

2.3.1

TEACHING LEARNING PROCESS

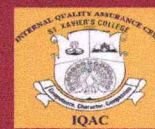
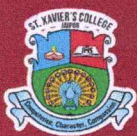
ICT-Enabled Tools: ICT- Virtual Labs e-Resources

Academic Years

2022-23 to 2018-19


Principal

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Nevta-Mahapura Road, Jaipur



ICT- Virtual Labs & e-Resources

ICT - Virtual Labs

S. No	Name of the Software	Web link	Department
1	Circuit Lab	Online circuit simulator & schematic editor - CircuitLab	Science
2	Amrita Lab	Amrita Vishwa Vidyapeetham Virtual Lab	Science
3	Virtual lab (IITH)	https://portal.coevlab.ac.in/vlab/auth/home?dept=9&lab=1	Science
4	NITTTR Chandigarh	https://fdp.nitttrchd.ac.in/backingup/partiprofile.php	Science
5	Sorceforge	https://sourceforge.net/u/shanmugasxcjpr/profile	Science
6	Amrita lab	Chemical Sciences : Amrita Vishwa Vidyapeetham Virtual Lab	Chemistry
7	Amrita lab	Qualitative Analysis of Carbohydrates (Self Evaluation) : Biochemistry Virtual Lab I : Biotechnology and Biomedical Engineering : Amrita Vishwa Vidyapeetham Virtual Lab	Zoology
8	Vlabs	https://www.vlab.co.in/broad-area-computer-science-and-engineering	Computer Science
9	Shakshat labs	https://ve-iitg.vlabs.ac.in/Communication%20Skill.html	English
10	Virtual Labs	https://www.vlab.co.in/ba-nptel-labs-computer-science-and-engineering	Computer Science
11	Virtual Labs	https://cl-iiith.vlabs.ac.in/	Computer Science



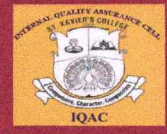
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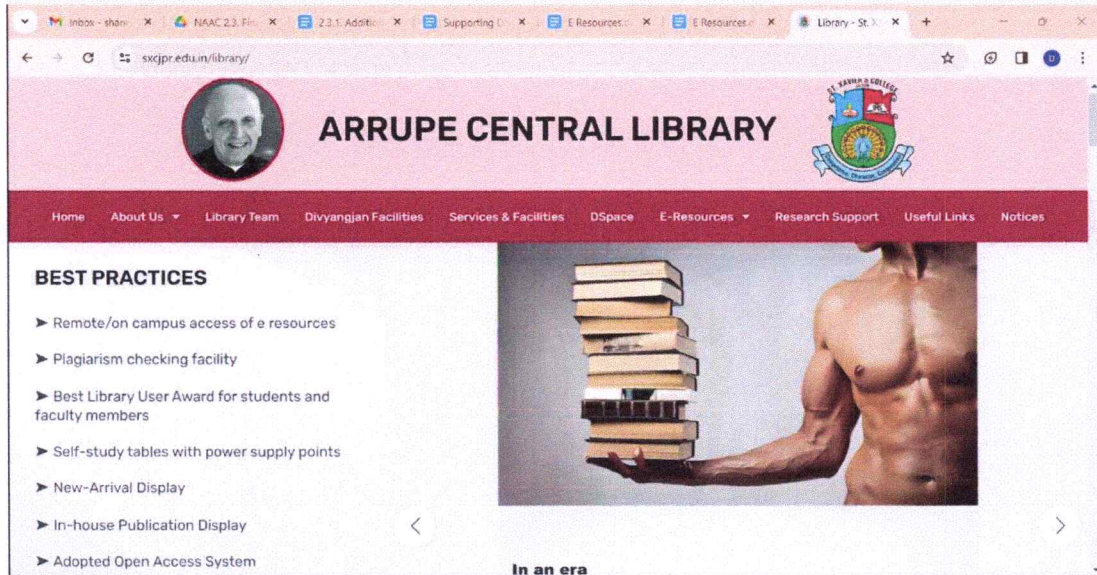
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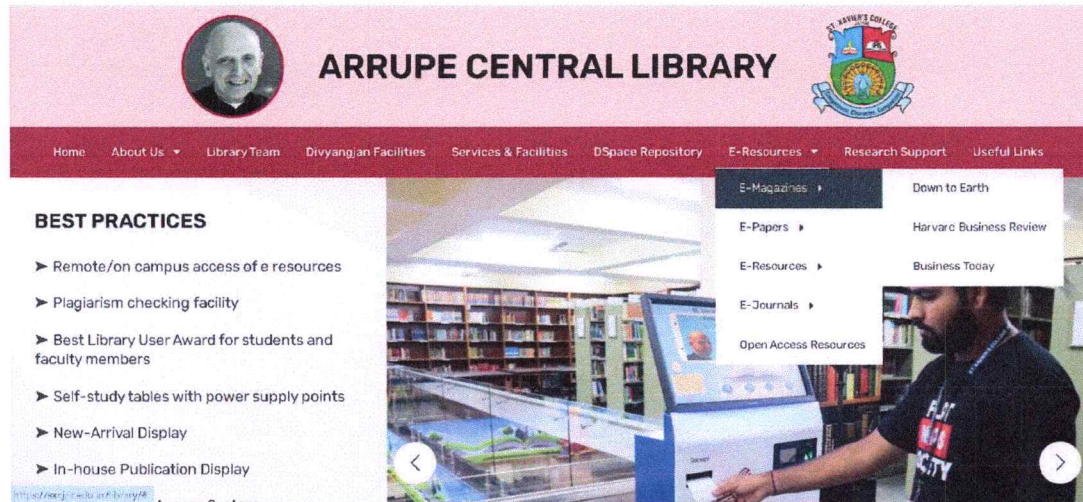


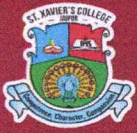
e-Resources

Library e-Resources Best Practices



Library e-Resources / e-Magazines: Down to Earth, Harvard Business Review, Business Today



