

**Criterion II
Teaching-Learning and Evaluation**

**DIGITAL LEARNING PLATFORMS
(N-LIST, SWAYAM PRABHA, NDLI, DELNET)**

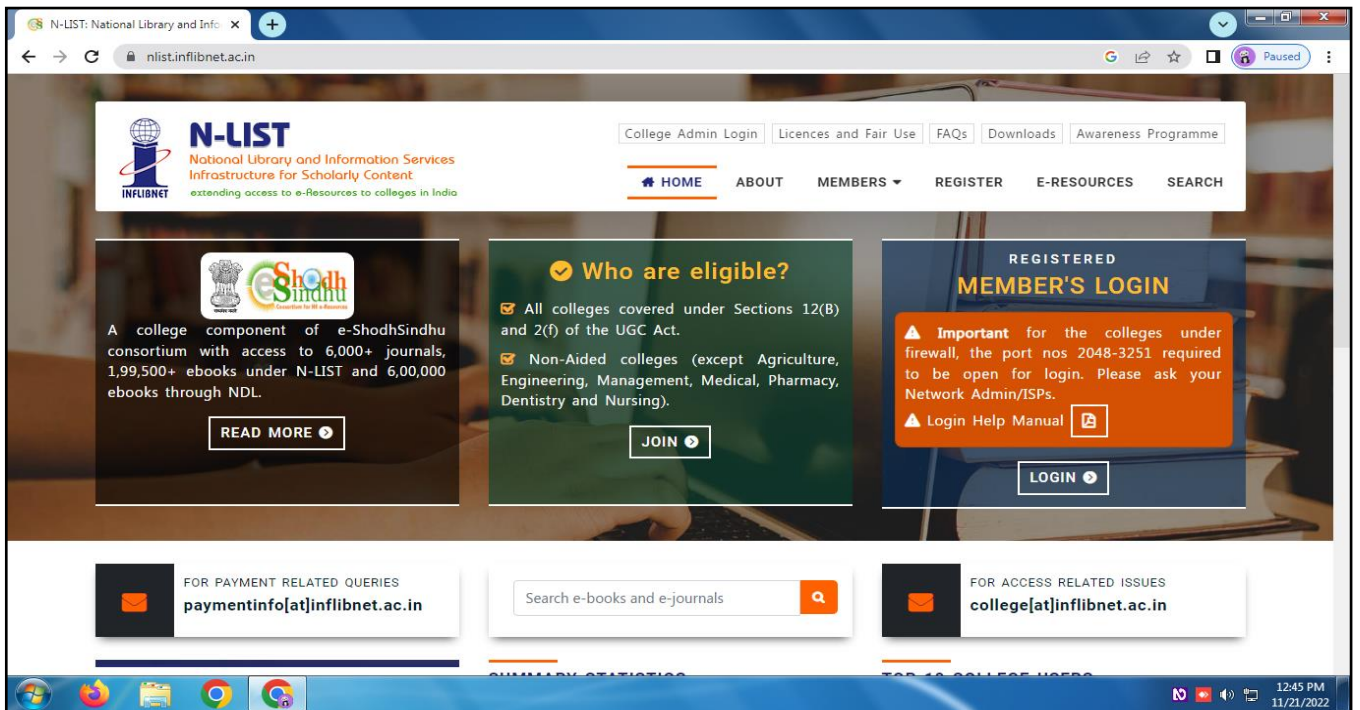
N-LIST

The Project entitled "National Library and Information Services Infrastructure for Scholarly Content (N-LIST)", being jointly executed by the e-ShodhSindhu Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi provides for i) cross-subscription to e-resources subscribed by the two Consortia, i.e. subscription to INDEST-AICTE resources for universities and e-ShodhSindhu resources for technical institutions; and ii) access to selected e-resources to colleges.

