



BITS Pilani
Pilani | Dubai | Goa | Hyderabad

BITS Library, Pilani List of Online Databases 2020-21



1 ACM - Association for Computing Machinery

ACM is the world's largest educational and scientific computing society uniting the world's computing educators, researchers and professionals to inspire dialogue, share resources and address the field's challenges. ACM strengthens the profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. ACM supports the professional growth of its members by providing opportunities for life-long learning, career development, and professional networking. ACM Digital Library: The ACM Digital Library is a comprehensive collection of ACM publications online, including a 60+ year archive of over 50 ACM journals, magazines, and peer-reviewed articles as well as ACM conference proceedings and ACM SIG newsletters. It contains over 2 million pages of text, with full-text articles from ACM publications dating back to the 1950s, and third-party content with selected archives.

2 ACS - American Chemical Society



ACS Publications manages the scholarly publishing program of the world's largest and most influential scientific society. Every year over 100,000 authors and their research teams from the community of scientists worldwide submit their work for consideration, review, and publication to ACS Publications. Noted for their high quality, rapid time to publication, seminal, and high impact, and prevalent citation in future research, ACS journals are available at more than 5,000 academic, business, and corporate institutions worldwide. In addition, over 163,000 ACS members have access to articles from ACS journals as a benefit of membership.

3 AIP - American Institute of Physics



One of the world's largest publishers of scientific information in physics and the related sciences, AIP Publishing employs innovative technologies and offers publishing services for the American Institute of Physics and AIP Member Society publishing partners. AIP Publishing's suite of publications includes 17 journals, three of which are published in partnership with other organizations; magazines, including AIP's flagship publication Physics Today; and the AIP Conference Proceedings series.

4 APS - American Physical Society



The American Physical Society is a non-profit membership organization working to advance and diffuse the knowledge of physics through its outstanding research journals, scientific meetings, and education, outreach, advocacy and international activities. APS represents over 50,000 members, including physicists in academia, national laboratories and industry in the United States and throughout the world.

5 ASCE - American Society for Civil Engineers



E-books, standards, journals and proceedings are available in this database content. Over 300 titles are now available by either book or chapter

6 ASME - American Society of Mechanical Engineers



The ASME Journal Program has been established to further the progress of science through the sharing the latest engineering research. Each ASME Journal title publishes the highest quality peer-reviewed literature in their respective field of mechanical engineering. The professionally curated content that comprises the material available through the journals on the ASME Digital Collection includes the history of mechanical engineering research as well as the cutting-edge discoveries being made today.

7 Annual Reviews



"Since 1932, Annual Reviews has offered comprehensive, timely collections of critical reviews written by leading scientists. Annual Reviews volumes are published each year for 46 focused disciplines within the Biomedical, Life, Physical, and Social Sciences including Economics. Annual Reviews is a nonprofit organization whose mission is to provide the worldwide scientific community with a useful and intelligent synthesis of the primary research literature for a broad spectrum of scientific disciplines.

Each year, Annual Reviews critically reviews the most significant primary research literature to guide researchers to the principal contributions of their field and help them keep up to date in their area of research.

8 Capitaline Plus



"Capitaline database provides fundamental and market data on more than 35,000 Indian listed and unlisted companies, classified under more than 300 industries, along with powerful analytic tools. Extensive data and analysis on every company profile, directors, more than 10-year financials (P&L, balance sheet, cash flow, consolidated financial data, segment data, forex data,

R&D data, ratios, etc), quarterly results, ownership pattern, finished products, raw materials, share price data, directors' report, management discussion, notes to account, business news, corporate events, etc. Capitaline database is a sister product of Capital Market.



9 Bentham Science

Bentham Science is a major STM journal publisher of 100 plus peer-reviewed print and online scientific, technical and medical journals. These titles are indexed in recognized indexing agencies, such as Science Citation Index®, Journal Citation Reports/Science Edition, MEDLINE/Index Medicus, PubMed, Scopus, Chemical Abstracts, EMBASE etc.



10 Project Euclid

"Project Euclid is a not-for-profit online publishing service that provides access to journals, monographs, and conference proceedings in the fields of theoretical and applied mathematics and statistics. Its mission is to advance scholarly communication in these fields and it is designed to address the unique needs of low-cost independent and society journals. Through a collaborative partnership arrangement, these publishers join forces and participate in an online presence with advanced functionality, without sacrificing their intellectual or economic independence or commitment to low subscription prices. Full-text searching, reference linking, interoperability through the Open Archives Initiative, and long-term retention of data are all important components of the project. Resources for researchers include information and tutorials for searching and navigating Project Euclid, accessing individual accounts, pay per view, print on demand and more.

