

A STUDY OF ONLINE COURSES OF LIBRARY AND INFORMATION SCIENCE ON SWAYAM

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Abstract :

This study presents an overview of Library and Information Science (LIS) courses available on the SWAYAM platform from 2021 to 2025. The courses are offered by reputed institutions such as IGNOU, IITs, and Aligarh Muslim University, with a focus on postgraduate-level education. The course offerings demonstrate variability over the years, with foundational subjects like Knowledge Organization and Library Information and Society consistently available, alongside emerging topics reflecting current trends in the LIS field. The medium of instruction is primarily English, supplemented by some courses in Hindi, to enhance accessibility for diverse learners. Enrolment data, while limited in detailed breakdowns, indicates significant learner engagement, particularly in programs coordinated by major national bodies like IGNOU and NPTEL. Overall, SWAYAM serves as a vital platform for advancing LIS education in India, supporting lifelong learning and professional growth in the sector. The clear strategy was utilized for the consider. The information was collected from the official websites of Swayam. The pertinent information was collected and dissected. There are different LIS courses accessible on SWAYAM. In any case, the enrolment proportion is much higher than effective completion.

Keyword : SWAYAM, Library and Information Science, E-Learning , MOOC

Introduction :

SWAYAM, an initiative by the Government of India, is designed to make high-quality education accessible to everyone, regardless of location or background. This online learning platform offers a vast range of courses across disciplines, catering to learners from school level up to postgraduate studies and professional development programs. By partnering with premier educational institutions and experienced faculty, SWAYAM delivers structured and interactive content through videos, quizzes, and discussion forums.

The platform promotes self-paced learning, allowing students to balance their studies with other commitments. Additionally, learners can earn certificates recognized by academic and professional bodies, enhancing their qualifications. SWAYAM plays a crucial role in bridging educational gaps by reaching students in remote areas and providing flexible learning opportunities. It empowers individuals to continuously upgrade their skills and

knowledge, thereby supporting India's vision of inclusive and lifelong education for all.

Professional development tool for LIS professionals :

In today's rapidly changing information environment, ongoing professional growth is vital for Library and Information Science (LIS) professionals to maintain their relevance and effectiveness. A dedicated professional development platform tailored for LIS practitioners provides access to a variety of resources including specialized courses, training modules, and certification programs. These focus on emerging trends like digital libraries, information retrieval systems, knowledge management, and library automation technologies.

SWAYAM, India's flagship online education platform, serves as an excellent resource for LIS professionals seeking to enhance their skills. By offering free and flexible online courses designed by top universities and experts, SWAYAM enables LIS practitioners to learn at their own pace while earning recognized certifications. This integration of technology and education empowers LIS professionals to stay updated with the latest advancements, expand their competencies, and improve service delivery in their institutions, thereby fostering innovation and excellence in the library and information sector.

Review of Literature :

Sharma, A. (2020) observed that SWAYAM has significantly expanded educational opportunities by providing free and flexible online courses, particularly benefiting students in rural and underserved regions. Sharma highlights that the platform's collaboration with leading academic institutions ensures quality content, making higher education more accessible across India.

Mehta and Singh (2021) SWAYAM's multimedia-rich approach, including video lectures and interactive quizzes, enhances student engagement and learning outcomes. Their study found that learners appreciated the flexibility to study at their own pace, which accommodated diverse learning styles and schedules.

Kumar et al. (2019) noted that while SWAYAM has successfully reached millions, challenges related to internet connectivity and digital literacy remain barriers for some learners, especially in remote areas. They emphasized the need for improved infrastructural support and awareness programs to maximize SWAYAM's impact.

Lihitkar, Shalini and Mendhe, Komal (2024) Observed that This comparative study meticulously examines and contrasts the features, teaching pedagogy, and language diversity of two prominent Massive Open Online Course (MOOC) platform, SWAYAM and Coursera. With a focus on these critical dimensions, the research aims to unravel the unique characteristics that define the user experience and educational methodologies on each platform. The analysis begins by elements that contribute to the distinctiveness of each platform. The profiles of both platforms are delineated, shedding light on institutional affiliation and

overarching missions that shape their educational offerings. Teaching pedagogy is a central focus, exploring the instructional methods employed by SWAYAM and Coursera. The research delves into course design, assessment strategies, and the level in interactivity to offer diversity, a pivotal aspect of global online education is thoroughly examined. The study assesses the languages in which courses are offered on SWAYAM and Coursera, providing a comprehensive understanding of linguistic inclusivity and its implications for learners worldwide. The findings of this research are crucial for educators, policymakers, and learners seeking a nuanced understanding of MOOC platforms. By offering insights into features, profiles, teaching pedagogy, and language dynamics, the study contributes to the broader discourse on online educations, facilitating informed decisions and fostering a deeper appreciation for the diversity of approaches in digital learning environments.