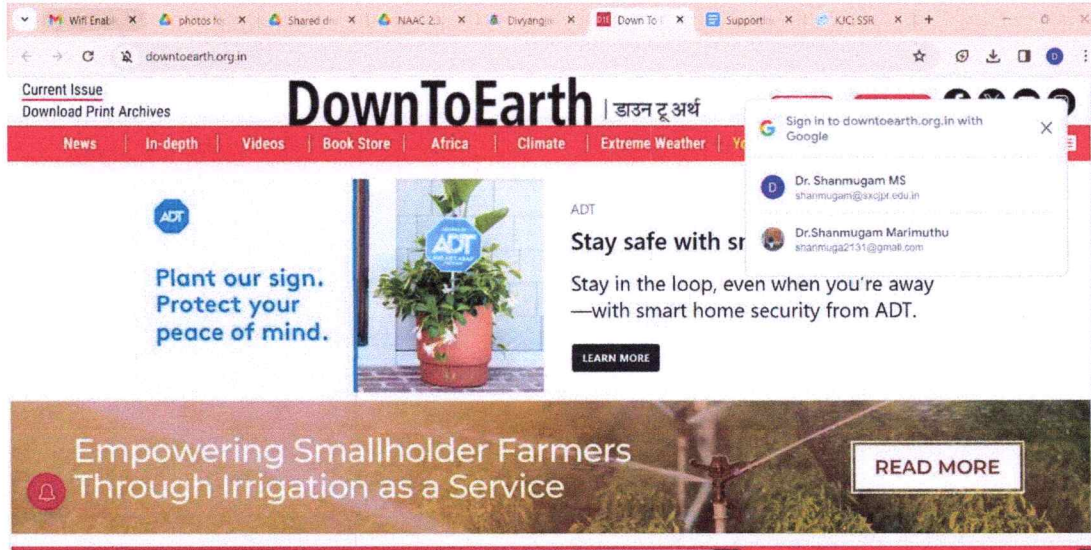


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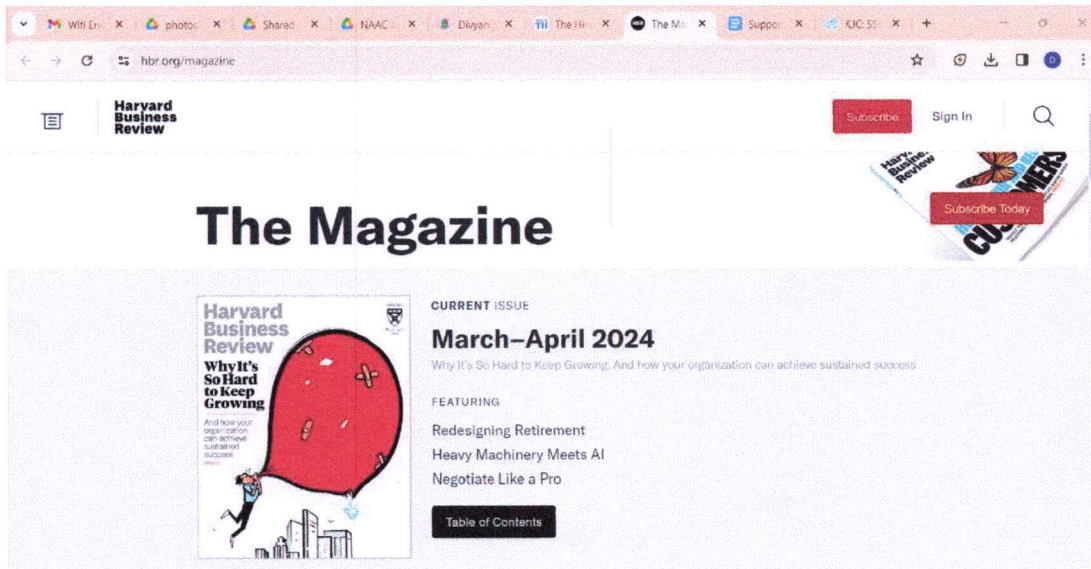
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Library e-Resources / e-Magazines: Down to Earth



Library e-Resources / e-Magazines: Harvard Business Review



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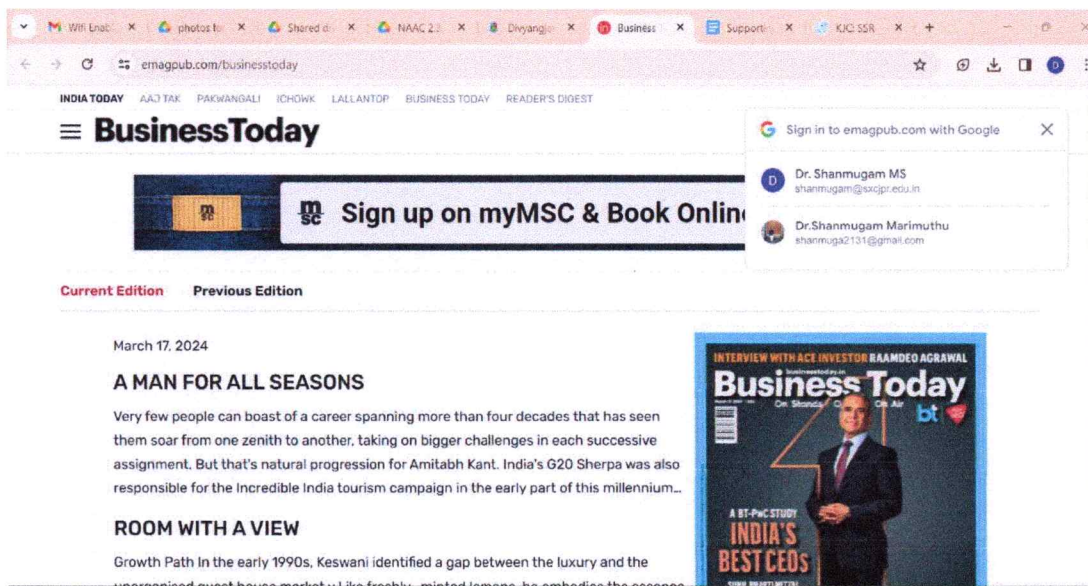


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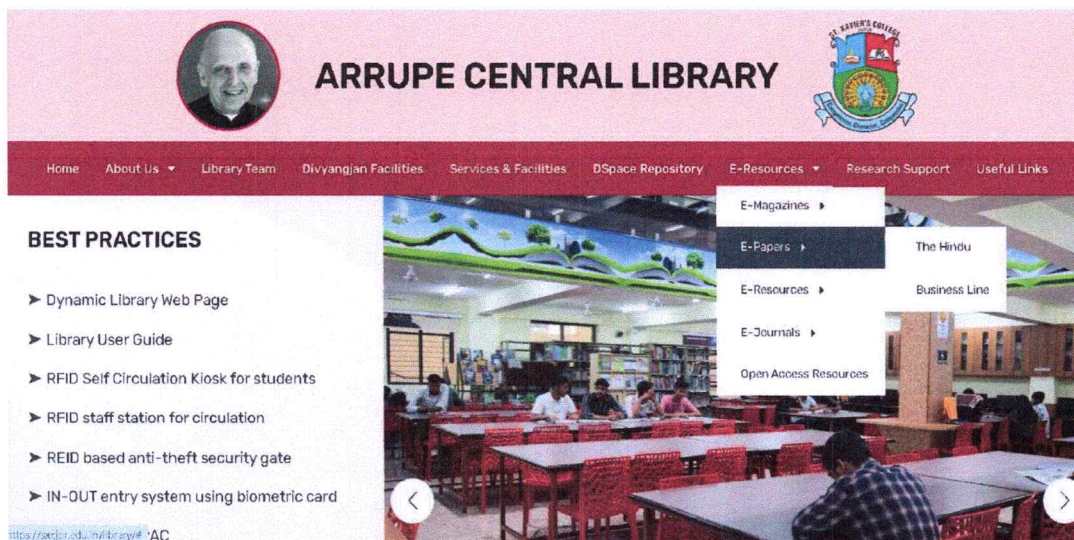
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Library e-Resources / e-Magazines: Business Today



