

LIBRARY INSIGHTS

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PubChem

PubChem is a free, publicly accessible database maintained by the National Center for Biotechnology Information (NCBI), a part of the U.S. National Institutes of Health (NIH). It provides information on the chemical structures, properties, and biological activities of small molecules. PubChem is widely used by researchers, scientists, and students for chemical data and is an essential resource for drug discovery, chemistry, and biology research.:

Key features of PubChem include:

- **Chemical Information:** PubChem contains detailed information on millions of chemical compounds, including their molecular structure, formula, weight, and properties like solubility, melting point, and toxicity.
- **Bioactivity Data:** It offers insights into the biological effects and interactions of chemical substances, useful for understanding drug mechanisms and biochemical processes.
- **Compound Search:** Users can search for compounds based on name, structure, formula, or molecular weight, making it easy to find specific chemicals.
- **3D Structures and Models:** PubChem provides 3D molecular structures, which can be used for visualization and analysis in various scientific applications.
- **Safety and Regulatory Information:** PubChem includes data on the safety, regulatory status, and environmental impact of chemicals, aiding in compliance and risk assessment.
- **Integration with Other Databases:** PubChem is linked to other resources like PubMed and the Protein Data Bank, providing a comprehensive view of chemical, biological, and medical information.

Researchers can download data, explore chemical pathways, and use PubChem's tools for cheminformatics, drug design, and more. <https://pubchem.ncbi.nlm.nih.gov/>

Library Services:- “Author of the Month”

The "Author of the Month" service highlights a specific author each month to promote their works, often in libraries or educational settings. It typically involves:

Display and Promotion: Featuring the author's books, articles, or works in a dedicated section.

Author Information: Providing biographical details, notable achievements, and writing style insights.

Interactive Activities: Organizing book readings, discussions, or workshops around the author's works.

Digital Content: Sharing articles, videos, or interviews related to the author through newsletters or social media.

This service encourages reading, raises awareness of different authors, and fosters a connection between readers and literature.

Happy Reading!



UPCOMING EVENTS IN October 2024

Book Talks

Book Exhibitions

Day celebrations

Library events September 2024

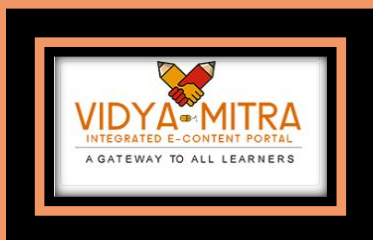
[Book Exhibitions](#)

[Hindi Day Celebration](#)

[Engineers Day Celebration](#)

New Arrivals Books in
the Library

- [Psychology Book](#)
- [ICAI Book](#)



DID YOU NOW?

VIDYA-MITRA

Vidya-mitra is an online learning portal for all the e-content projects developed under the NME-ICT (National Mission on Education through Information and Communication Technology), MHRD. The portal provides facility to search and browse all hosted content wherein a learner can easily access the desired material including audio/video learning material, textual material, multimedia-enriched materials etc. through a single interface. Moreover, features of faceted search, usage statistics, project-wise access, My-Space are incorporated in this portal

- **Video Lectures:** Provides recorded lectures on numerous subjects.
- **Course Materials:** Offers study materials including notes, quizzes, and assignments.
- **Subject Coverage:** Includes engineering, management, social sciences, humanities, and more.
- **Search and Access:** Users can search and access content for school, undergraduate, and postgraduate levels.

E- resource: Worth exploring Trending articles on IEEE

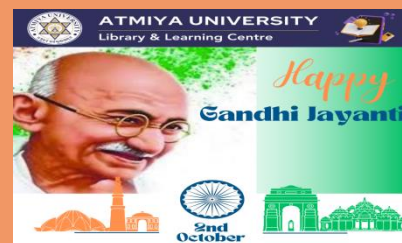
A. Kiourti et al., "Next-Generation Healthcare: Enabling Technologies for Emerging Bioelectromagnetics Applications," in IEEE Open Journal of Antennas and Propagation, vol. 3, pp. 363-390, 2022, doi: [10.1109/OJAP.2022.3162110](https://doi.org/10.1109/OJAP.2022.3162110), keywords: {Antennas; Wireless communication;Wearable computers;Wireless sensor networks;Implants;Sensors;Radio frequency;Implants;wearables;wireless power transfer;wireless telemetry;neurosensing;neurostimulation;materials;microwave imaging;electromagnetic imaging; bioelectromagnetics; dosimetry},

Z. Wu, S. Pan, F. Chen, G. Long, C. Zhang and P. S. Yu, "A Comprehensive Survey on Graph Neural Networks," in IEEE Transactions on Neural Networks and Learning Systems, vol. 32, no. 1, pp. 4-24, Jan. 2021, doi: [10.1109/TNNLS.2020.2978386](https://doi.org/10.1109/TNNLS.2020.2978386), keywords: {Deep learning;Neural networks;Task analysis;Kernel;Feature extraction;Data mining;Learning systems;Deep learning;graph autoencoder (GAE);graph convolutional networks (GCNs);graph neural networks (GNNs);graph representation learning;network embedding},

"IEEE Standard for Ethernet,"

in IEEE Std 802.3-2022 (Revision of IEEE Std 802.3-2018) , vol., no., pp.1-7025, 29 July 2022, doi: [10.1109/IEEESTD.2022.9844436](https://doi.org/10.1109/IEEESTD.2022.9844436), network;management;MCRS;MDI;media independent interface;medium dependent interface;MIB;MII;MMF;MPCP;Multi-Channel Reconciliation Sublayer; multimode fiber;multipoint control protocol; P2MP; PCS;PD;PHY;physical coding sublayer; Physical Layer;Physical Layer Collision Avoidance;Physical Layer device;physical medium attachment; physical medium dependent; PLCA; PMA;PMD;PoDL;PoE;point to multipoint;Power over Data Lines; Power over Ethernet;Power Sourcing Equipment;Powered Device; PSE; reconciliation sublayer;repeater; RS;single-mode fiber;SMF;type field},

Mahatma Gandhi Literature :



Mahatma Gandhi, born in 1869, became a key leader in India's independence movement, known for his philosophy of Satyagraha—non-violent resistance. Educated as a lawyer, his activism began in South Africa, fighting racial discrimination. Returning to India in 1915, he led significant campaigns like the Non-Cooperation Movement and Salt March, advocating for self-rule and social reform.

Gandhi's principles of Ahimsa (non-violence) and civil disobedience inspired millions globally. After India's 1947 independence, he sought to unify the nation. He was assassinated in 1948, but his teachings on peace, justice, and equality remain influential worldwide.

[Explore his collection at our library](#)



WE JUST FOUND THIS
FOR YOU.

SheRNI

<https://sherni.inflibnet.ac.in/>

The SheRNI Network in India refers to various initiatives and platforms dedicated to empowering women and addressing gender inequality across multiple sectors. These networks focus on areas like education, entrepreneurship, financial independence, legal rights, and safety.