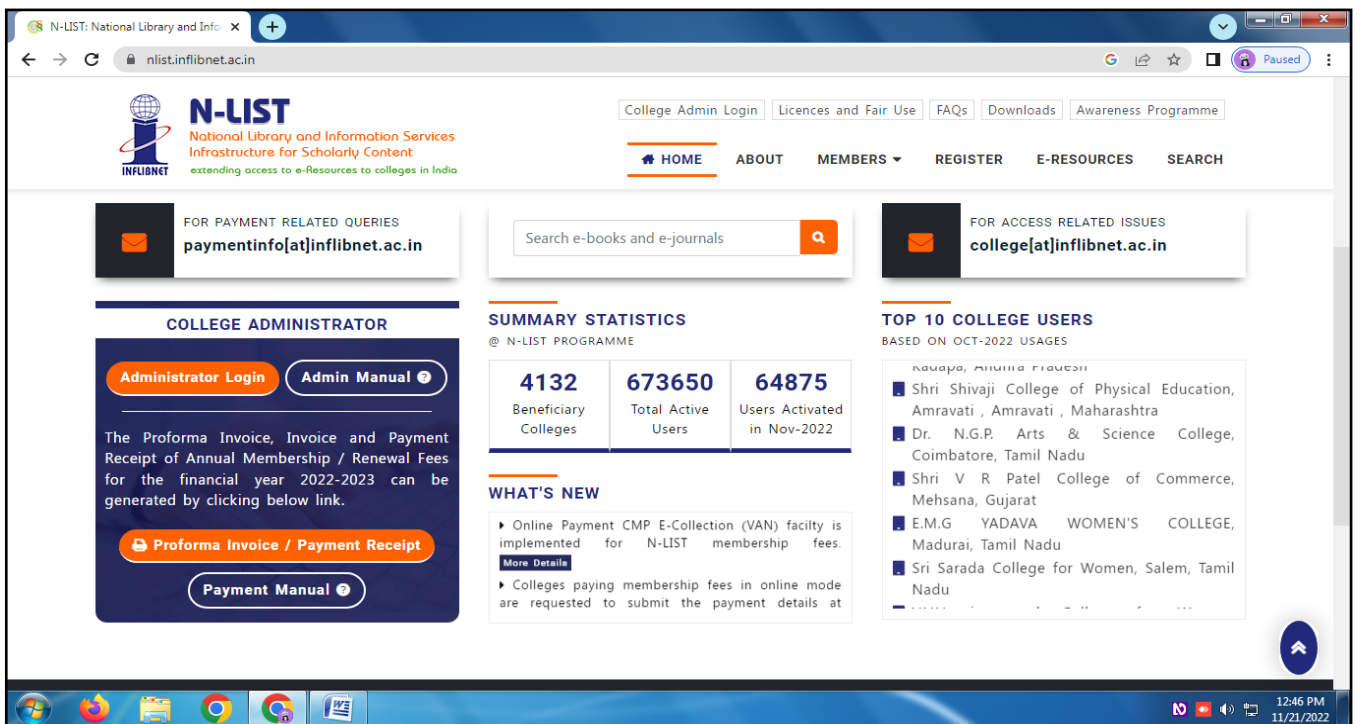
The N-LIST project provides access to e-resources to students, researchers and faculty from colleges and other beneficiary institutions through server(s) installed at the INFLIBNET Centre.

The HiCET access e-resources and download articles from the N-LIST website. The number of N-LIST user in HiCET is 4132.

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N-LIST HOME PAGE



N-LIST ONLINE ACCESS DETAILS



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The screenshot shows the N-LIST College Admin Dashboard. The header includes the N-LIST logo and navigation links like 'College Admin Login', 'Licences and Fair Use', 'FAQs', 'Downloads', and 'Awareness Programme'. The main content area is titled 'DASHBOARD' and displays college information for Hindusthan College Of Engineering And Technology, including address, website, AISHE Code, and GST No. It also shows user statistics: 4085 Active Users, 0 Expired Users, 0 Pending Users, and 0 Delete Request. There are sections for Principal, N-LIST College Admin, and Technical Person details. A sidebar on the left contains menu items like 'Dashboard', 'Users Details', 'Upload Bulk Users', etc. The footer has 'Useful Links', 'Other Links', 'Contact Us', and 'Email Us'.

N-LIST ONLINE DASH BOARD

The screenshot shows the N-LIST Usage Statistics page. It features a 'USAGE STATISTICS' section with a note about the new reporting methodology implemented from July 2021. Below the note, there are input fields for 'Start Month' and 'End Month' (both set to 2022-10) and a 'Get Usages' button. A 'Summary Statistics of OCT - 2022' card shows 4085 Active Users. There is also a 'Top 10 Users' section with a bar chart and download options for 'CSV' and 'JPEG'. The sidebar and header are consistent with the previous screenshot.

N-LIST USAGE STATISTICS

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**N-LIST USERS LIST
(SAMPLE)**

Name	Username	Department	Month	Year	Times Logged In	Page Views
Swetha R	19101066@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Keerthana A J	20104108@hicet.ac.in	Computer Science Engineering	10	2022	1	3
Raman Kumar	20104147@hicet.ac.in	Computer Science Engineering	10	2022	1	3
Suhaib Akther S	20104167@hicet.ac.in	Computer Science Engineering	10	2022	1	3
Tamilarasu Gurusamy	20104178@hicet.ac.in	Computer Science Engineering	10	2022	1	3
Vinoth Kumar A	20115063@hicet.ac.in	Artificial Intelligence and Machine Learning	10	2022	1	2
Abdul Asif A	720721101001@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Athilakshmi S	720721101012@hicet.ac.in	Aeronautical Engineering	10	2022	2	6
Bhagavathi S	720721101013@hicet.ac.in	Aeronautical Engineering	10	2022	1	2
Bharanidharan S	720721101014@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Dhanish L	720721101016@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Dharunshiya B	720721101017@hicet.ac.in	Aeronautical Engineering	10	2022	2	6
Francis Emmanuel G S	720721101020@hicet.ac.in	Aeronautical Engineering	10	2022	2	3

