

National Institute of Science Education & Research Bhubaneswar

Annual Report

and

Audited Statement of Accounts



भारत 2023 INDIA



2022-2023

Central Library

"Libraries always remind me that there are good things in this world" - Lauren Ward

The central library stands as an exceptional knowledge center, providing access to a wide range of vital and specialized information resources, along with various services, to cater to the ever-expanding information requirements. With a mission to enhance and facilitate discovery, the library optimally utilizes its resources. The students, faculty members, and institute employees all have the privilege of utilizing the library's facilities to support their academic and professional endeavors.

The library building spans an impressive carpet area of 60,000 square meters and boasts a prime location at the heart of the campus. It houses an extensive collection encompassing Biology, Chemistry, Mathematics, Physics, Earth & Planetary Sciences, Humanities, and Computer Sciences. The central library occupies the first and second floors of the building, providing a fully operational space for users. With a substantial seating capacity, it can accommodate up to 400 individuals simultaneously, facilitating a conducive environment for studying and research.

Library Operational Hours:

Monday to Sunday	9.00 AM to 9.00 PM
Institutional Holidays	9:00 AM to 5:30 PM

Library at a Glance:

The total collection of the central library as of 31st March 2023 stands as follows:

Type of Resources	Volume
Purchased Books	24601

Gratis Books	1817
Bound Journal Volumes	573
E-Books	10141
Electronic Databases (Bibliographic)	6
Electronic Databases (Full-Text)	25
Electronic Journals	8593
CD/DVD	224
Theses and Dissertations	361
Newspapers	06
Magazines	20
Hindi Collection	253
Odia Collection	216
Children's Collection	297

Magazines & Newspaper:

The Central Library makes every effort to expand academically by procuring a wide range of renowned magazines and newspapers. These resources have been carefully selected, so users can enhance their learning experience outside of textbooks with up-to-date information on current events as well as research in various disciplines. The following information outlines these sources:

Newspapers: The Samaj (ସମାଜ), The Sambad (ସମ୍ବାଦ), The Hindu, The New Indian Express, The Times of India and Dainik Jagaran (दैनिक जागरण).

Magazines: India Today, The Week, Outlook, Sportstar, Time, Yojana, Frontline, Champak, The Economist, Science Reader, Discover India, Reader's Digest, Magic Pot, Tinkle, Highlight Champ, Highlight Genies, Tell Me Why, Magic Read & Colour, Student Edge, Bhavana, and Physiotimes.

Books (print) were added during FY 2022-23: 779 books in the print format during FY 2022 - 23.