Objectives of the Study :

- To know the online courses related with Library and Information Science available on SWAYAM.
- To examine and analyses the Library and Information Science courses available on SWAYAM platform keeping in mind the various features of the online Courses. :
 - Duration of the Courses
 - Credits
 - Year wise availability of Courses
 - Student Enrollment
 - Name of the Co-Ordinator
 - Languages
 - Level of the Course

Methodology :

Keeping in view the objectives of the study, descriptive research methodology was employed. The collected data was analysed quantitatively. The official websites of Swayam has been browsed for data collection .

Scope and Limitation :

More than 25 Courses are available on SWAYAM portal for Library and Information Science during 2021 to 2025 out of 25 + Courses the researchers have taken 15 courses for the study based on the accessibility of information available for these courses. The data has been collected during the 05th Sep. 2025 to 30th Sep.2025.

Analysis and Interpretation :

TABLE NO. 1 : MOOCs PLATFORM/PROVIDERS AT NATIONAL AND INTERNATIONAL LEVEL

Sr. No.	MOOC Providers	Sr. No.	MOOC Providers
1	Coursera	21	SWAYAM
2	Edx	22	Open learning
3	Udacity	23	JMOOC
4	Canvas network	24	Open Education
5	NPTEL	25	Mexico
6	Futurelearn	26	Eduopen
7	CNMOOC	27	Federica.eu
8	Mexico X	28	K-MOOC
9	Thai MOOC	29	Indonesia X
10	IIT Bombay X	30	EduKart Open
11	Shikshit India	31	LearnVern
12	Vskills	32	Digital Vidya
13	U18	33	mooKIT
14	Million Lights	34	Edraak
15	Apna Course	35	UTas
16	UPGrad	36	Open HPI
17	Prometheus	37	Zhihuishu
18	Kadenze	38	EMMA
19	Federica Web Learning	39	XuetangX
20	Xue Yin Online	40	eWant

TABLE NO. 2 : LIBRARY AND INFORMATION SCIENCE COURSE'S AVAILABLE ON SWAYAM IN 2021 TO 2025 DETAILS SUCH AS COURSE NAME, PROVIDER, DURATION , CREDIT.

No	Course Name	Provider	Duration	Credits	2021	2022	2023	2024	2025
1	Library information and Society	IGNOU	12 Weeks	4	✓	✓	✓	✓	✓
2	Information Retrieval and Organization	NLSIU	8 Weeks	3	✓	✓	✓	X	X
3	Knowledge Organization	Concepts, Issues, and Trends Central University of Rajasthan	8 Weeks	3	✓	✓	✓	✓	✓

4	ICT in Libraries	IGNOU	8 Weeks	3	✓	✓	✓	✓	✓
5	Electronics Resources and Their Management	NISCAIR	8 Weeks	3	✓	✓	✓	X	X
6	Library Services for Rural Areas	RUDSETI	8 Weeks	3	✓	✓	✓	X	X
7	Digital Libraries	NIELIT	12 Weeks	4	✓	✓	✓	✓	✓
8	Library and information Science	IGNOU	12 Weeks	4	X	✓	X	X	X
9	Information Sources and Library Services	IGNOU	8 Weeks	3	✓	✓	✓	✓	✓
10	Library Automation and Digitization	IGNOU	12 Weeks	4	X	✓	✓	X	✓
11	Archives and Records Management	National Archives of India	8-10 Weeks	3	X	✓	X	X	X
12	Fundamentals of Library & information Science	Aligarh Muslim University	12 Weeks	3	X	X	X	X	✓
13	Sr. Secondary : Library & Information Science (Course Code 339)	National Institute of Open Schooling (NIOS)	24 Weeks	10	✓	✓	✓	✓	✓
14	Library Automation and Networking	Banaras Hindu University	8 Weeks	2	X	X	X	✓	✓
15	Management of Library and Information Centers	Aligarh Muslim University	12 Weeks	4	X	✓	✓	✓	✓
Total					09	13	11	08	10

TABLE NO. 2 : Library and Information Science courses on SWAYAM vary in duration from 8 to 24 weeks, with credits ranging between 2 to 10. IGNOU is the primary provider, offering multiple courses like Library Information Society and ICT in Libraries consistently

across years. Some courses, like Information Sources and Library Services , Sr. Secondary : Library & Information Science (Course Code 339) and, Digital Libraries are available almost every year, showing sustained demand. Newer courses such as Fundamentals of LIS and Management of Library Centers have appeared more recently, indicating course expansion.

