. He also demonstrated various resources, including both subscribed and open-access platforms, to assist in the process.

Session 2: How to Use Reference Management Tools & Citation Styles: On 20 February, 2025, Dr. Ajeemsha S. and Ms. Panna Chaudhary facilitated the session. Ms. Panna explained citation styles, their various formats, and the importance of using them. Dr. Ajeemsha then demonstrated the use of Zotero, a reference management software, covering how to manage references and utilize all its features for efficient citation and bibliography management.

Session 3: Improving Academic & Research Writing using Grammarly: On 28th February,



Weekly Update IITGN Library

Research Publications

Published during 08th to 13th July 2025

RESEARCH PUBLICATIONS

Category	Count
E-Print Archives	7
Journal Papers	12
Papers Presented in Conference	2

Recent Research Pub. | IITGN Research Pub. | Visit Digital Repository | Research@IITGN

Weekly Update

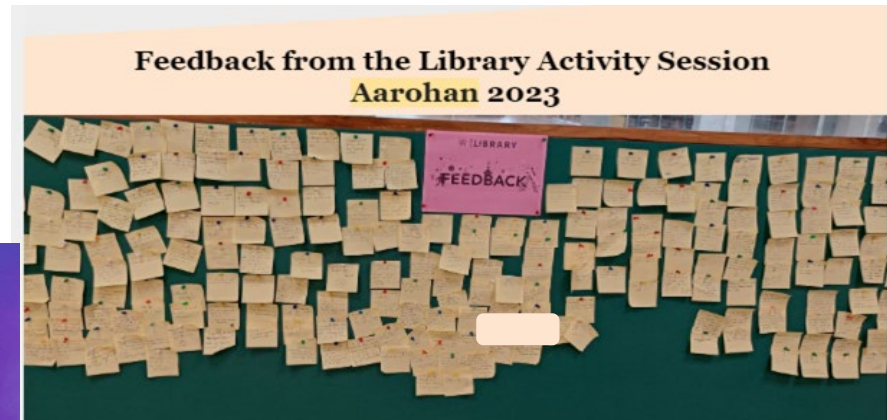
14th July 2025

#167

Pathfinders

A curated list of books and other resources on your desired topics. This week features **World Youth Skills Day (July 15)**

[List of resources on World Youth Skills Day](#) | [All Pathfinders](#)



Feedback from the Library Activity Session
Aarohan 2023

Library Team wants you to know...

The Library Team wants you to know that **Dover Books on Mathematics** is a renowned series of affordable, high-quality reprints and original works that have made significant contributions to the field of mathematics accessible. Known for their clarity, depth, and timeless value, these books cover a wide range of topics—from elementary mathematics and geometry to advanced areas like number theory, topology, and mathematical physics. Many titles in the series are authored by legendary mathematicians such as Carl Friedrich Gauss, Richard Courant, and G.H. Hardy, making the series both historically rich and academically valuable.

New Arrivals of Books

Added during 07th July to 11th July 2025

New Arrivals
Now on Display

[List of New Arrivals](#) | [Library Online Catalogue](#) | [New Additions of Books](#)

Author of the Week

Jhumpa Lahiri was born in London and raised in Rhode Island. She is the recipient of a Guggenheim Fellowship, and author of two previous books. Her debut collection of stories, Interpreter of Maladies, was awarded the Pulitzer Prize, the PEN/Hemingway Award and The New Yorker Debut of the Year. Her novel The Namesake was a New York Times Notable Book, a Los Angeles Times Book Prize finalist and was selected as one of the best books of the year by USA Today and Entertainment Weekly, among other publications.
[Read more...](#)

Book of the Week

Title: Surprising science of meetings : how you can lead your team to peak performance
Author: Rogelberg, Steven G
Publisher: Oxford University Press, 2019
ISBN: 9780190689216
Call No: 658.456 ROG
Acc. No: 028184
[Read more...](#)

Lest You Miss!

We bring you here a few articles of general interest which otherwise you would have missed reading. Keep your headphones ready for some of them!

- AI and art collide in this engineering course that puts human creativity first
- Does AI actually boost productivity? The evidence is murky
- How we're rebuilding the Weizmann Institute — and our hopes for a better future
- Metascience can improve science — but it must be useful to society, too
- Publish or perish: An academic dilemma
- Rubbish years: how to boost lab group morale when world events crash in
- Scientific norms shape the behavior of researchers working for the greater good
- Scientists hide messages in papers to game AI peer review
- Should grant applicants judge competitors' proposals? Unorthodox approach gets two real-world tests
- The New Space Odyssey
- What makes a good AI prompt? Here are 4 expert tips

Brew Your Green Tea!