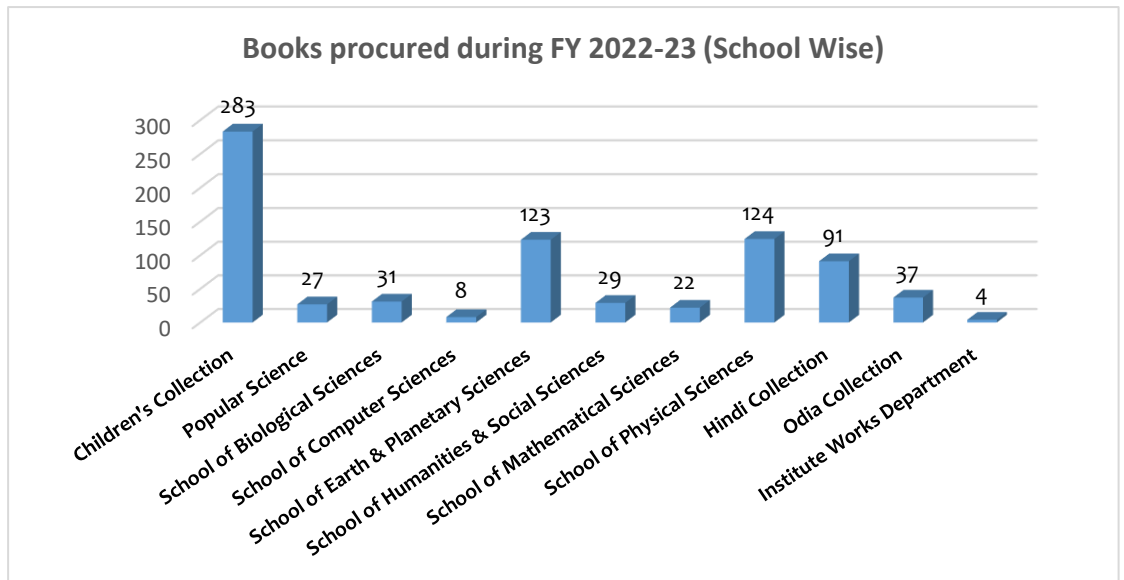


Fig. 1: Number of books (print) added in FY 2022-23

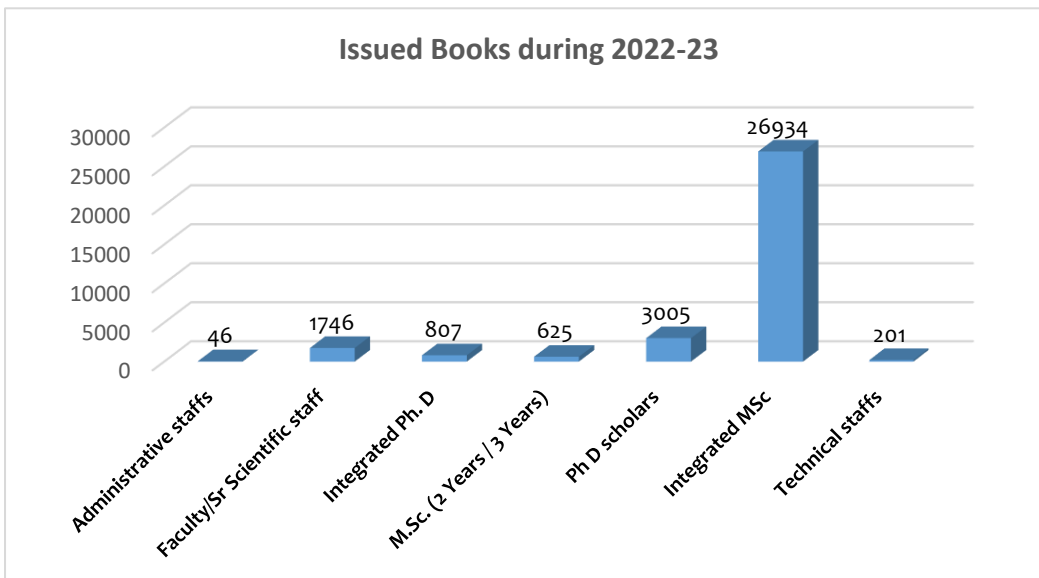


Fig. 2: Issued books statistics patron category wise during 2022-23

Usage Statistics:
The diagram illustrates the utilization statistics of different resources within the central library, accessed by varying individuals from the institute.

Newly added patrons' statistics:
Central library has welcomed a significant number of new members who have recently joined the institutes. The accompanying diagram provides insights into the various categories of membership that have been added.