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Harivasanth P	720721101023@hicet.ac.in	Aeronautical Engineering	10	2022	3	7
Janaki R	720721101026@hicet.ac.in	Aeronautical Engineering	10	2022	2	4
Mohamed Jafeer	720721101034@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Mohamed Rashith M	720721101035@hicet.ac.in	Aeronautical Engineering	10	2022	1	2
Navin Babu	720721101041@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Navinkumar A	720721101042@hicet.ac.in	Aeronautical Engineering	10	2022	1	2
Nidhin Samuel	720721101043@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Nisinthkumar S	720721101044@hicet.ac.in	Aeronautical Engineering	10	2022	1	2
Praveen V	720721101047@hicet.ac.in	Aeronautical Engineering	10	2022	1	1
Renith S	720721101049@hicet.ac.in	Aeronautical Engineering	10	2022	2	2
Rupesh G	720721101051@hicet.ac.in	Aeronautical Engineering	10	2022	2	4
Shanmuga Gankatharan A	720721101052@hicet.ac.in	Aeronautical Engineering	10	2022	1	2
Subash S	720721101054@hicet.ac.in	Aeronautical Engineering	10	2022	2	2
Surya D	720721101055@hicet.ac.in	Aeronautical Engineering	10	2022	3	6
Thuviksha P	720721101056@hicet.ac.in	Aeronautical Engineering	10	2022	1	3
Vetrivel S	720721101058@hicet.ac.in	Aeronautical Engineering	10	2022	1	5
Yogesh J	720721101060@hicet.ac.in	Aeronautical Engineering	10	2022	2	4

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Ajishini C	720721106004@hicet.ac.in	Electronics and Communication Engineering	10	2022	2	2
Dhabhrina Joselyn E	720721106012@hicet.ac.in	Electronics and Communication Engineering	10	2022	1	4
Anitha R	720721106026@hicet.ac.in	Electronics and Communication Engineering	10	2022	1	1
Ganne Prathyusha	720721106041@hicet.ac.in	Electronics and Communication Engineering	10	2022	2	3
Lavanya B	720721106059@hicet.ac.in	Electronics and Communication Engineering	10	2022	1	1
Thamarai Selvam A	720721106115@hicet.ac.in	Electronics and Communication Engineering	10	2022	1	1
Abinesh R	720721108005@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Adil Ahmed	720721108008@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Akhil Kumar A	720721108011@hicet.ac.in	Mechanical Engineering	10	2022	1	3
Anandu Anil	720721108015@hicet.ac.in	Mechanical Engineering	10	2022	1	3
Dhuvarahan RG	720721108028@hicet.ac.in	Mechanical Engineering	10	2022	1	2
Hafid Moideen Padavanna	720721108031@hicet.ac.in	Mechanical Engineering	10	2022	1	2
Hari Prasath P	720721108032@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Hariram S	720721108033@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Jefriabinessh J	720721108040@hicet.ac.in	Mechanical Engineering	10	2022	2	3

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Johan J	720721108044@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Karthick M	720721108048@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Kishor G	720721108052@hicet.ac.in	Mechanical Engineering	10	2022	2	2
Kishore Kumar H	720721108053@hicet.ac.in	Mechanical Engineering	10	2022	1	1
Aarathi R	720721110001@hicet.ac.in	Information Technology	10	2022	1	4
Abinaya G	720721110002@hicet.ac.in	Information Technology	10	2022	1	1
Ashika R	720721110005@hicet.ac.in	Information Technology	10	2022	2	3
Harish K	720721110011@hicet.ac.in	Information Technology	10	2022	1	1
Mariyadinesh A	720721110017@hicet.ac.in	Information Technology	10	2022	1	1
Mohammed Hashir C V	720721110019@hicet.ac.in	Information Technology	10	2022	1	1
Pradeep K	720721110028@hicet.ac.in	Information Technology	10	2022	1	1
Prasanna S	720721110029@hicet.ac.in	Information Technology	10	2022	1	1
Praveen K	720721110030@hicet.ac.in	Information Technology	10	2022	1	2
Rohini R	720721110038@hicet.ac.in	Information Technology	10	2022	1	1
Sharina E	720721110042@hicet.ac.in	Information Technology	10	2022	1	2
Sivakumar G	720721110044@hicet.ac.in	Information Technology	10	2022	1	1
Subish Kumar A	720721110047@hicet.ac.in	Information Technology	10	2022	1	2

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Swetha S	720721110048@hicet.ac.in	Information Technology	10	2022	2	4
Syed Thoufiq R	720721110049@hicet.ac.in	Information Technology	10	2022	1	1
Tharan S	720721110051@hicet.ac.in	Information Technology	10	2022	1	1
Vishaline G	720721110054@hicet.ac.in	Information Technology	10	2022	1	1
Dharshini V	720721110066@hicet.ac.in	Information Technology	10	2022	1	1
Keshavan N	720721110082@hicet.ac.in	Information Technology	10	2022	1	1
Kowsalya K	720721110085@hicet.ac.in	Information Technology	10	2022	1	1
Logesh B	720721110087@hicet.ac.in	Information Technology	10	2022	1	1
Mohamed Aslam M	720721110090@hicet.ac.in	Information Technology	10	2022	1	1
Mohamed Sajid M	720721110093@hicet.ac.in	Information Technology	10	2022	1	1
Muthukumaran R	720721110095@hicet.ac.in	Information Technology	10	2022	1	1
Nilavan E	720721110099@hicet.ac.in	Information Technology	10	2022	1	1
Saravanan E	720721110112@hicet.ac.in	Information Technology	10	2022	1	1
Suren S	720721110118@hicet.ac.in	Information Technology	10	2022	1	1
Thanushkumar M	720721110121@hicet.ac.in	Information Technology	10	2022	2	2
Thennavan P	720721110122@hicet.ac.in	Information Technology	10	2022	1	1
Akhila Anwar	720721112003@hicet.ac.in	Bio-Medical Engineering	10	2022	1	2