GROUP STUDY ROOMS



BUILDING PARTNERSHIP & INTERACTION

- » Developing collection in your area of academic & 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

Seek your expertise & assistance in any other way that you can help us

PLANS FOR IMMEDIATE FUTURE

- Furnishing New Library Space
- Exploring new avenues to engage with student community
- Adding more e-resources
- Web Scale Discovery Services- one point access
- Introducing e-books collections
- More sessions on finding, managing & using information
- Initiating virtual reference service
- Research data management services & many more...

LIBRARY COMMUNICATIONS

- ❑ Through Institute email
- ❑ Library Website <https://library.iitgn.ac.in/>
- ❑ Bulletin Boards in the Library
- ❑ Suggestion Box

❑ Social Media Handles:



❑ Ask A Librarian!

❑ Email us :

General: librarian@iitgn.ac.in
Library Acquisition : libraryacquisitions@iitgn.ac.in
Library Circulation: librarycirculation@iitgn.ac.in
Library Services: libraryservices@iitgn.ac.in

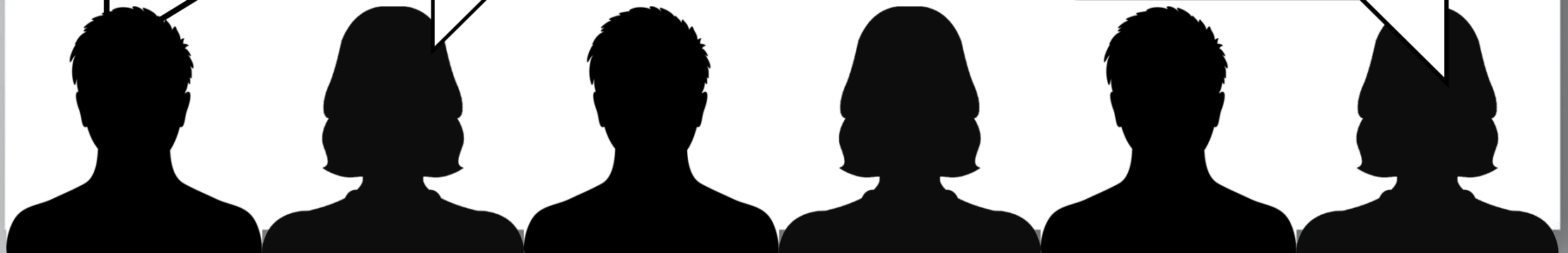
Tel: 079 2395 2431,
Ext: 1126, 1127, 1128, 1129, 2622, 2624

Feedback on Library by 2025 Medal Winners

Every staff of the library are kind, polite, and willing to assist students. Their enthusiasm and kindness helps student to approach the space in the first place.

Immensely. Having worked on a niche topic for my thesis, with limited resources in English, I must acknowledge the Library's contribution in my academic journey. They were quick and efficient to provide resources, the library loans were especially helpful for me.

The Library has played a crucial role in my academic journey. Its extensive collection of research literature and reference books greatly supported my studies, especially during my thesis work. Access to scholarly journals, databases, and academic resources helped me deepen my understanding of various subjects and strengthen the quality of my research. The supportive library staff and quiet study environment also contributed significantly to my learning.



Feedback on Library by 2025 Medal Winners

I love IITGN library.
Library is a temple of
study.

Dear Juniors, Make a daily habit
to spend atleast 30 minutes in the
library. The motivation comes
from seeing others at the library
and that motivation is infectious..

One of the most valuable library
services was access to a wide range
of journals and publications. The
availability of online databases and
interlibrary loan services also made it
easier to find and use relevant
academic materials efficiently.

Do not hesitate to Ask
the Librarian and Staff
when in need.



"To ask why we need libraries at all, when there is so much information available elsewhere, is about as sensible as asking if roadmaps are necessary now that there are so very many roads."



Jon Bing



Library Visit & Activity Sessions (In groups, 5 sessions)

23rd December (2 pm - 5 pm)

Please remember to bring your laptop, mobile phone, pen & water bottle

The **Entire** Library Team **Looks**
Forward **to** Collaborate **With**
You

Questions & Clarifications?