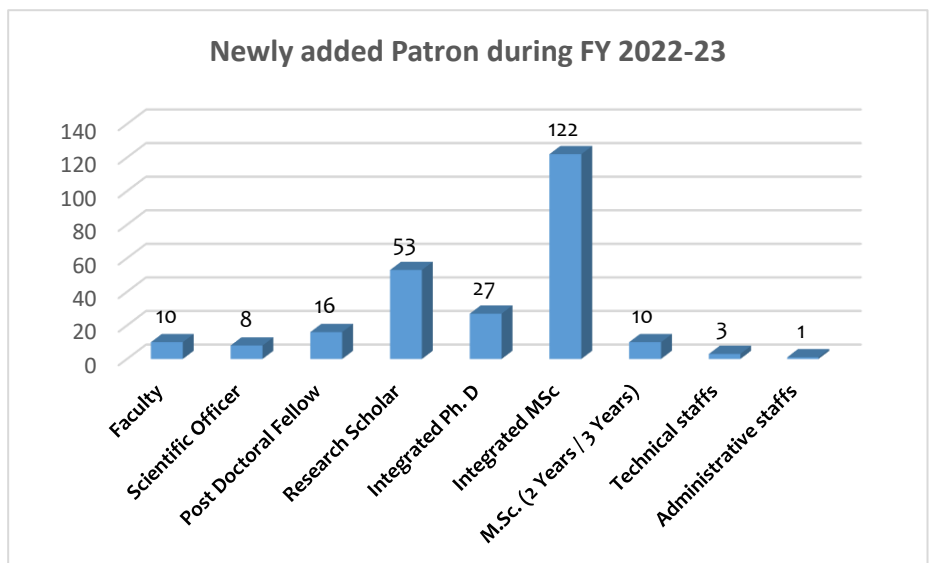
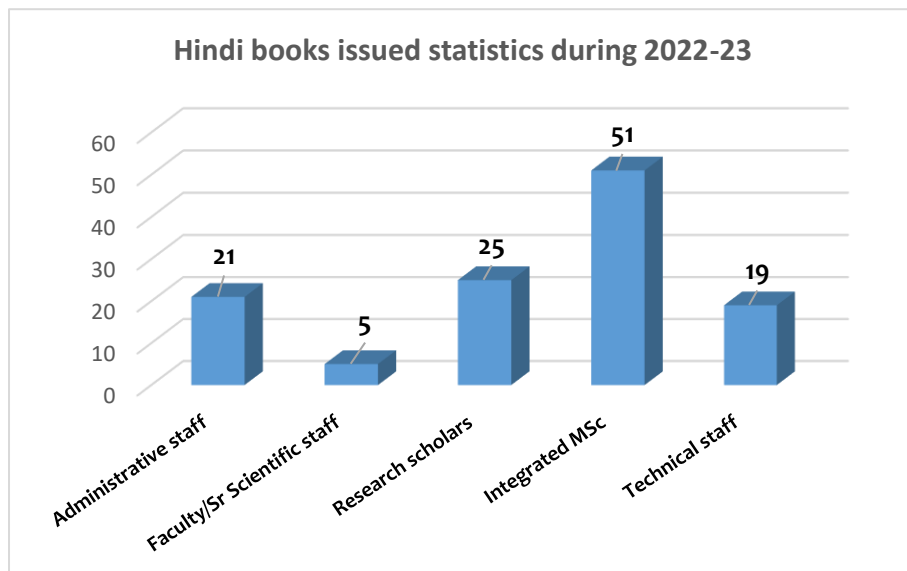


Fig. 3: Newly added patrons' statistics during 2022-23



Hindi Books Issued: The central library possesses a substantial compilation of literary works written in the Hindi language. The diagram illustrates the utilization statistics of Hindi resources within the central library, accessed by varying individuals from the institute.

Fig. 4: Hindi books usage statistics during 2022-23

Electronic Resources:

Databases (Bibliographic Databases):

- CCDC – CSD Enterprise License (CCDC)
- MathSciNet (AMS)
- Science of Synthesis (Thieme)
- Scientific American (Springer)
- SciFinder-n (CAS- ACS)
- Synthetic Reaction Updates (RSC)

e-Journals:

- American Association for Cancer Research
- American Association for the Advancement of Science
- American Chemical Society
- Association for Computing Machinery
- American Economic Association
- American Institute of Mathematical Sciences
- American Institute of Physics
- American Mathematical Society
- American Metrological Society
- American Physical Society
- American Society for Microbiology
- Annual Reviews
- Bentham
- Bioscientifica
- BMJ
- Cambridge University Press
- Canadian Mathematical Society
- Cold Spring Harbor Laboratory Press
- De Gruyter
- Duke University Press
- EDP Sciences

- Elsevier (Through DAE Consortium)
- Emerald
- European Mathematical Society
- IEEE
- IMPAN
- IOP Publishing
- IOS Press
- John Hopkins University Press
- Journal of Visualized Experiments
- JSTOR
- Lippincott Williams & Wilkins
- Mary Ann Liebert
- Mathematical Science Publishers
- Optical Society of America
- Oxford University Press
- PNAS
- Rockefeller University Press
- Royal Society of Chemistry
- SAGE Publishing
- Society for Industrial and Applied Mathematics
- Springer Nature
- Taylor and Francis
- The Company of Biologists
- The Geological Society of America
- The University of Chicago Press
- Thieme Medical Publication
- Wiley
- World Scientific

e-Books (Perpetual Access):