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Akshay Krishna	720721112004@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Althaf Sheriff A	720721112005@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Annamalai A	720721112007@hicet.ac.in	Bio-Medical Engineering	10	2022	1	2
Bhargavi G	720721112011@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Bhuvaneshwara n B	720721112012@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Janani S	720721112016@hicet.ac.in	Bio-Medical Engineering	10	2022	2	5
Libi Achenkunju	720721112019@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Mahadevan M	720721112021@hicet.ac.in	Bio-Medical Engineering	10	2022	2	2
Namosri V G	720721112028@hicet.ac.in	Bio-Medical Engineering	10	2022	2	5
Nisha R	720721112029@hicet.ac.in	Bio-Medical Engineering	10	2022	1	3
Sangeethraj B	720721112035@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Shwetha S	720721112037@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Siva Sree S	720721112038@hicet.ac.in	Bio-Medical Engineering	10	2022	1	1
Sonaimuthu B	720721112041@hicet.ac.in	Bio-Medical Engineering	10	2022	2	2
Srimathi B	720721112042@hicet.ac.in	Bio-Medical Engineering	10	2022	2	7
Tamilnesan R G	720721112044@hicet.ac.in	Bio-Medical Engineering	10	2022	2	5
Devadharshini S	720721114017@hicet.ac.in	Chemical Engineering	10	2022	1	1

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Adish H	720721115004@hicet.ac.in	Artificial Intelligence & Machine Learning	10	2022	1	1
Karthick P	720721115022@hicet.ac.in	Artificial Intelligence & Machine Learning	10	2022	1	3
Kirubakaran A	720721115024@hicet.ac.in	Artificial Intelligence & Machine Learning	10	2022	1	1
Vedhavarshini S	720721115058@hicet.ac.in	Artificial Intelligence & Machine Learning	10	2022	1	1
K.Arivazhagan	arivazhagank.lib@hindusthan.net	Library	10	2022	10	14
Dr. S. Srikala	libraryhicet@gmail.com	Library	10	2022	2	15

Criterion II
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SWAYAM PRABHA

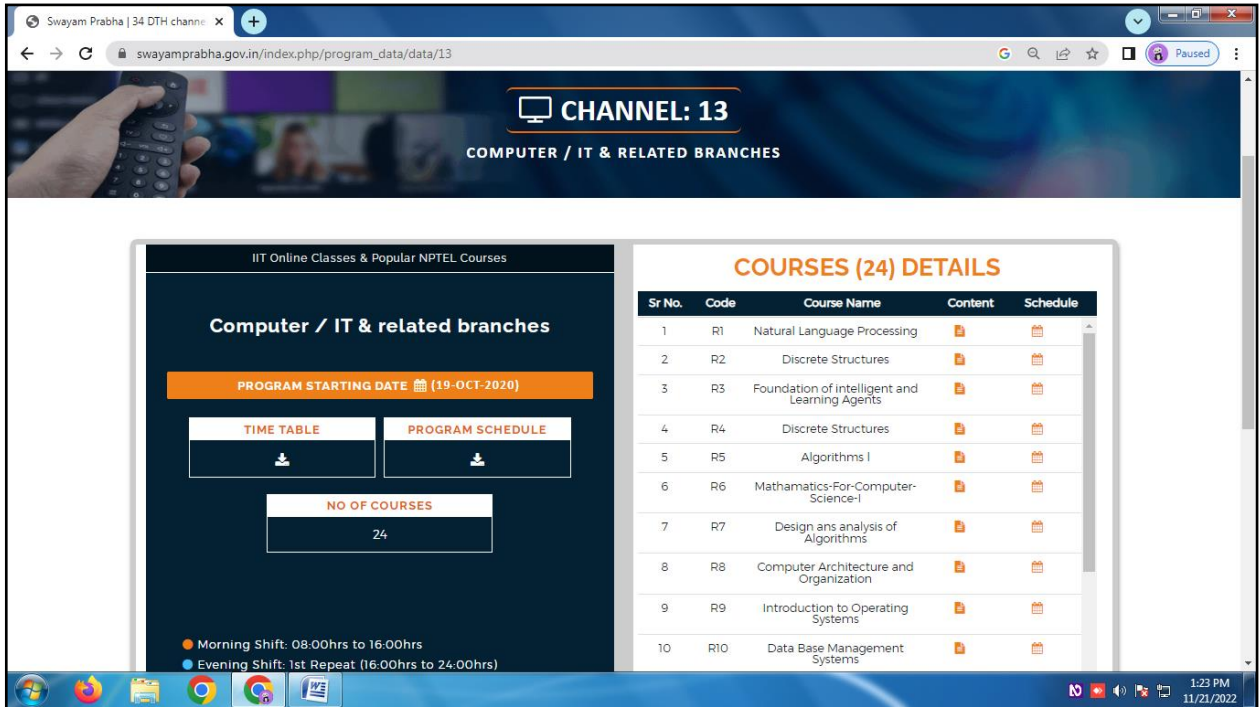
The SWAYAM PRABHA is a group of 22 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least 4 hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience. The channels are uplinked from BISAG-N, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU. The INFLIBNET Centre maintains the web portal.