11 Emerald Insight



As an established leader in management research, we provide comprehensive coverage across all management disciplines with over 200 journals in this field.

12 EBSCO



a) **Academic Search Complete** Academic Search Complete is the worldsmost valuable and comprehensive scholarly, multi-disciplinary full-text database, with more than 8,500 full-text periodicals, including more than 7,300 peer-reviewed journals. In addition to full text, this database offers indexing and abstracts for more than 12,500 journals and a total of more than 13,200 publications including monographs, reports, conference proceedings, etc. The database features PDF content going back as far as 1887, with the majority of full text titles in native (searchable) PDF format. Searchable cited references are provided for more than 1,400 journals.

b) **Business Source Elite** This business database provides full text for over 1,000 business publications. The rich collection of titles in Business Source Elite provides information dating back to 1985. More than 10,100 substantial company profiles from Datamonitor are also included. This database is updated on a daily basis via EBSCOhost.

c) **Newspaper Source Plus** Newspaper Source Plus includes more than 860 full-text newspapers, providing more than 35 million full-text articles. In addition, the database features more than 857,000 television and radio news transcripts.

d) **Entrepreneurial Studies Source** Entrepreneurial Studies Source provides the latest insight into topics relevant to entrepreneurship and small business. This database offers users full text for more than 125 key periodicals, 135 reference books, case studies, thousands of company profiles and over 600 videos with transcripts and related articles from the Harvard Faculty Series and Vator.TV.

13 **IEEE- Institute of Electrical and Electronics Engineers.**



IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. IEEE, pronounced "Eye-triple-E," stands for the Institute of Electrical and Electronics Engineers. The association is chartered under this name and it is the full legal name. IEEE includes access to the full text of IEEE content published since 1988 with select content published since 1872 from: IEEE journals, transactions, and magazines, including early access documents, IEEE conference proceedings, IET journals, IET conference proceedings, IEEE published standards, IEEE Standards Dictionary Online , Unlimited, full-text access to more than three million documents; Highly-cited, peer-reviewed research that fuels more new patents than any other publisher, including: 166 IEEE journals, magazines, and transactions, 26 IET journals and magazines, plus 20+ IET conference titles, proceedings from over 1,200 IEEE and IET annual conferences, more than 2,500 approved and published IEEE standards in key technology fields, with the option to IEEE Standards Dictionary Online; complimentary access to more than 4,600 papers from 20+ VDE conference titles; access to articles accepted for future publication; backfile to the late 1800s for select titles;

14 IME - Institute of Mechanical Engineers



IME Provides access to 16 Journals covering Power and Energy, Engineering Manufacture, Mechanical Engineering, Automobile Engineering, Rail and Rapid Transit, Aerospace Engineering, Medical Engineering, Systems and Control Engineering, Engineering Tribology, Materials, Maritime Environment, Nano Engineering, Nano Systems, Sports Engineering

15 IOP - Institute of Physics



IOP science is an online service for journal content published by IOP Publishing. IOPscience embraces innovative technologies to make it easier for researchers to access scientific, technical and medical content.

16 Web of Science



Web of Science an online subscription-based scientific citation indexing service maintained by Thomson Reuters that provides a comprehensive citation search. It gives access to multiple databases that reference cross-disciplinary research, which allows for in-depth exploration of specialized sub-fields within an academic or scientific discipline

17 eResearch



eResearch is a unique & comprehensive research platform that is designed especially for B-Schools students. eResearch will help students to be industry ready and help them for their research and project works. Students have opportunity to correlate theory with live markets and economic situation. eResearch is one of the very few research platform which covers all major financial markets and over 25 global indices with live updates 24x7.

18 JSTOR



JSTOR is a growing digital library of academic journals, books and primary sources. JSTOR's archival journal collections include more than two thousand journals in the humanities, social sciences, and sciences. Both multidisciplinary and discipline-specific journal collections are offered, covering more than 50 academic disciplines. At present, JSTOR contains a range of Arts & Sciences collections, a multidisciplinary Life Sciences Collection, discipline-specific collections across several fields, and four primary source collections. Collections on JSTOR include the complete archival record of each journal. Coverage begins at the first volume and issue of the journal ever published, and extends up to a publication date usually set in the past three to five years. Books at JSTOR offers 30,000 ebooks from renowned scholarly publishers, integrated with journals and primary sources on JSTOR's easy-to-use platform.