Library e-Resources / e-Papers: The Hindu, Business Life



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Library e-Resources / e-Papers: The Hindu

The screenshot shows the e-paper interface for The Hindu. The main headline is "SC will hear petitions to stay CAA on April 9". Other visible headlines include "UN blames Israel for starvation in Gaza", "Ties epitomising neighbourhood first policy", and "Railways earned ₹1,230 cr. in 3 years". The interface includes navigation tabs for Front, States, News, Science, Edit, Text, Foreign, Business, Sports, and SpiSports.

Library e-Resources / e-Papers: Business Line

The screenshot shows the e-paper interface for Business Line. The main headline is "Strong demand, balance-sheets to galvanise economy: RBI". Other visible headlines include "Basmati exports set to cross the \$5-b mark in FY24" and "Net direct tax mop-up jumps 20% to ₹18.9-lakh cr in FY24". The interface includes navigation tabs for Front, News, AdPage, Markwatch, Think, Commodity, States, Back, and Stocks.



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Examples: e-Papers



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Library e-Resources: N-List, JSTOR, DELNET

ARRUPE CENTRAL LIBRARY

- Home
- About Us
- Library Team
- Divyangjan Facilities
- Services & Facilities
- DSpace Repository
- E-Resources
 - E-Magazines
 - E-Papers
 - E-Resources
 - N-List
 - JSTOR
 - DELNET
 - E-Journals
 - Open Access Resources
- Research Support
- Useful Links

BEST PRACTICES

- Remote/on campus access of e resources
- Plagiarism checking facility
- Best Library User Award for students and faculty members
- Self-study tables with power supply points
- New-Arrival Display
- In-house Publication Display

Library e-Resources: N-List

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

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

HOME ABOUT MEMBERS REGISTER E-RESOURCES SEARCH

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

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

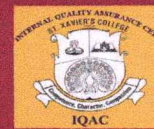
FOR PAYMENT RELATED QUERIES: info@atinflibnet.ac.in

FOR ACCESS RELATED ISSUES: collegeatinflibnet.ac.in



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Library e-Resources: N-List

The screenshot shows the N-List user profile page. At the top, there is a navigation bar with 'Your Account', 'Log Out', and 'Language' options. Below this is a search bar with a dropdown menu set to 'All Fields' and a 'Find' button. The main content area is titled 'Your Profile' and contains the following information:

- First Name:** [Redacted]
- Last Name:** [Redacted]
- Email:** shanmugam@xscjpr.edu.in

On the right side, there is a 'Your Account' sidebar menu with the following options:

- Saved Items
- Profile (highlighted)
- Saved Searches
- Log Out
- Your Lists
 - Saved Items
 - Create a List

Library e-Resources: N-List

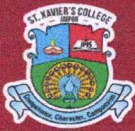
The screenshot shows the N-List search results page for the query 'nanocomposite'. The search bar at the top contains 'nanocomposite' and the results are sorted by 'Relevance'. The page displays the following information:

- Search:** nanocomposite
- Suggested Topics within your search:** Nanotechnology (51), Nanocomposites (Materials) (32), Materials science (25), Polymer Sciences (23), Polymers (23), Composite materials (18), Materials Science, general (18), [more](#)
- Search alternatives:** nanocomposite → [nanocomposites](#)
- Showing 1 - 20 results of 138 for search 'nanocomposite', query time: 0.09s**
- Sort:** Relevance
- Options:** Show QR Code, Save to List
- Narrow Search filters:**
 - Institution:** N-LIST Programme (138)
 - Format:** eBook (138), Electronic (102), Conference Proceeding (3)
 - Language:** [Filter]

The first search result is:

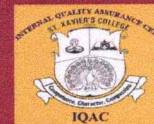
- 1** **Nanocomposites**
Published 2013
Subjects: "...Nanocomposites (Materials)..."
[Click to View](#)

Shanmugam
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Library e-Resources: N-List

The screenshot shows the N-List search interface. The search term 'nanocomposite' is entered in the search bar. The results page displays 'Suggested Topics within your search' including Nanotechnology (51), Nanocomposites (Materials) (32), Materials science (25), Polymer Sciences (23), and Polymers (23). A 'Narrow Search' sidebar on the right allows filtering by Institution (N-LIST Programme: 138), Format (eBook: 138, Electronic: 105, Conference Proceeding: 3), and Language. The first search result is 'Nanocomposites', published in 2013, with a subject of 'Nanocomposites (Materials)'. It is available in Electronic and eBook formats.

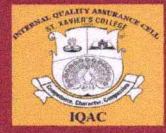
Library e-Resources: JSTOR

The screenshot shows the JSTOR homepage. The main heading reads 'Explore the world's knowledge, cultures, and ideas'. Below this is a search bar with the text 'Search journals, books, images, and primary sources'. The search bar has tabs for 'All Content' and 'Images', and an 'Advanced Search' link. The user's name 'Dr. Shanmugam MS' is visible in the top right corner.



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Library e-Resources: JSTOR

The screenshot shows the JSTOR search results page for the query 'materials Science'. The page displays 787,588 results. A 'Refine Results' sidebar on the left includes filters for 'ACCESS TYPE' (Everything, Content I can access), 'SEARCH WITHIN RESULTS', and 'CONTENT TYPE' (Academic content). The main results area shows a 'JOURNAL ARTICLE' titled 'MATERIALS SCIENCE: NEW HUE' from 'ASEE Prism, Vol. 30, No. 6 (MARCH + APRIL 2021), p. 10'. The article snippet discusses Paboco's thin plastic liner and mentions 'T.G. © Oregon State University MATERIALS SCIENCE...'. Action buttons for 'Read online', 'Save', and 'Cite' are visible.

Library e-Resources: DELNET

The screenshot shows the DELNET website homepage. The header includes the DELNET logo and navigation links for 'About Us', 'Membership', 'Services', 'Resources', 'Publications', 'Software Support', 'Programmes', 'Member Testimonials', and 'Contact Us'. A prominent banner features a circular logo celebrating '31 Years of Commitment' (1988-2019) and the text 'Access the Major Digital Library Resources in South Asia'. Below the banner are buttons for 'New Discovery Portal Login' and 'DELDRess Portal for Schools Login', along with a 'Latest Updates' link.