The teachers and students of HiCET use this tool effectively.

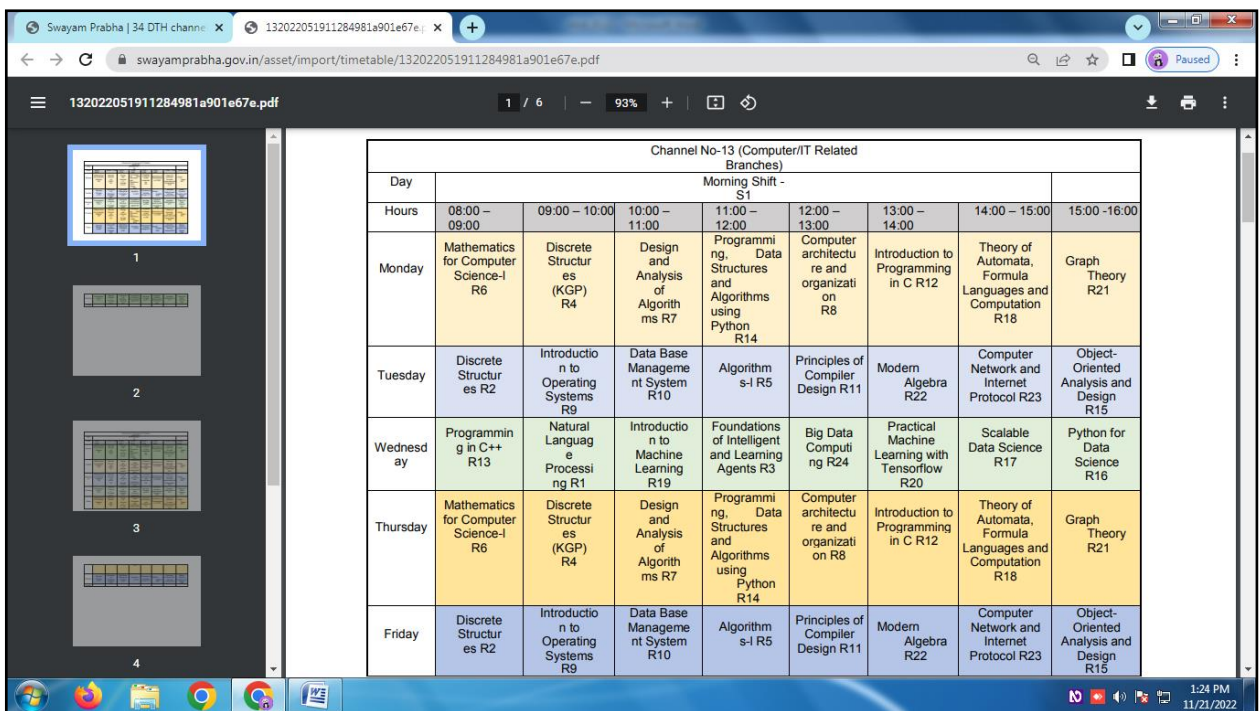


SWAYAM PRABHA HOME PAGE

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SWAYAM PRABHA VIEW OF CHANNEL



SWAYAM PRABHA ONLINE VIDEOS SCHEDULE

Criterion II
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Algorithms I
SWAYAM Prabha Course Code: R5

PROFESSOR'S NAME	Dr. Animesh Mukherjee, Dr. Pawan Goyal
DEPARTMENT	Computer Science and Engineering
INSTITUTE	IIT Kharagpur
COURSE OUTLINE	Complexity and Order, Divide and Conquer, Graph Data Structure, Graph Data Structure, Traversal, BT, BST, AVL, Dynamic Programming, Greedy, More Graph Algos, Scheduling, proof, Scheduling, proof, Knapsack, Order statistics, disjoint set data structure, Hashtables, Comparison sort, counting sort, heaps, String algo.

