

LIBRARY INSIGHTS

TEAM LIBRARY

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The National Science Digital Library

The National Science Digital Library (NSDL) is a free online portal that provides high-quality educational resources for teaching and learning in science, technology, engineering, and mathematics (STEM) fields. It primarily serves K–16 education, including students, teachers, and researchers.

Key Features of NSDL:

- **Rich Repository:** Offers a vast collection of educational materials, including lesson plans, simulations, videos, and primary source documents.
- **Diverse Disciplines:** Covers STEM disciplines and supports interdisciplinary learning.
- **Target Audience:** Designed for use by educators, students, and the general public.
- **Search and Discovery:** Advanced search tools help users find resources by topic, grade level, or type.
- **Open Access:** Most resources are freely accessible and curated for quality.

Access NSDL:

Visit the official website at <https://nsdl.oercommons.org/>

It is a valuable resource for enriching STEM education and promoting innovative teaching practices.

Library Team wants you to know...

Dear Patrons,

Library Team wants you to know that if you want to stay ahead of the curve with details of the latest developments in your field, **journals and magazines** are the best sources of information. Library at ATMIYA University Rajkot subscribes to 127+ print journals and magazines - be it subject specific or of general interest. These can be borrowed by faculty members, staff, research scholars and students, two loose issues at a time for 2 days. The older journals with high quality, peer reviewed content are preserved as a **bound volume** and can be accessed for academic and leisurely reading. In addition, Library also subscribes to 265+ **e-journals** available to the AU community using institute network or remote access solutions. So next time, while borrowing books, feel free to borrow one or two journals and magazines along with it.

Happy Reading!



UPCOMING EVENTS IN December 2024

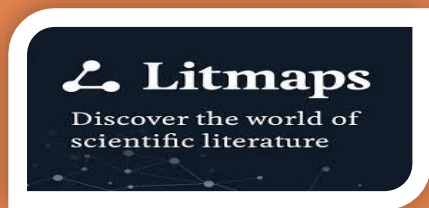
Book Talks

Book Exhibitions

Day celebrations

Library Usage Statics : 2023

- Books Transaction : 19804 Books issued/ returned
- Reading Room : 256509 Readers are used the reading room
- E-Library Usage : 20295 users used the e-library
- Article Requests : 14458 Articles downloaded



DID YOU NOW?

Litmaps

Litmaps is a powerful online platform designed to help researchers stay updated with the latest academic literature and visualize connections between research papers. It serves as a dynamic tool for tracking scientific publications and understanding the relationships within a research field.

Citation Mapping: Visualizes citation networks, showing how papers are interconnected.

Helps identify influential works and emerging trends in a field.

Personalized Notifications: Tracks new publications related to a user's area of interest and alerts them in real time.

Interactive Graphs: Users can explore research relationships using interactive, customizable graphs.

Search Integration: Connects with databases like CrossRef and PubMed for comprehensive literature searches.

Collaboration Tools: Allows researchers to share citation maps with colleagues and collaborate on projects.

Streamlined Workflow: Compatible with reference management tools like Zotero and Mendeley for seamless integration.

Litmaps is ideal for researchers aiming to streamline their literature reviews, uncover hidden connections, and stay informed on the latest developments in their fields. Sign up at <https://www.litmaps.com>

E- resource: Worth exploring Trending articles on IEEE

L. Chen, P. Chen and Z. Lin, "Artificial Intelligence in Education: A Review," in IEEE Access, vol. 8, pp. 75264-75278, 2020, [doi:10.1109/ACCESS.2020.2988510](https://doi.org/10.1109/ACCESS.2020.2988510).

keywords: {Education;Technological innovation; Learning (artificial intelligence); Microcomputers;Robots;Education;artificial intelligence;learner},

Z. Siddiqui et al., "Dual-Band Dual-Polarized Planar Antenna for 5G Millimeter-Wave Antenna-in-Package Applications," in IEEE Transactions on Antennas and Propagation, vol. 71, no. 4, pp. 2908-2921, April 2023, [doi:10.1109/TAP.2023.3240032](https://doi.org/10.1109/TAP.2023.3240032). keywords: {Antennas;Bandwidth;Dual band;Antenna feeds;5G mobile communication;Microstrip antennas;Microstrip;Aperture-coupled;base station antenna;stacked patch;stripline-fed antenna},

"IE Celebrating Quality Open Access Publishing,"

D. Abbott and J. Mahoney, "A Decade of IEEE Access," in IEEE Access, vol. 11, pp. 57097-57098, 2023,

[doi:10.1109/ACCESS.2023.3279628](https://doi.org/10.1109/ACCESS.2023.3279628).

M. S. Rana, M. N. Nobi, B. Murali and A. H. Sung, "Deepfake Detection: A Systematic Literature Review," in IEEE Access, vol. 10, pp. 25494-25513, 2022, [doi: 10.1109/ACCESS.2022.3154404](https://doi.org/10.1109/ACCESS.2022.3154404).

keywords: {Videos;Information integrity; Measurement;Faces;Deep learning; Computational modeling;Web pages; Deepfake detection;video or image manipulation;digital media forensics; systematic literature review},

Shikshapatri 200th anniversary: by Bhagwan Swaminarayan



The Shikshapatri, a sacred scripture of the Swaminarayan Sampradaya, marks its 200th anniversary in 2024. Authored by Bhagwan Swaminarayan in 1826, the Shikshapatri comprises 212 verses offering moral, ethical, and spiritual guidance for daily life. It emphasizes virtues like truthfulness, non-violence, compassion, and devotion, appealing to individuals from all walks of life.

This milestone is celebrated with devotion, seminars, exhibitions, and public readings, highlighting its enduring relevance. The scripture, preserved at institutions like Oxford University, reflects timeless values fostering harmony and spirituality in contemporary times. Its bicentenary underscores its global spiritual and cultural significance.

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