[Handwritten Signature]
Principal

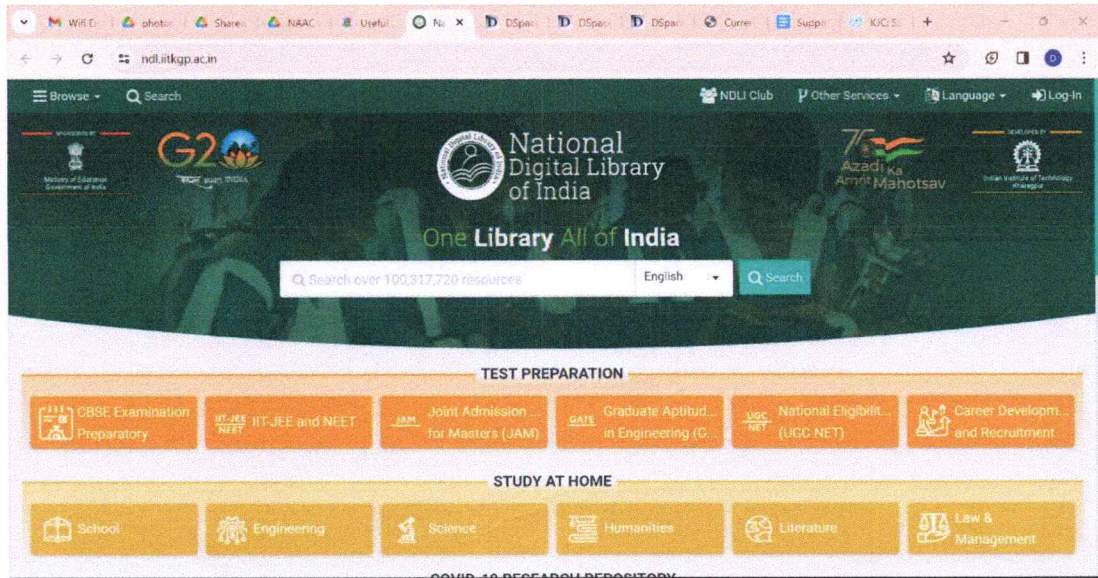


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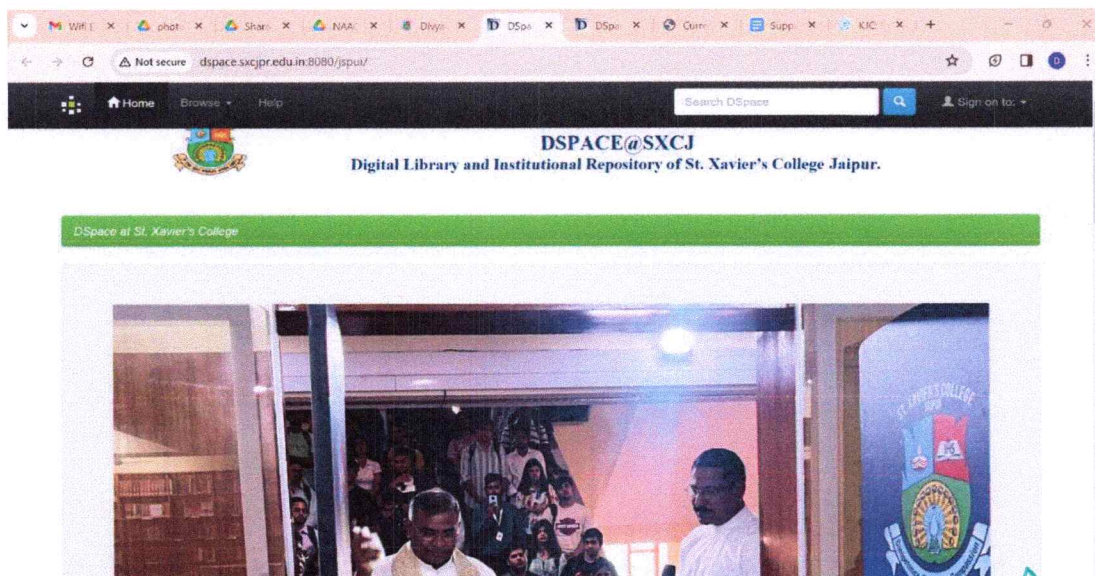
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e-Library / e-Resources / NDL



e-Library / e-Resources / NDL

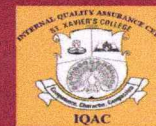


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Library e-Resources / List of e-Journals

ARRUPE CENTRAL LIBRARY

Home About Us Library Team Divyangjan Facilities Services & Facilities DSpace E-Resources Research Support Useful Links

DIVYANGJAN FACILITIES

- E-Magazines
- E-Papers
- E-Resources
- E-Journals**
 - Rajagiri-Management Journal
 - Indian Journal of Gender Studies
 - Indian Journal of Public Administration
 - Studies in People History
 - Translation Today
 - Gandhi Marg
 - Loyola Journal of Social Science
 - University News
 - Current Science
- Open Access Resources

• Kibo XS Device (for visually impaired people) is available in the Library. Kibo XS Device can be used to listen, translate, digitize and convert to audio (MP3 file) also.

• Ramp and sensor gate make entry in the library easily accessible.

Library e-Resources / List of e-Journals: Current Science

Search Q

Home

Online Workshop on Science Writing

Current Science has been organizing training workshops on science writing aiming to enhance the capacity of scientists and researchers to write different types of scientific articles, reviews, grant applications and project reports. The next online workshop on science writing will start on 21 April 2024 and end on 21 July 2024. Applications are invited from interested scientists, faculty and researchers in Indian institutions. Application form and more details on the workshop are available at: <https://www.currentscience.ac.in/workshop>

To make hands-on training, feedback and mentoring feasible, only 14 persons will be selected for the workshop. Registration fee: Rs 4000 to be paid on selection.

Last date for application: 10 April 2024

CURRENT SCIENCE
A Fortnightly Journal of Research
ISSN 0011-5891
Support Current Science

Volumes

We are in the process of updating the archives. To access the archives prior to 2021 please [click here](#).