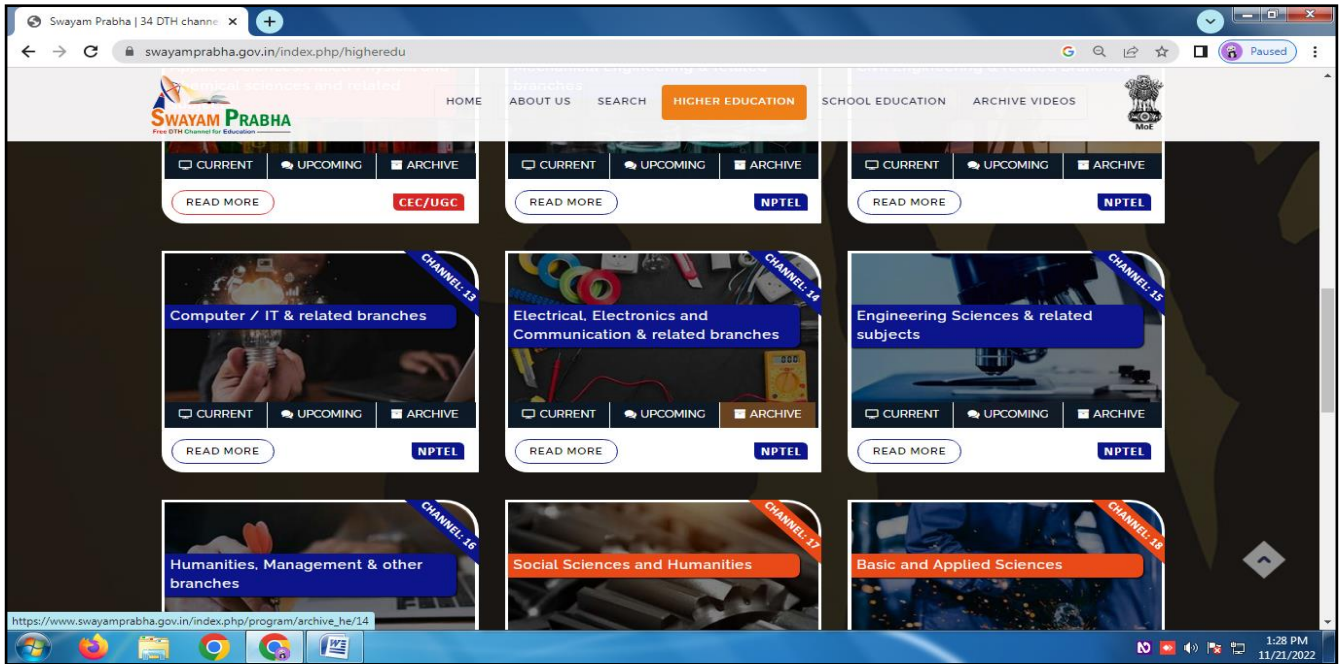
SWAYAM PRABHA COURSE DETAILS

CURRENT CHANNEL: 13
COMPUTER / IT & RELATED BRANCHES

No.	Subject	Course	Topic	Faculty Name	Time/Date/Video	Day	QR Code
1	Computer science	An Introduction to Artificial Intelligence	Bayesian Networks: Syntax	PROF. MAUSAM , IIT Delhi	21-11-2022 Time	Monday	-
2	Computer science	An Introduction to Artificial Intelligence	Bayesian Networks: Factorization	PROF. MAUSAM , IIT Delhi	21-11-2022 Time	Monday	-
3	Computer science	Programming in Modern C++	IO & Loop	Prof. Partha Pratim Das , IIT KHARAGPUR	21-11-2022 Time	Monday	-
4	Computer science	Programming in Modern C++	Arrays and Strings	Prof. Partha Pratim Das , IIT KHARAGPUR	21-11-2022 Time	Monday	-
5	Computer science	Synthesis of Digital Systems	Lec-20	PROF. PREETI RANJAN PANDA , IIT Madras	21-11-2022 Time	Monday	-
6	Computer science	Advanced Graph Theory	Paths, Cycles, and Trails	Prof. Rajiv Misra , IIT Patna	21-11-2022 Time	Monday	-

SWAYAM PRABHA REGISTERED DETAILS

Criterion II
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SWAYAM PRABHA CHANNELS HOME PAGE



LEARNING FROM SWAYAM PRABHA ONLINE VIDEOS

Criterion II
Teaching-Learning and Evaluation



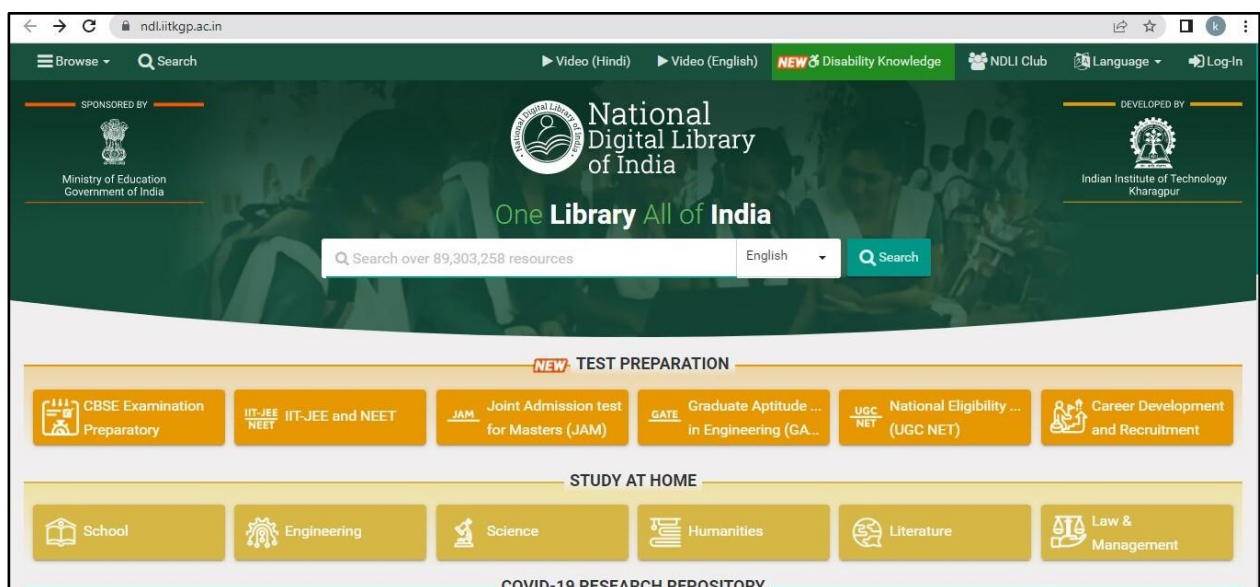
LEARNING FROM SWAYAM PRABHA ONLINE VIDEOS

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NATIONAL DIGITAL LIBRARY OF INDIA [NDLI]

