



SAARANSH **SPAB** Library Insight

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Welcome

SAARANSH is a SPAB Library bi-monthly digital digest to communicate new developments in the knowledge and showcasing the potential of existing content for knowledge creation and validation.

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Massive Open Online Courses (MOOCs) are flexible and open form of self-directed, online learning platform designed for mass participation. Similar online resources/ contents are designed to self study and learning. Following are the MOOCs and online resources available in the field of Architecture and Planning.

MOOCs

(click on the red link for more details)

SWAYAM and NPTEL Online Contents & Courses

Various courses in Engineering and Management, Following are the list of courses offered in the area of Architecture and Planning.

Subject Name	SME Name	Institute
NOC:Building Materials and Composites	Prof. Sumana Gupta	IIT Kharagpur
NOC:Environmental Soil Chemistry	Prof. Somsubhra Chakraborty	IIT Kharagpur
NOC:Structural System in Architecture	Prof. Sankha Pratim Bhattacharya	IIT Kharagpur
NOC:Urban Landuse and transportation planning	Prof. Debapratim Pandit	IIT Kharagpur
NOC:Sustainable Architecture	Prof. Avlokita Agrawal	IIT Roorkee
NOC:Structure, Form and Architecture : The Synergy	Prof. Shubhajit Sadhukhan	IIT Roorkee
NOC:Disaster Recovery And Build Back Better	Prof. Subhojyothi Samaddar Prof. Ram Sateesh Pasupuleti	IIT Roorkee
NOC:Introduction to History of Architecture in India	Prof. Pushkar Sohoni	IISER Pune
NOC:User Interface Design	Prof. Saptarshi Kolay	IIT Roorkee

Library Links

- [Library OPAC](#)

List of Databases Subscribed by SPAB Library

Full-text

- [ProQuest Dissertations and Thesis Global](#)

ProQuest Dissertations & Theses (PQDT)

Global is the world's most comprehensive collection of dissertations and theses from around the world, offering millions of works from thousands of universities. Each year hundreds of thousands of works are added. Full-text coverage spans from 1743 to the present, with citation coverage dating back to 1637.

Subject coverage

- Arts
- Business & Economics
- Education
- Humanities
- Social Sciences
- Behavioral Sciences
- Natural Sciences
- Mathematics & Physical Sciences
- Health & Medical Sciences

NOC:Urban governance and Development Management (UGDM)	Prof. Uttam Kumar Roy	IIT Roorkee
NOC:Culturally Responsive Built Environments	Prof. Ram Sateesh Pasupuleti	IIT Roorkee
NOC:Contemporary Architecture and Design	Prof. Saptarshi Kolay	IIT Roorkee
NOC:Role of Craft and Technology in Interior - Architecture	Prof. Smriti Saraswat	IIT Roorkee
NOC:Architectural Acoustics	Prof. Sumana Gupta Prof. Sankha Pratim Bhattacharya	IIT Kharagpur
NOC:Architectural Conservation And Historic Preservation	Prof. Sanghamitra Basu	IIT Kharagpur
NOC:Landscape Architecture and Site Planning - Basic Fundamentals	Prof. Uttam Kumar Bannerjee	IIT Kharagpur
NOC:Visual Communication Design for Digital Media	Prof. Saptarshi Kolay	IIT Roorkee
NOC:Housing Policy & Planning	Prof. Uttam Kumar Roy	IIT Roorkee

E-PG Pathshala Online Contents

Various courses in Science, Social Sciences and Humanities are available in e-PG Pathshala, which is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) being executed by the UGC.

Subject Area – **Architecture**

1. Urban Landscape Design
2. Sustainable and Green Building Design
3. Urban Design Studio
4. Services in High Rise Buildings
5. GIS
6. Planting Design

Subject Area – **M Planning**

1. City and Metropolitan Planning
2. Planning Approaches

- **Art & Architecture Complete**

This collection covers nearly **360 full-text periodicals** (Journals and Magazines) & **220 full-text books** in the area of Architecture, Conservation, graphic arts, Archeology, Sculpture, etc. and Cover-to-cover indexing and abstracts for 790 academic journals, magazines and trade publications with collection of over 63,000 images.