Volume 126, 2024	Volume 94, 2008	Volume 62, 1992
Volume 125, 2023	Volume 93, 2007	Volume 61, 1992
Volume 124, 2023	Volume 92, 2007	Volume 60, 1991
Volume 123, 2022	Volume 91, 2006	Volume 59, 1990
Volume 122, 2022	Volume 90, 2006	Volume 58, 1989
Volume 121, 2021	Volume 89, 2005	Volume 57, 1988
Volume 120, 2021	Volume 88, 2005	Volume 56, 1987

Current Issue

Volume 126
Issue 5, 2024

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Library e-Resources: Useful Links

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Home About Us Library Team Divyangjan Facilities Services & Facilities DSpace E-Resources Research Support Useful Links Notices

USEFUL LINKS

- SHODHGANGA
- SHOHGANGOTRI
- OPEN EDUCATION RESOURCES
- SCIENCE DIRECT
- PROJECT GUTENBERG
- PUBMED
- OUR WORLD IN DATA
- SPRINGER OPEN
- OPEN TEXTBOOK LIBRARY
- CORE
- STATISTA
- DOWN TO EARTH

Library e-Resources: Useful Links

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USEFUL LINKS

- HARVARD BUSINESS REVIEW MAGAZINE
- THE HINDU EPAPER
- THE HINDU BUSINESSLINE EPAPER
- CITSEERX
- RAJAGIRI-MANAGEMENT JOURNAL
- INDIAN JOURNAL OF GENDER STUDIES
- INDIAN JOURNAL OF PUBLIC ADMINISTRATION
- STUDIES IN PEOPLE HISTORY



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Library e-Resources: Useful Links

The screenshot shows the homepage of the Arrupe Central Library. At the top, there is a navigation menu with items: Home, About Us, Library Team, Divyangjan Facilities, Services & Facilities, DSpace, E-Resources, Research Support, Useful Links, and Notices. The main content area is titled "USEFUL LINKS" and contains a list of links, each with a circular icon:

- LIBRARY WEB-OPAC
- BOOK REQUISITION FORM
- DSPACE INSTITUTIONAL REPOSITORY
- N-LIST
- DELNET
- NDL
- INDIAN ACADEMY OF SCIENCES
- SWAYAM
- DOAJ
- DOAB

e-Resources Library: Notice Board

The screenshot shows the "NOTICE BOARD" section of the Arrupe Central Library website. The page lists several notices with their dates and titles:

- January 26, 2024: Notice Regarding Submission of Issued Library Books 2024
- January 16, 2024: Notice Regarding Sage Journals Available Online 2024
- January 1, 2024: Notice Regarding Submission of Books Issued from Library 2023-24
- January 1, 2024: Notice Regarding Dynamic Library Webpage 2024
- January 1, 2024: Notice Regarding Online Access of Rajagiri- Management Journal 2023

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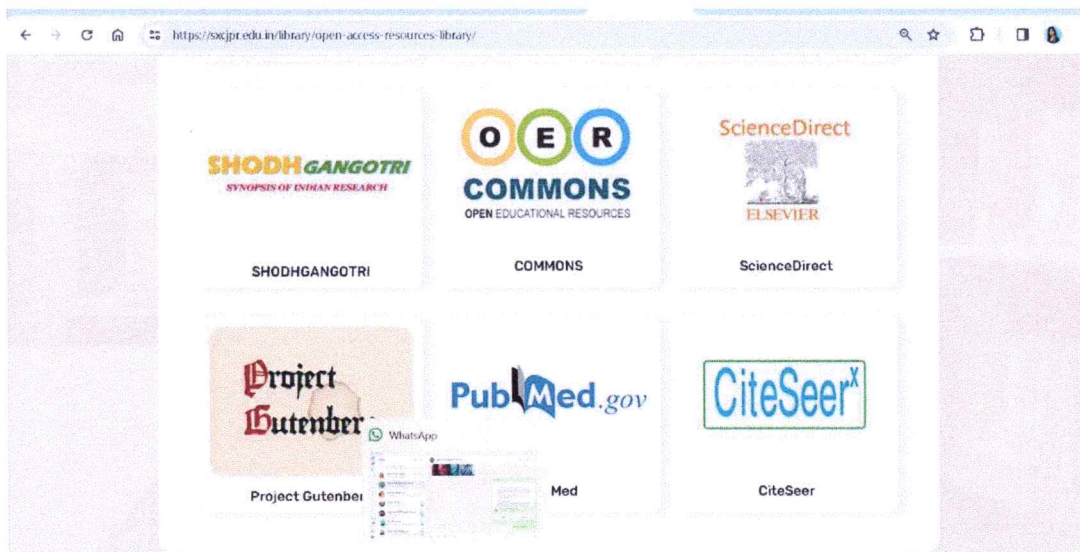


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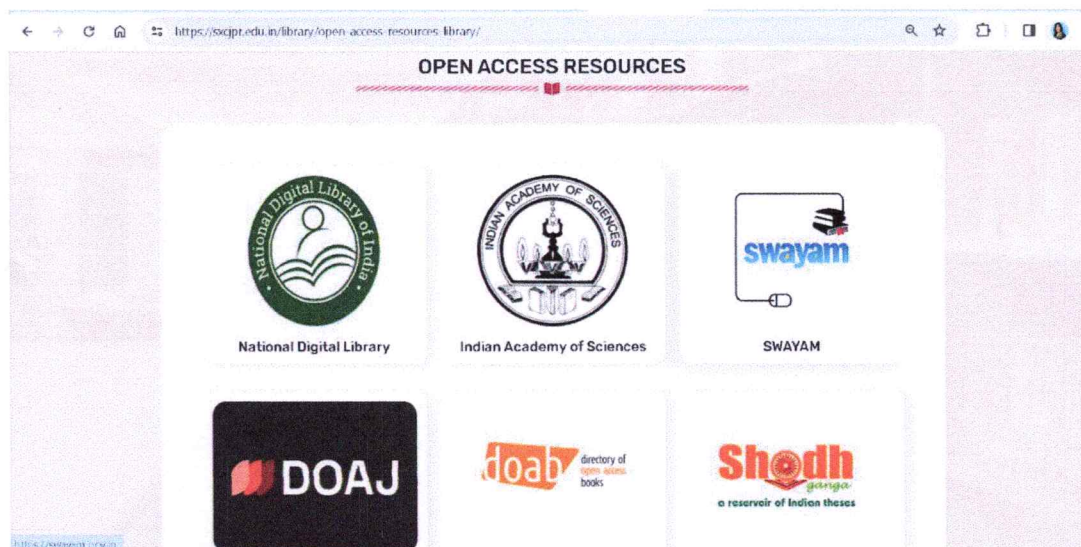
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Open Access Resources