The National Digital library of India is a virtual repository of learning resources which is not only just a repository with a search/browse facility but also provides a host of services containing textbooks, articles, videos, audio books, lectures, simulations, fiction and all other kinds of learning media for the learners/user's community. It is a project under Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). The objective is to collect and collate metadata and provide full text index from several national and international digital libraries, as well as other relevant sources. The NDLI provides free of cost access to many books and designed to hold content of any languages and provides interface support for 10 most widely used Indian languages. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

In HiCET, faculty and students use this tool effectively to enrich their knowledge.



NDLI HOME PAGE

Criterion II
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The screenshot displays the NDLI JEE Mock Test interface. The main content area shows a question from the JEE-2007 Paper I, Chemistry section. The question is: "1. A resistance of $2\ \Omega$ is connected across one gap of a metre-bridge (the length of the wire is 100 cm) and an unknown resistance, greater than $2\ \Omega$, is connected across the other gap. When these resistances are interchanged, the balance point shifts by 20 cm. Neglecting any corrections, the unknown resistance is (A) $3\ \Omega$ (B) $4\ \Omega$ (C) $5\ \Omega$ (D) $6\ \Omega$ ". Below the question, there are four radio buttons labeled (A), (B), (C), and (D). The (A) radio button is selected. The interface also includes a navigation bar at the top with "Content" and "Metadata" tabs, a search bar, and a sidebar on the right with a list of question papers from 2007 to 2011, and a list of questions under the "Chemistry" category. The bottom of the interface has a footer with "About", "FAQ", "Disclaimer", "Help", "App", "Feedback", "Sponsor", and "Contact" links.