Subject coverage

- Antiques
 - Archaeology
 - Architecture and architectural history
 - Conservation and restoration
 - Costume design
 - Decorative arts
 - Graphic arts
 - Interior and landscape design
 - Painting
 - Photography
 - Printmaking
 - Sculpture
- **Sage Planning Coll...**
A Collection of 33 peer reviewed journals in the area of Planning are the part of this collection.

Subject Area – Risk / Disaster Management

1. Disaster Risk Mitigation: Potential for Microfinance
2. Capacity Development for Risk/ Disaster Management
3. Economics of Disaster

Subject Area – Visual Arts

1. History of Indian Painting
2. Indian Sculpture
3. History of Western Art from Prehistoric to Gothic Period
4. History of Western Renaissance to Impressionism
5. History of Chinese Paintings
6. History of Japanese Paintings
7. Aesthetic and Philosophy
8. History of Modern Western and Indian Art
9. Portrait Study
10. Life Study
11. Landscape Study
12. Creative Composition
13. Mural
14. Print Making

MIT OPEN Courseware

MIT OpenCourseWare is an initiative of the Massachusetts Institute of Technology to publish all of the educational materials from its undergraduate- and graduate-level courses online, freely and openly available to anyone, anywhere

- **Architecture**
- **Urban Studies and Planning**

Ref: - MIT Open Courseware Site

TU Delft Open Courseware – Architecture

TU Delft OpenCourseWare provides free and open educational resources of high quality university-level, organised as courses. You may download, revise, remix and re-distribute the resources published at TU Delft OpenCourseWare, as long as you adhere to the Creative Commons conditions.

- **Citizens Co-creating Sustainable Cities**
- **Engineering Design for Circular Economy**
- **Healthy aging in 6 steps – Let your environment do the...**
- **IMAGE | ABILITY – Visualizing the Unimaginable**
- **Managing Building Adaptation: a Sustainable Approach**
- **Models in Architecture – Design through Physical & Digi...**
- **Nature Based Metropolitan Solutions**
- **Rethink the City: New Approaches to Global and Local Ur...**
- **Sustainable Urban Development**
- **Urban Design for the Public Good: Dutch Urbanism**
- **Zero-Energy Design: an approach to make your building s...**

Statistical Databases

- Indiastat.com

Indiastat.com is a cluster of 56 associate sites and perhaps the most comprehensive e-resource for accessing the secondary level socio-economic statistical information about India, its 6 geographical regions, 31 states and 19 sectors on various socio-economic parameters. These parameters are Administrative Units, Demographics, Economy, Agriculture, Civil Supplies and Consumer Affairs, Environment and Forest, Industries, Infrastructure, Companies, Education, Health, Housing, Labour & Workforce, Polity, Media, Insurance, Tourism, Crime & Law, Social Welfare & Developmental Schemes etc.

Harvard University – Art and Design

- [Pyramids of Giza: Ancient Egyptian Art and Archaeology](#)
- [The Architectural Imagination](#)

Edx – Architecture, Art & Culture and Design

edX is an American massive open online course provider created by Harvard and MIT. It hosts online university-level courses in a wide range of disciplines to a worldwide student body, including some courses at no charge. It also conducts research into learning based on how people use its platform

Ref: - [wikipedia](#)

Coursera - Architecture, Design, Urban Planning

Coursera is a world-wide online learning platform founded in 2012 by Stanford University's computer science professors Andrew Ng and Daphne Koller that offers massive open online courses, specializations, degrees, professional and mastertrack courses.

Ref: - [Wikipedia](#)

Udemy - Design (Web, Graphic, Design Tools User Experience, Game Design, Design Thinking, 3D & Animation, Fashion, Architectural Design)

Udemy, Inc. is an American online learning platform aimed at professional adults and students. It was founded in May 2010 by Eren Bali, Gagan Biyani, and Oktay Caglar. As of Jan 2020, the platform has more than 50 million students and 57,000 instructors teaching courses in over 65 languages.