Open Access Resources of Publications



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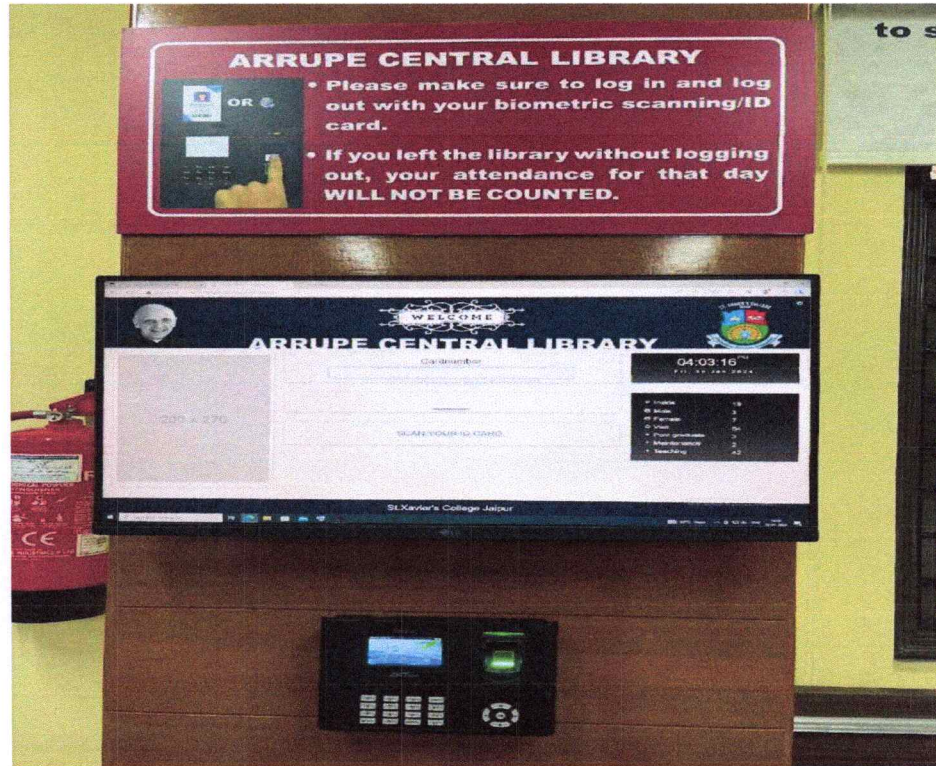


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Library portal Login: Student/Faculty




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QR Codes of e-Resources

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Library Services Through QR Codes




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NDL



E-MAGAZINE DTE



JSTOR



DELNET

Jaipur
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**E-PAPER
THE BUSINESS
LINE**



**E-PAPER
THE HINDU**



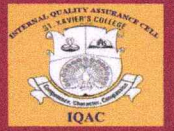
**OPEN ACCESS
E-RESOURCES
USEFUL LINKS**



**E-MAGAZINE
HARVARD
BUSINESS REVIEW**


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2.3.1

TEACHING LEARNING PROCESS

ICT-Enabled Tools and Resources: Kibo SX Device

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Kibo SX Device

angjan-facilities/



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DIVYANGJAN FACILITIES

- Kibo XS Device (for visually impaired people) is available in the Library. Kibo XS Device can Scan hardcopy (printed and handwritten) documents to listen, translate, digitize and convert to audio (MP3 file) also.
- Ramp and sensor gate make entry in the library easily accessible.

Features of Kibo XS Device

- **Text-to-speech Technology:** The device can convert written text into audible speech, allowing users to 'read' books, articles, handouts, and other printed materials independently.
- **Optical Character Recognition (OCR):** By simply placing a document or book under the Kibo XS camera, the device quickly scans and recognizes the text, which can be read aloud or saved for future reference.
- **Tactile Controls:** The device is equipped with tactile buttons and controls, ensuring easy navigation and operation for visually impaired users.
- **Integrated Audio Controls:** With Convenient audio controls, users can adjust the speech speed and volume and even select preferred voices to personalize their reading experiences.
- **Lightweight and Portable:** The Kibo XS Device is designed to be lightweight and compact, making it convenient for students to carry it around the library.




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ST XAVIER'S COLLEGE JAIPUR

Nevta - Mahapura Road, Jaipur - 302029, Rajasthan, India

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A Christian Minority Jesuit Institution

Ref: SXCJ/ACAD/LIBRARY/2023-24/1897

02-01-2024

Introduction of KIBO XS Device in the Arrupe Central Library

We are pleased to announce the introduction of the revolutionary Kibo XS Device, an innovative tool designed to enhance accessibility and support visually impaired students in their educational pursuits.

What is KIBO XS Device?

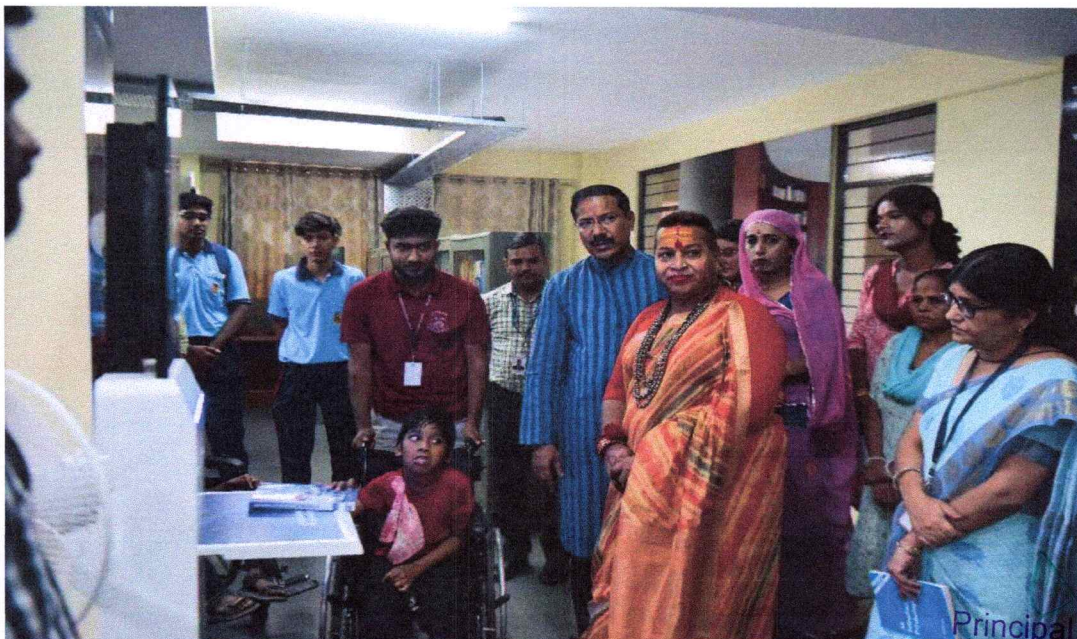
The Kibo XS Device is a state-of-art assistive device specifically designed to meet the needs of visually impaired individuals. It utilizes advanced optical character recognition (OCR) technology, text-to-speech capabilities and tactile interfaces to enable users to access and comprehend printed materials, making learning and research more accessible and engaging.