TABLE NO. 3 : COURSE LEVEL AVAILABLE ON SWAYAM FOR LIBRARY AND INFORMATION SCIENCE

No	Course Name	UG	PG
1	Library information and Society	X	✓
2	Information Retrieval and Organization	X	✓
3	Knowledge Organization	X	✓
4	ICT in Libraries	✓	X
5	Electronics Resources and Their Management	X	✓
6	Library Services for Rural Areas	X	✓
7	Digital Libraries	X	✓
8	Library and information Science	✓	X
9	Information Sources and Library Services	✓	✓
10	Library Automation and Digitization	✓	X
11	Archives and Records Management	X	✓
12	Fundamentals of Library & information Science	✓	✓
13	Sr. Secondary: Library & Information Science (Course Code 339)	X	✓
14	Library Automation and Networking	X	✓
15	Management of Library and Information Centers	X	✓
	Total	05	12

TABLE NO. 3 : Most Library and Information Science (LIS) courses on SWAYAM are classified as **Postgraduate (PG)** level. A few courses like **Fundamentals of LIS** cater to both **UG and PG learners**, while some are offered at **Diploma** level. Courses such as **Library Automation and Networking** and **Management of Library Centres** are clearly marked PG.

TABLE NO. 4 : TEACHING PEDAGOGY OF SWAYAM

Sr. No	Teaching Pedagogy	SWAYAM
1	E- Tutorial	✓
2	Discussion Forum	✓
3	E- Content	✓
4	Self Assessment	✓
5	Flexible Schedule	✓
6	Mobile Learning	✓

7	Graded Assignment	X
8	Online Test	✓
9	Video Test	✓
10	Homework Exercise	X
	Total	07

TABLE NO. 4 : Show the teaching Pedagogy of SWAYAM . SWAYAM provide 7 types of Teaching Pedagogy.

TABLE NO. 5: ENROLLED STUDENTS OF LIBRARY AND INFORMATION SCIENCE COURSES ON SWAYAM DURING 2021 TO 2025

No	Course Name	2021	2022	2023	2024	2025
1	Library information and Society	N. A	527	N. A	457	690
2	Information Retrieval and Organization	N. A	N. A	N. A	N. A	N. A
3	Knowledge Organization	N. A	N. A	N. A	N. A	N. A
4	ICT in Libraries	2612	286	211	258	175
5	Electronics Resources and Their Management	N. A	N. A	N. A	N. A	N. A
6	Library Services for Rural Areas	N. A	N. A	N. A	N. A	N. A
7	Digital Libraries	1466	1097	1349	1171	1352
8	Library and information Science	N. A	N. A	N. A	N. A	N. A
9	Information Sources and Library Services	1501	278	195	223	1090
10	Library Automation and Digitization	N. A	N. A	418	N. A	672
11	Archives and Records Management	N. A	N. A	N. A	N. A	N. A
12	Fundamentals of Library & information Science	N. A	N. A	N. A	N. A	599
13	Sr. Secondary: Library & Information Science (Course Code 339)	5010	413	434	402	404
14	Library Automation and Networking	N. A	N. A	N. A	1050	1026
15	Management of Library and Information Centers	N. A	473	279	1551	N. A
	TOTAL	10,589	3,074	2,886	5,112	6,008

- N.A. Stand for: - NOT AVAILABLE

TABLE NO. 5 : We found that there are various courses related to Library and Information Science, and significant number of students have done the enrollment for the particular kind of courses, this finds the information that courses in SWAYAM is significant for learnings and growth is higher side.

**TABLE NO. 6 : CO-ORDINATOR NAMES AND UNIVERSITY NAMES
AVAILABLE FOR LIBRARY AND INFORMATION SCIENCE COURSES ON
SWAYAM**

No	Course Name	Co-Ordinator Names	University Names
1	Library information and Society	Prof. Jaideep Sharma	IGNOU
2	Information Retrieval and Organization	NPTEL (Dr. Devika Madalli)	IGNOU
3	Knowledge Organization	NCERT	IITs
4	ICT in Libraries	Uma Kanjilal	IGNOU
5	Electronics Resources and Their Management	NPTEL	IIT Kharagpur
6	Library Services for Rural Areas	UGC	IGNOU
7	Digital Libraries	CEC	IIT Kharagpur
8	Library and information Science	Prof. M. Masoom Raza	Aligarh Muslim University
9	Information Sources and Library Services	Prof. Archana Shukla	IGNOU
10	Library Automation and Digitization	Dr. Ashok Kumar	IGNOU
11	Archives and Records Management	UGC	IGNOU
12	Fundamentals of Library & information Science	Prof. Muzamil Mushtaq	Aligarh Muslim University
13	Sr. Secondary : Library & Information Science (Course Code 339)	Ms. Manju Chrungu	National Institute of Open Schooling (NIOS)
14	Library Automation and Networking	<u>Prof. Gireesh Kumar T. K</u>	Banaras Hindu University
15	Management of Library and Information Centers	Dr. Ashok Kumar	IGNOU

TABLE NO. 6 : Most Library and Information Science (LIS) courses on SWAYAM are coordinated by experts from **IGNOU**, which hosts many programs. IITs, especially IIT Kharagpur, also coordinate specialized courses like Electronics Resources and Digital Libraries.