Ref: - [wikipedia](#)

“Libraries store the energy that fuels the imagination. They open up windows to the world and inspire us to explore and achieve and contribute to improving our quality of life.”

Sidney Sheldon

Online Resources/ Contents

Architecture Commons

This platform provides access to the papers of various institutional publications available open access in the field of Architecture and Planning.

Planning Architecture Design Database Ireland (PADDI)

Paddi is a bibliographic database which aims to provide wide access to information on all aspects of the built environment and environmental planning in Ireland, north and south. Indexing of material began in 1980; indexed material includes items published

*“The only thing that you
absolutely have to know,
is the location of the
library”*

Albert Einstein

List of Journals Subscribed Print + Free Online by SPAB Library

1. AMBIO
2. Annals of library and information studies
3. Architectural theory review
4. Current science
5. Demography
6. Design and culture
7. Design issues
8. Down to earth
9. Economic and political weekly
10. Environment, development and sustainability
11. Geospatial world magazine (formerly GIS Development Magazine)
12. Housing, theory and society
13. Human Factors
14. Indian Journal of Human Development
15. Indian journal of public administration
16. International journal of architectural heritage: Conservation, Analysis and Restoration
17. International journal of heritage studies
18. International Journal of Logistics Management
19. International journal of urban sustainable

from c1865 to the present, but the majority of items date from the mid 20th century onwards; the time period covered is 12th century to the present.

National Digital Library of India (NDLI)

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities (single-window) but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT).

Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and job aspirants.

It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

NDLI Video link: <https://www.youtube.com/embed/LEwAyHGKeLw>

Ref: - NDLI Website

Directory of Open Access Journals (DOAJ)

DOAJ is a community-curated online directory that indexes and provides access to high quality, open access, peer-reviewed journals. DOAJ is independent. All DOAJ services are free of charge including being indexed in DOAJ. All data is freely available.

DOAJ operates an education and outreach program across the globe, focussing on improving the quality of applications submitted.

Ref: - DOAJ Website

Directory of Open Access Books (DOAB)

The aim of DOAB is to increase discoverability of Open Access books.. The directory is open to all publishers who publish academic, peer reviewed books in Open Access and should contain as many books as possible, provided that these publications are in Open Access and meet academic standards.

227 books (full text) are open access in the field of **Architecture**

Ref: - DOAB Website

development

20. JoLA: Journal of landscape architecture (Foreign)
21. Journal of architectural conservation
22. Journal of environmental studies and sciences
23. Journal of housing and the built environment
24. Journal of social and economic development
25. Journal of the american planning association
26. Journal of urban design
27. Landscape research
28. Open source for you
29. Planning theory & practice
30. Science reporter
31. TERI: World digital libraries
32. Transportation
33. Urban ecosystems
34. Urban morphology

Contact Us

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E-Gyankosh

eGyanKosh- a National Digital Repository to store, index, preserve, distribute and share the digital learning resources developed by the Open and Distance Learning Institutions in the country. Items in eGyanKosh are protected by copyright, with all rights reserved by IGNOU, unless otherwise indicated.

Ref: - eGyanKosh Website

Open Access Thesis and Dissertations (OATD)

OATD.org aims to be the best possible resource for finding open access graduate theses and dissertations published around the world. Metadata (information about the theses) comes from over 1100 colleges, universities, and research institutions. OATD currently indexes 5,163,913 theses and dissertations.

Ref: - OATD Website

Open DOAR

OpenDOAR is the quality-assured, global Directory of Open Access Repositories. You can search and browse through thousands of registered repositories based on a range of features, such as location, software or type of material held.

Ref: - OpenDOAR Website

Shodhganga

The Shodhganga@INFLIBNET Centre provides a platform for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access. The repository has the ability to capture, index, store, disseminate and preserve ETDs submitted by the researcher Indian University.

Ref: - Shodhganga Website

Important Notice

SPAB Library invites suggestions and small articles on various topics for this digest, please contact us and give your valuable insights to make it important resource of information for SPAB community.

Thanks & Regards

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Deputy Librarian