Key features of Kibo XS Device:

1. Text-to-speech technology: The device can convert written text into audible speech, allowing users to 'read' books, articles, handouts, and other printed materials independently.
2. Optical Character Recognition (OCR): By simply placing a document or book under the Kibo XS camera, the device quickly scans and recognizes the text, which can be read aloud or saved for future reference.
3. Tactile Controls: The device is equipped with tactile buttons and controls, ensuring easy navigation and operation for visually impaired users.
4. Integrated audio controls: With Convenient audio controls, users can adjust the speech speed and volume and even select preferred voices to personalize their reading experiences.
5. Lightweight and portable: The Kibo XS Device is designed to be lightweight and compact, making it convenient for students to carry it around the library.

Ref: SXCJ/ACAD/LIBRARY/2023-24/1898-1902

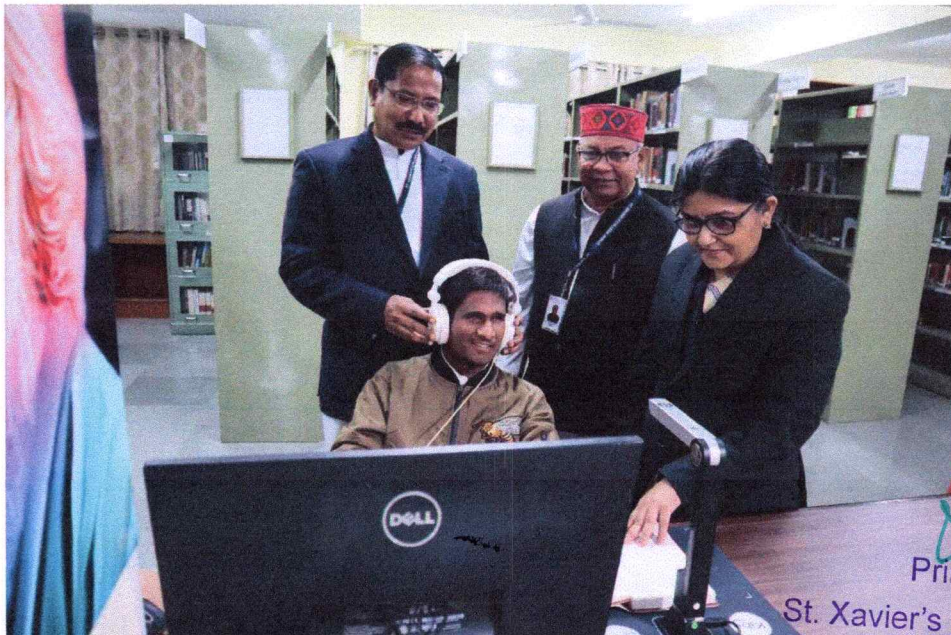
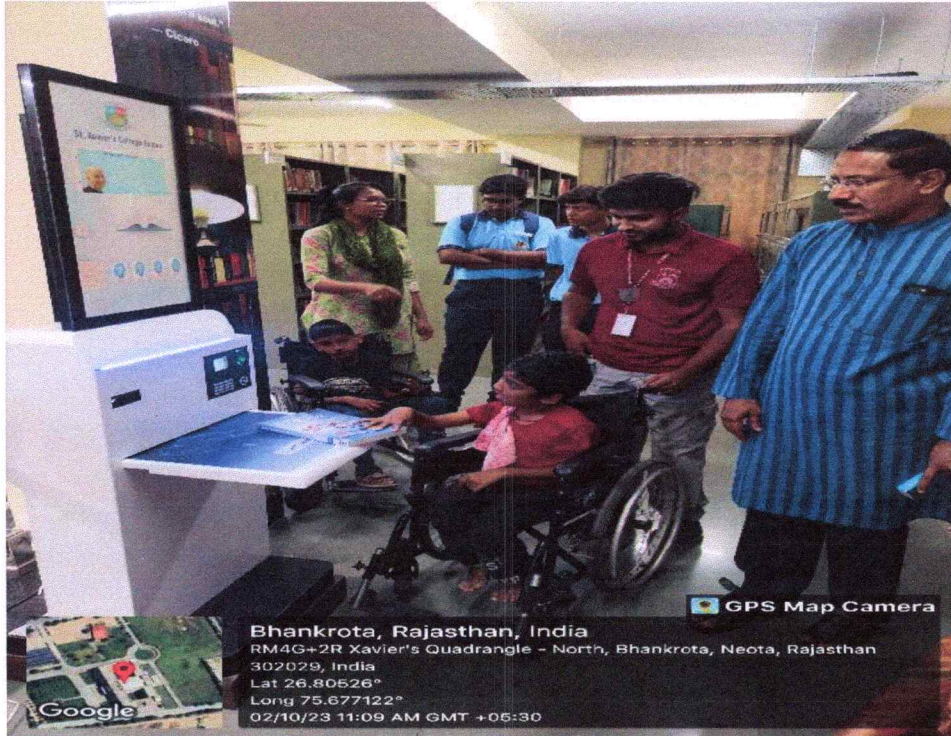

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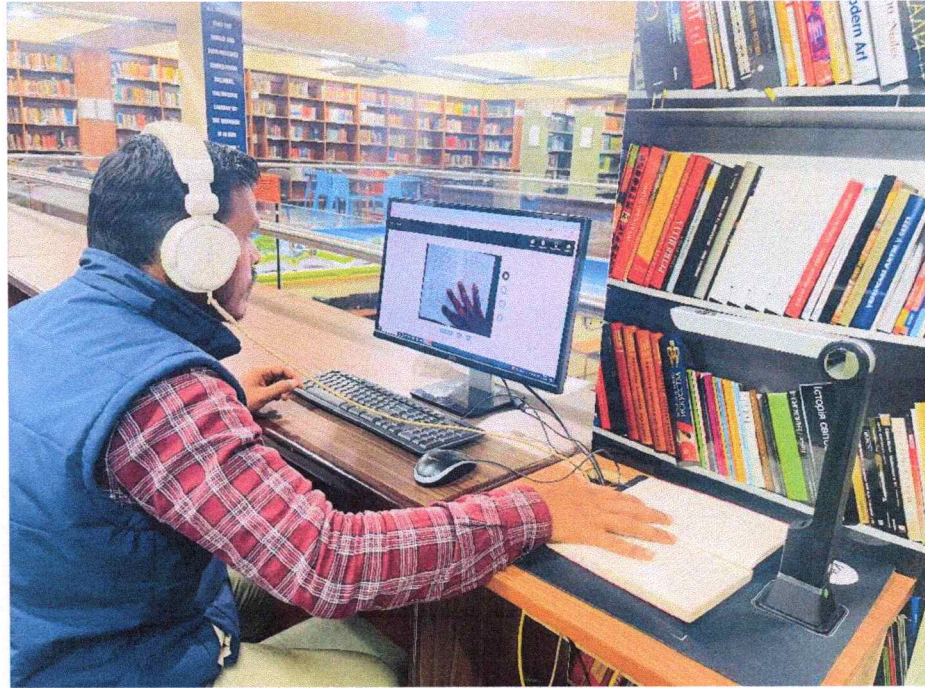