19 Springer Link



Springer Link provides researchers with access to millions of scientific documents from journals, books, series, protocols and reference works

20 Oxford Journals



Oxford University Press prides itself on being both a part of and a partner in the academic community. A department of the University of Oxford, OUP draws on a prestigious research heritage and a deep understanding of the wants and needs of researchers and academics. This publish over 300 journals in the humanities, social sciences, law, science, and medicine, two-thirds of which are published in partnership with learned and professional societies.

21 Scopus

Scopus is the largest abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings. Delivering a comprehensive overview of the world's research output in the fields of science, technology, medicine, social sciences, and arts and humanities, Scopus features smart tools to track, analyze and visualize research.

22 Project Muse



Project MUSE is a leading provider of digital humanities and social sciences content; since 1995, its electronic journal collections have supported a wide array of research needs at academic, public, special, and school libraries worldwide. MUSE books and journals, from leading university presses and scholarly societies, are fully integrated for search and discovery. MUSE currently includes: 332,346 articles and 652,486 chapters by 241 publishers

23 Proquest Business



Proquest database comprises of ABI/INFORM Global, ABI/INFORM Trade and Industry, and ABI/INFORM Dateline. The database features thousands of full-text journals, dissertations, working papers, key business and economics periodicals such as the Economist, country-and industry-focused reports, and downloadable data. Its international coverage gives researchers a complete picture of companies and business trends around the world.

24 Royal Society of Chemistry



"This platform provides access to journals, books and databases from the Royal Society of Chemistry. You can reach over 1 million chemical science articles and chapters. The RSC's online databases provide rapid, cost-effective access to developments in key areas of chemical research.

Following are the databases available on RSC.

A) Analytical Abstracts - <http://www.rsc.org/Publishing/CurrentAwareness/AA/index.asp>
For coverage of the latest techniques and applications. The premier current awareness and information retrieval service tailored to analytical scientist

B) Catalysts & Catalyzed Reactions -
<http://www.rsc.org/Publishing/CurrentAwareness/CCR/index.asp>
Visual presentation of new developments in catalysis research. Around 200 graphical abstracts added every month, indexed by reaction and catalytic method.

C) Chemical Hazards in Industry
<http://www.rsc.org/Publishing/CurrentAwareness/CHI/index.asp> Health and safety issues surrounding chemicals encountered in the chemical and related industries.

D) ChemSpider - <http://www.chemspider.com/>
Search 28 million chemical structures and their properties, patents, publications and more.

E) ChemSpider Synthetic Pages.

A freely available interactive database of synthetic chemistry

F) ChemSpider Synthetic Pages - <http://cssp.chemspider.com/>
Encourages submissions from graduate students, postdocs, industrialists and academics.

G) Laboratory Hazards Bulletin -
<http://www.rsc.org/Publishing/CurrentAwareness/LHB/index.asp>
Comprehensive coverage of hazards encountered by laboratory workers. Includes waste management, occupational monitoring and legislation.

H) MarinLit - <http://pubs.rsc.org/marinlit/>
MarinLit is a database dedicated to marine natural products (MNP) research.

I) Methods in Organic Synthesis -
<http://www.rsc.org/Publishing/CurrentAwareness/MOS/index.asp>
Graphical abstracts of the most important current developments and new synthetic advances, including reaction schemes. Entries are indexed by Reaction, Reactant and Reagent.

J) Natural Product Updates - <http://www.rsc.org/Publishing/CurrentAwareness/npu/About.asp>
Alerting natural product scientists to the latest developments. NOW structure-searchable through ChemSpider!

K) National Chemical Database Service - <http://cds.rsc.org/>
The RSC will be operating the EPSRC National Chemical Database Service from 2013-2017. **L)**

The Merck Index* Online - <https://www.rsc.org/merck-index>
The most authoritative and reliable source of information on chemicals, drugs and biological, exclusive to the Royal Society of Chemistry.