- Cambridge University Press (8 titles)
- Elsevier (561 titles)

- Oxford University Press (1 title)
- Pearson (8 titles)
- Springer Link (9567 titles)
- Taylor & Francis (4 titles)

Research Support Tools:

- Ithenticate (Turnitin) - Originality/ Plagiarism check software
- Grammarly - Writing support tool
- Web VPN – Off campus access of e-resources through NISER
- Mendeley, Zotero, and RefWorks quick start guides

Library Services:

The Central Library offers the following services:

1. Circulation (Issue, Return, Renewal & Reservation)
2. RFID integrated Kiosk and Book dropper for Self-Check-out and Check-in
3. Web-OPAC (: <https://opac.niser.ac.in/>)
4. Reference and Information Services
5. User Awareness Program
6. Technical Processing of books Purchased through contingency grants
7. Plagiarism Check – iThenticate
8. Overnight Book Lending
9. Current Awareness Service
10. Document Delivery Services
11. Hindi & Odia Collection
12. User Guides
13. Ask Librarian
14. Screen Reader: The Library has purchased the JAWS software. A computer screen reader program allows blind and visually impaired users to read the screen with a text-to-speech output or a refreshable Braille display.
15. Trial Access
 - De Gruyter (Complete Journal Package 200+ Journals Collection): 1st June 2022 to 30th June 2022
 - Springer Nature (1700+ Journals Collection of Multidisciplinary Subjects): 2nd June 2022 to 2nd July 2022
16. Publications & Citations data from Scopus

17. Institute Newsletter: Vibes (Bi-Annual)
18. Information & News Casting
19. Library Website: The Library homepage serves as an integrated interface of all services available from the Library. (<https://www.niser.ac.in/library/>)
20. Institutional Digital Repository: It is a digital service that collects, preserves, and distributes digital material. IDR plays an essential role in preserving an organization's legacy; they facilitate digital preservation and scholarly communication.
21. Indian Research Information Network System (IRINS): The portal showcases comprehensive profiles of faculty members and scientists, along with their publications and corresponding citations, among other pertinent information.
22. Popular Science Section: The newly setup Popular Science Section presents an optimal environment and an array of resources tailored for casual readers. Within this collection, the reading materials elucidate scientific concepts and unveil discoveries in a captivating and easily comprehensible manner. This initiative aims to offer a well-deserved respite to library users, who predominantly engage with scientific, technical, and scholarly literature throughout their reading endeavors.
23. Children's Library: The Children's Library, designed to ignite the spirit of discovery and exploration in young minds. This vibrant space offers a refreshing escape from the digital realm, enabling children to actively engage with a diverse range of subjects and topics. Through this initiative, the library seeks to foster a love for learning and provide an enriching experience for children.
24. Subject Guides (All Schools)
25. Library Brochure: The library brochure is designed to discover a world of knowledge, immerse yourself in a captivating journey as you explore the diverse resources, services, and facilities NISER library offers. With a wealth of information at your fingertips, this brochure acts as a guide to unlocking endless possibilities.

Infrastructure Facilities:

- AC reading area with a seating of 400 users at a time
- CCTV Surveillance
- Central Board Room
- Conference Room
- Cashless Payment through UPI (Late fee collection)
- Computers for e-resource access
- Wi-Fi Connectivity
- Silent Zone
- E-Reading Section
- Children’s Library
- Popular Science Section
- Scholar’s Zone

Inter Library Loan and DDS facility:

Libraries may not always have the resources to meet all of their users' needs. To address this issue, Inter Library Loan services can be utilized. Our primary objective is to facilitate a seamless and expedient process for obtaining the necessary materials in order to support our user community's educational and research endeavors.