Tactile Controls

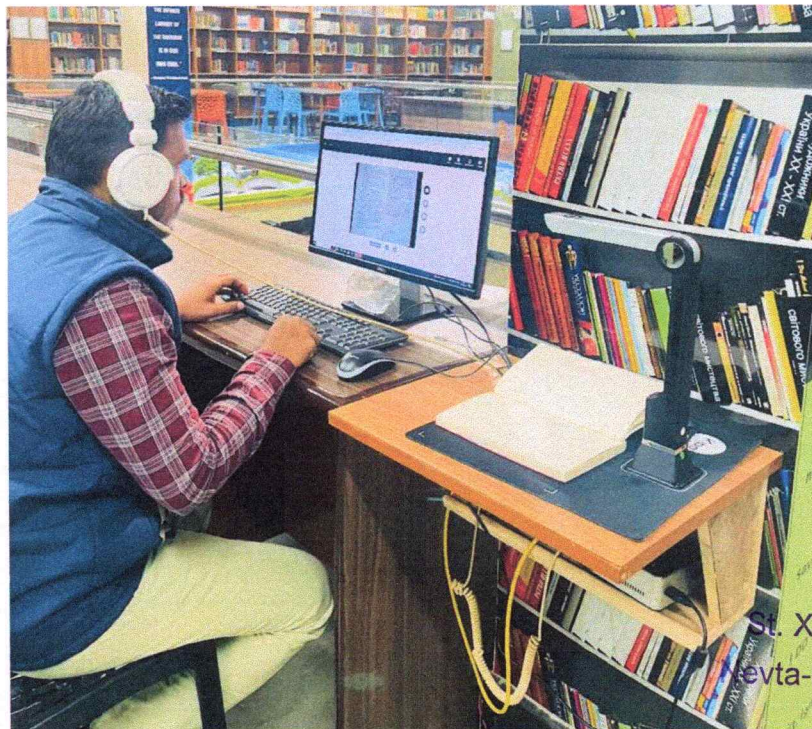


Jaipur
 Principal
 St. Xavier's College Jaipur
 Neva-Mahapura Road, Jaipur

Text to Speech Technology



Optical Character Recognition (OCR)




Principal

St. Xavier's College Jaipur
Nevta-Mahapura Road, Jaipur

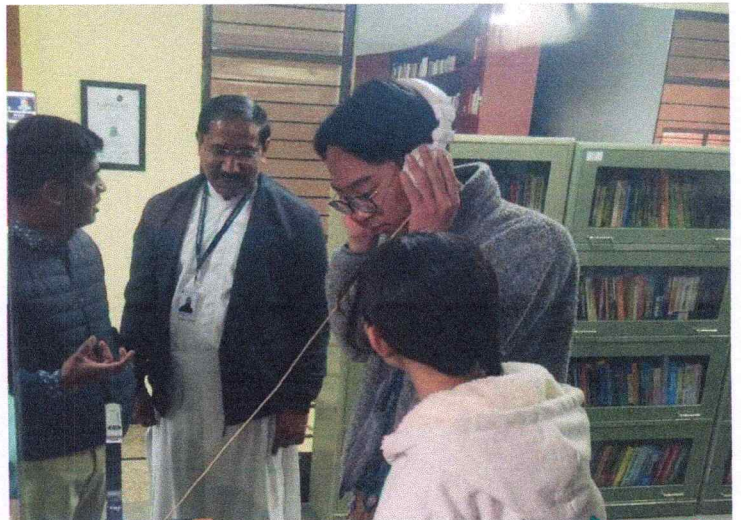
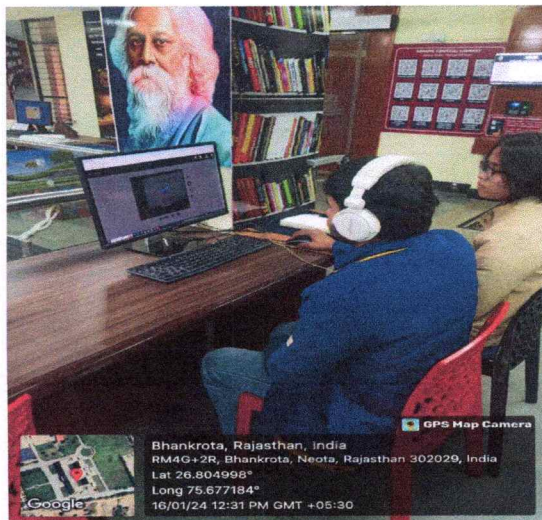
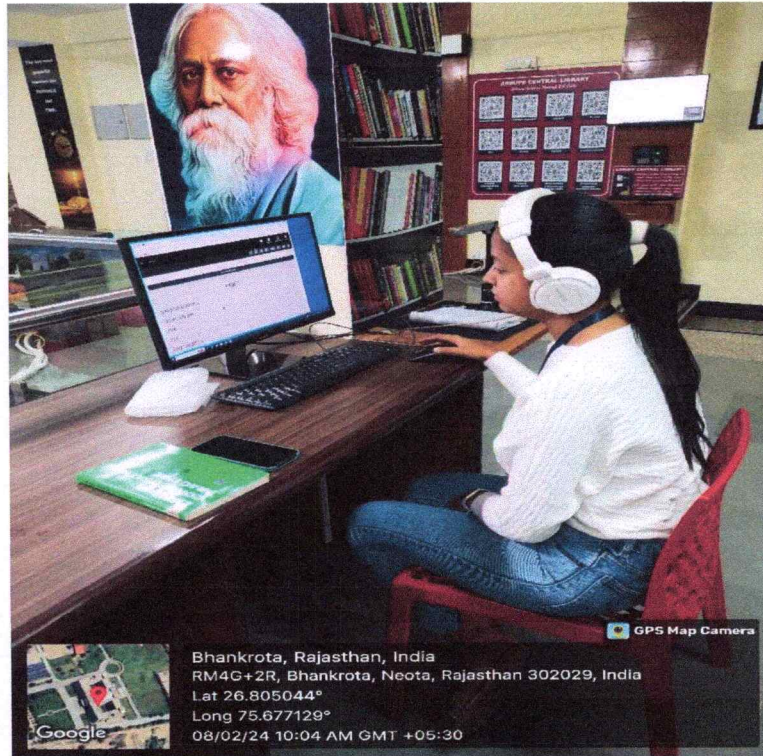


St. Xavier's College Jaipur

Affiliated to the University of Rajasthan Approved under Section 2(f) and 12(B) of UGC Act, 1956
A Christian Minority Educational Institution under Section 2(g) of NCMEI Act, 2004



Integrated Audio Controls



Principal *[Signature]*
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Neota-Mahapura Road, Jaipur