25 Science Direct

Science Direct is a leading full-text scientific database offering journal articles and book chapters from nearly 2,500 journals

26 Taylor & Francis Online



Taylor & Francis Online is the journal content platform for the Taylor & Francis Group. The platform gives restricted online restricted access to journals from Taylor & Francis and Routledge. A program of retrodigitization means we have articles going back just over 200 years. As well as traditional journals, Taylor & Francis Online also hosts three abstract and indexing databases: Routledge Educational Research Abstracts Online, Research into Higher Education Abstracts and Studies in Women and Gender Abstracts, as well as 19 distinguished encyclopedias (formerly published under the Marcel Dekker imprint) in three main collections: Agropedia, chemistry and engineering, and business and communication.

27 Wiley Interscience



Wiley Online Library hosts the world's broadest and deepest multidisciplinary collection of online resources covering life, health and physical sciences, social science, and the humanities. It delivers seamless integrated access to over 4 million articles from 1500 journals, over 15,000 online books, and hundreds of reference works, laboratory protocols and databases.

28 ProwessIQ

ProwessIQ is an interactive querying system to find companies from the Prowess database. It consists of a client software that provides an interface to construct and submit queries over the internet to the Prowess database and receive answers to the queries from the database.

The Prowess database consists of the financial performance of Indian companies. The database contains information on all listed companies and a larger set of unlisted companies. The database is built from the audited Annual Reports of companies and information submitted to the Ministry of Company Affairs; and in the case of listed companies, the database also includes company filings with stock exchanges and prices of securities listed on the major stock exchanges.

29 Mathscinet

MathSciNet® is an electronic publication offering access to a carefully maintained and easily searchable database of reviews, abstracts and bibliographic information for much of the mathematical sciences literature. Over 100,000 new items are added each year, most of them classified according to the Mathematics Subject Classification. Authors are uniquely identified (by their MR Author ID), enabling a search for publications by individual author rather than by name string. Continuing in the tradition of the paper publication, *Mathematical Reviews* (MR), which was first published in 1940, expert reviewers are selected by a staff of professional mathematicians to write reviews of the current published literature; over 80,000 reviews are added to the database each year. Extending the MR tradition, MathSciNet® contains almost 3 million items and over 1.7 million direct links to original articles. Bibliographic data from retrodigitized articles dates back to the early 1800s. Reference lists are collected and matched internally from approximately 550 journals, and citation data for journals, authors, articles and reviews is provided. This web of citations allows users to track the history and influence of research publications in the mathematical sciences.

30 Grammarly - An online writing assistance software



The library is pleased to provide the access to Grammarly which is an online writing assistance and plagiarism tool that encourages polished grammar, better overall wordsmithing, and a professional writing style.

31 HeySuccess



Heysuccess is the choice of thriving students and graduates because it offers three key ingredients for their career development and success:

- 1) Dozens of thousands of opportunities in over 180 countries (internships, scholarships, graduate positions, student conferences, and competitions).
- 2) Helpful resources, application tips, and webinars produced by HR experts and other successful graduates.
- 3) A network of the most extraordinary young people and recruiters from all over the world.

32 Indiastat



Indiastat.com serves with authentic and perhaps the most comprehensive compilation of secondary level socio-economic statistical information about India , its states, regions and sectors on various socio-economic parameters.

Over the period of last 17 years, the cluster of Indiastat.com and its associate websites has increased to 56 websites wherein 19 websites are sector-specific, 6 are regional websites and 31 websites are state-specific.

Subscribing Indiastat.com will give an automatic access of its 56 associate sites. Indiastat.com contains all the statistical information available on its 56 associate websites. However data is made available separately on these 56 associate sites just for an ease of navigation. If require, subscription to these associate websites can also be taken separately.

33 MethodsNow

The foundation of most scientific research is the detailed description of the experimental and analytical techniques utilized in the lab. Finding these methods and protocols in the literature is time consuming. MethodsNow® is a single source for searching and comparing the latest published scientific methods by featuring step-by-step instructions that you can take right to the lab in areas like pharmacology, HPLC, food analysis, natural product isolation analysis and water analysis.



34 SciFinder

SciFinder® is a research discovery application that provides integrated access to the world's most comprehensive and authoritative source of references, substances and reactions in chemistry and related sciences.

35 Social Science Research Network

The SSRN, formerly known as Social Science Research Network, is a repository and international journal devoted to the rapid dissemination of scholarly research in the social sciences and humanities and more. Elsevier bought SSRN from Social Science Electronic Publishing Inc. in May 2016.