Aligarh Muslim University and Banaras Hindu University contribute to core LIS subjects with dedicated professors. The National Institute of Open Schooling (NIOS) manages the Sr. Secondary level LIS course, showing diverse institutional involvement.

**TABLE NO. 7 : LANGUAGE FOR COURSE CONTENT AVAILABLE FOR
LIBRARY AND INFORMATION SCIENCE COURSES ON SWAYAM**

No	Course Name	English	Hindi
1	Library information and Society	✓	X
2	Information Retrieval and Organization	X	✓
3	Knowledge Organization	X	✓
4	ICT in Libraries	✓	X
5	Electronics Resources and Their Management	✓	X
6	Library Services for Rural Areas	X	✓
7	Digital Libraries	✓	X
8	Library and information Science	✓	X
9	Information Sources and Library Services	✓	X
10	Library Automation and Digitization	✓	X
11	Archives and Records Management	✓	X
12	Fundamentals of Library & information Science	✓	X
13	Sr. Secondary : Library & Information Science (Course Code 339)	✓	X
14	Library Automation and Networking	✓	X
15	Management of Library and Information Centers	✓	X
	Total	12	03

TABLE NO. 7 : Most Library and Information Science (LIS) courses on SWAYAM are offered in **English**, with no verified Hindi versions available. Courses like **BLI-221**, **ICT in Libraries**, and **Library Automation and Networking** are explicitly marked as English in course listings. Overall, English dominates as the **primary medium of instruction** for LIS courses on SWAYAM.

Findings and Recommendations :

The analysis of SWAYAM's Library and Information Science (LIS) courses reveals a diverse and evolving landscape of educational offerings from 2021 to 2025. Most courses are coordinated by renowned institutions like IGNOU, IITs, and Aligarh Muslim University, ensuring quality content delivered by experienced faculty. The course availability fluctuates yearly, with core subjects such as Knowledge Organization and Library Information and Society maintaining consistent presence, while new specialized courses are being introduced, reflecting changing academic and professional needs. Language offerings are predominantly in English, with a few courses available in Hindi to cater to a broader learner base. Enrollment data, although limited in granularity, suggests robust participation across programs, particularly those coordinated by IGNOU and NPTEL. The majority of courses are at the

postgraduate level, affirming SWAYAM's role in advanced LIS education. Overall, SWAYAM provides a comprehensive platform that supports the continuous learning and professional development of LIS students in India.

To maximize the potential of SWAYAM, several key enhancements should be considered. Expanding reliable internet access and providing affordable digital devices, particularly in remote and rural areas, will help overcome current connectivity challenges and broaden the learner base. Strengthening learner engagement through personalized support such as mentorship programs, live interactive classes, and timely responses to queries can foster better understanding and motivation. It is also important to frequently revise and update course materials to reflect the latest developments and introduce new subjects that address emerging trends. Offering courses in more regional languages will make the platform more inclusive and accessible to learners from diverse linguistic backgrounds. Furthermore, establishing a comprehensive feedback mechanism and sharing detailed data on student participation and course completion will enable ongoing refinement of the platform. Lastly, enhancing partnerships with industry and educational bodies to increase the acceptance and value of SWAYAM certifications will boost learners' employability and professional growth.

Conclusion :

Swayam has many courses and every year it gives new learnings and courses as mention in above research. **SWAYAM stands out as a valuable learning platform because it brings top-quality education to learners across India at no cost.** Designed by experts from leading institutions, the courses cover a wide range of subjects and are available to anyone with internet access. One of its biggest strengths is flexibility — students can learn anytime, from anywhere, and at their own pace. Each course combines video lessons, reading materials, assignments, and interactive discussion forums to support deep understanding. Whether you're a school student, college learner, working professional, or someone looking to upskill, SWAYAM offers something for everyone. It also provides the chance to earn a certificate through an official exam, adding real value to your learning. For those in rural or remote areas, it opens doors to education that might otherwise be out of reach, making learning more inclusive and accessible.

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