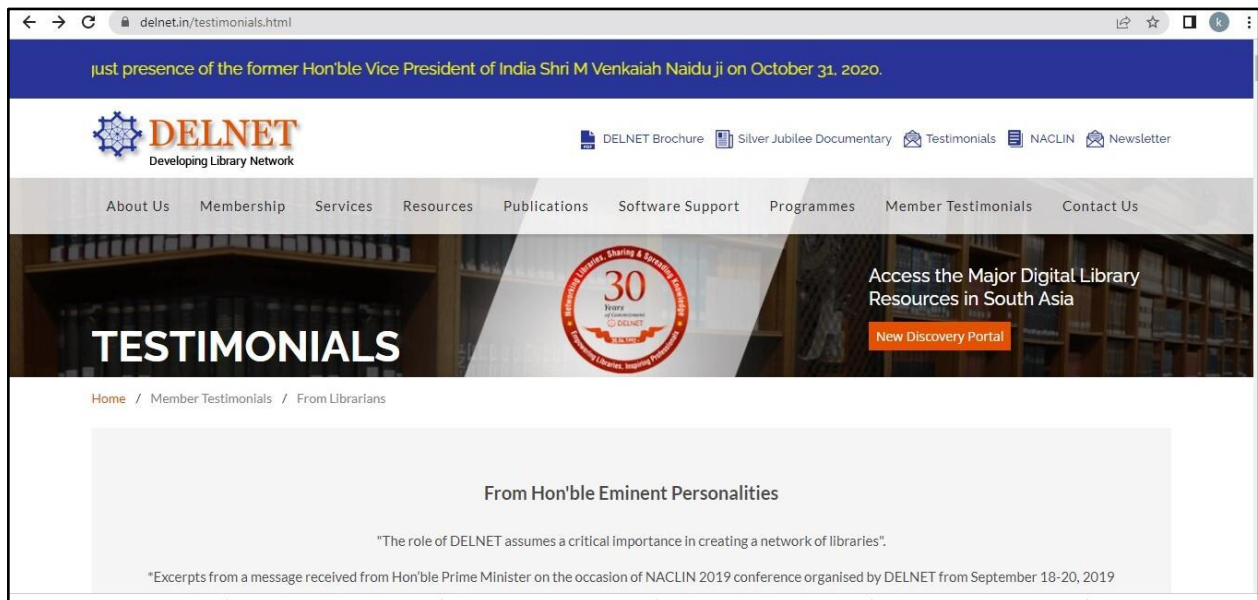
NDLI JEE MOCK TEST

Criterion II
Teaching-Learning and Evaluation

DELNET

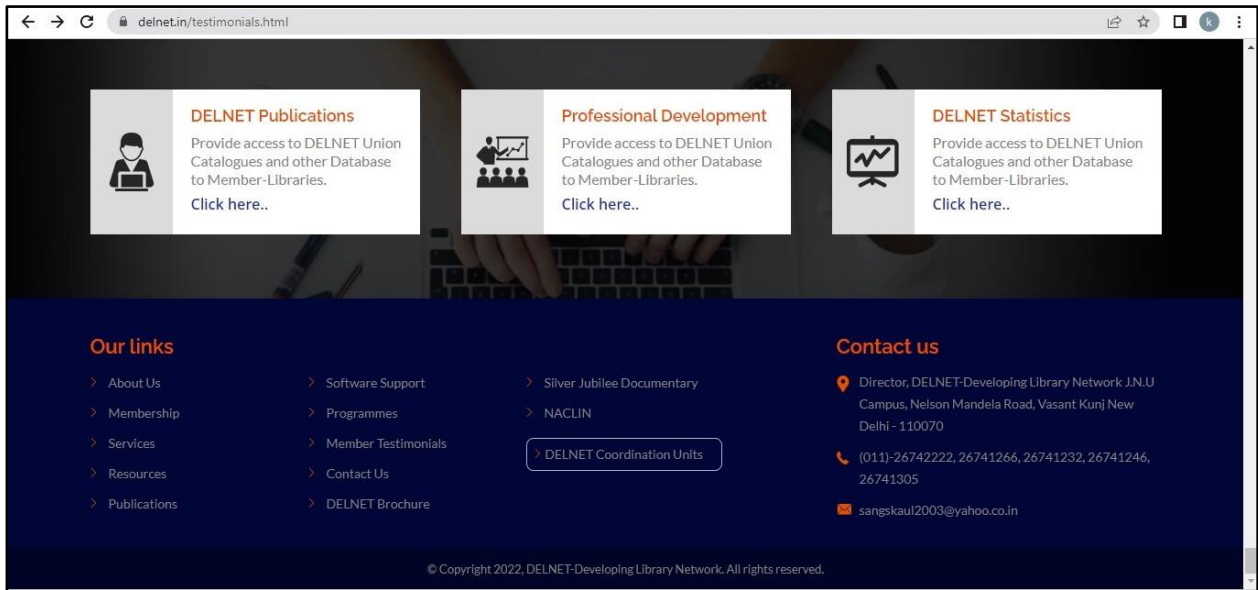
DELNET-Developing Library Network, New Delhi is a major resource sharing library Network in India connecting more than 7700 institutions in 33 states in India and few other countries comprising of Universities, Colleges, R&D organizations, medical hospitals, etc. DELNET is devoted to the Modernization & Networking of Libraries. It is located in Jawaharlal Nehru University Campus, New Delhi. "Networking Libraries, Sharing and Spreading Knowledge" remains the prime motto of DELNET with which it is working relentlessly for past more than 30 years.

HiCET has subscription with DELNET, faculty members and students use this tool effectively.

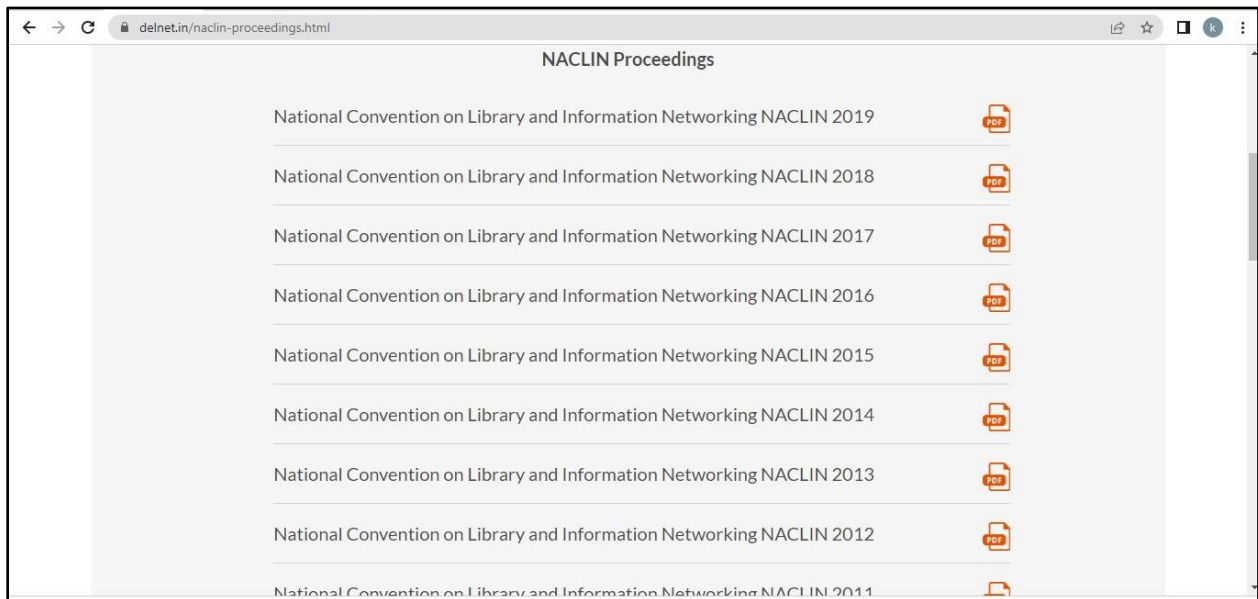


DELNET ONLINE LIBRARY HOME PAGE

Criterion II
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DELNET ONLINE LIBRARY ENTRY PAGES



DELNET ONLINE LIBRARY PROCEEDINGS