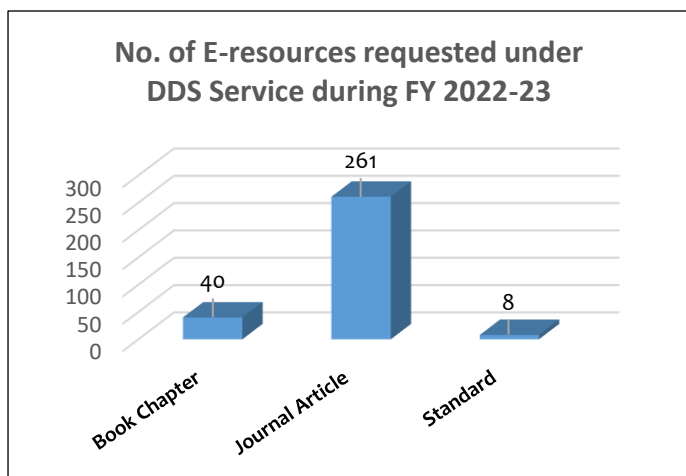


Fig. 5: ILL & DDS service statistics during 2022-23

Thesis and Dissertations Submission Statistics:

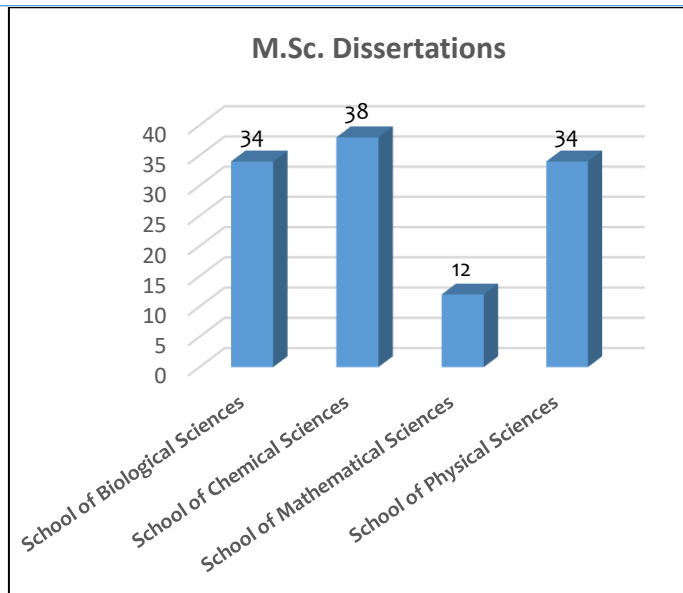


Fig. 6: MSc. dissertations submitted during 2022-23

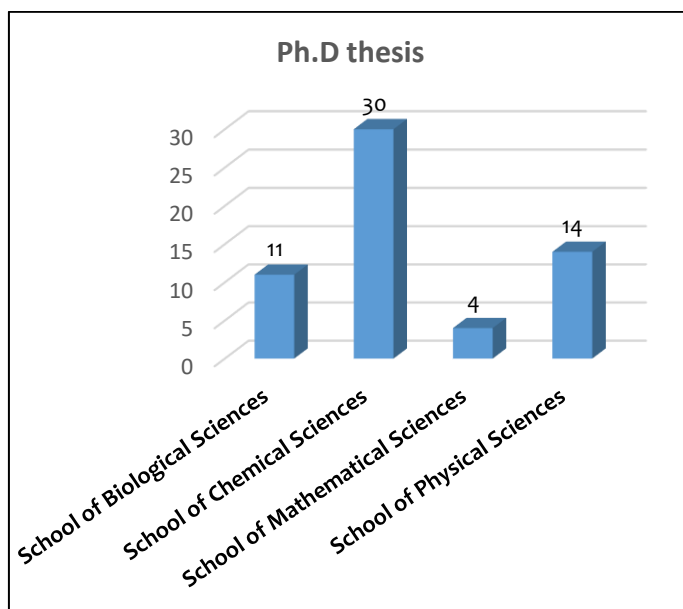


Fig. 7: Ph.D. thesis submitted during 2022-23

Library Events:

During Utkal Divas (1st April 2022) celebration, the Central Library organized an exhibition of Odia literature books to celebrate the rich culture and heritage of Odisha, which was presented to all Library patrons.