

**Criterion II
Teaching-Learning and Evaluation**

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

N-LIST

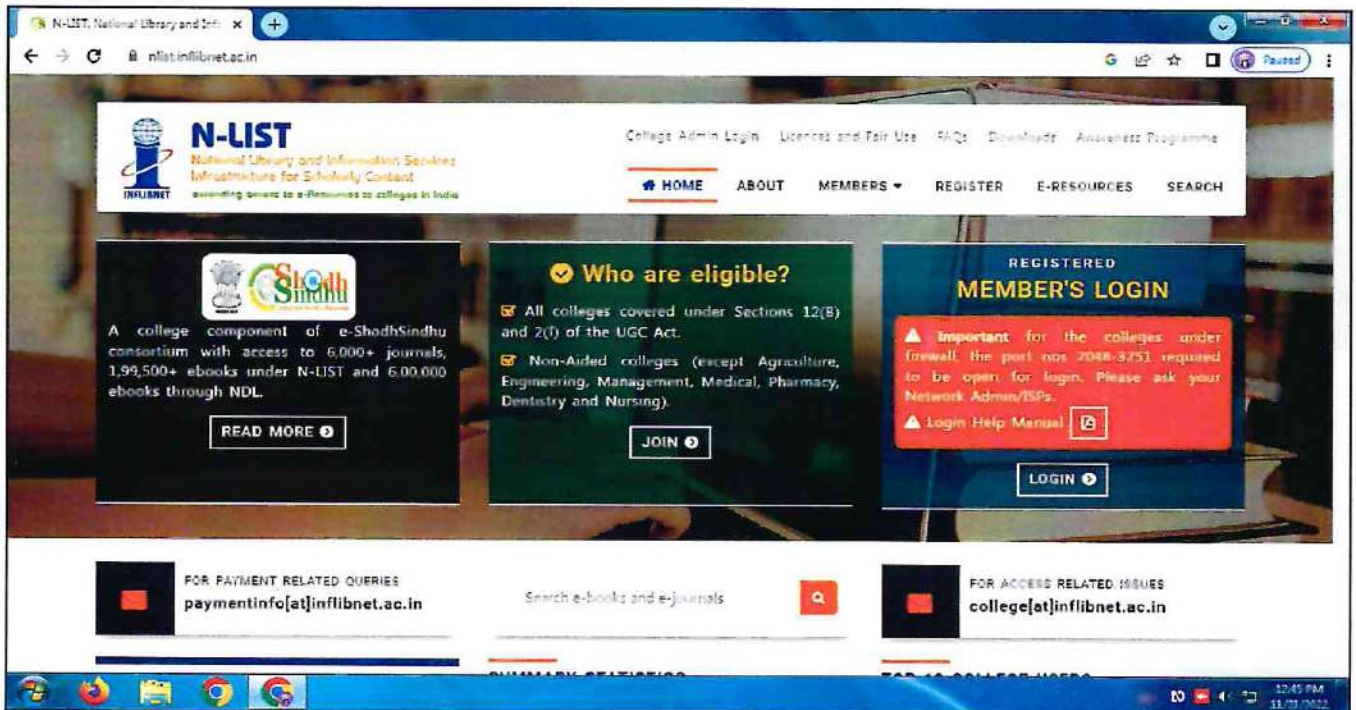
The Project entitled "National Library and Information Services Infrastructure for Scholarly Content (N-LIST)", being jointly executed by the e-ShodhSindhu Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi provides for i) cross-subscription to e-resources subscribed by the two Consortia,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

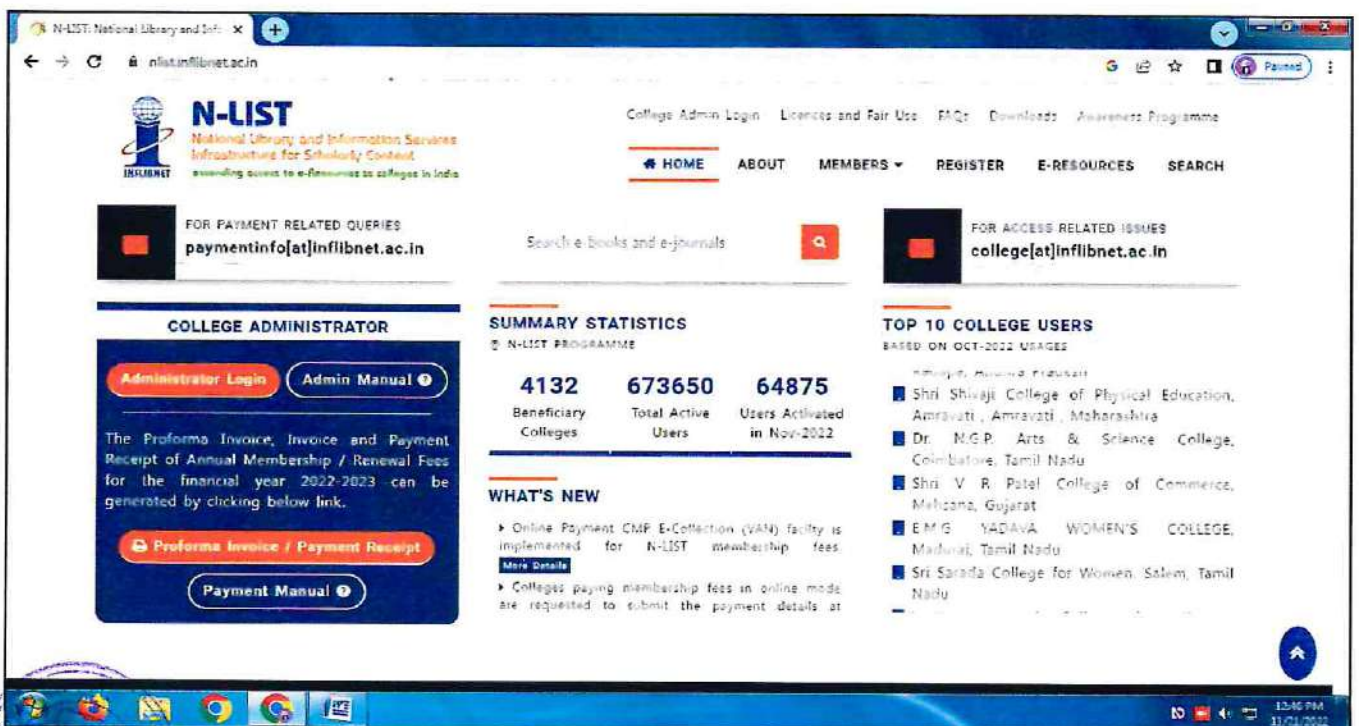
The HiCET access e-resources and download articles from the N-LIST website. The number of N-LIST user in HiCET is 4132.



Criterion II
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N-LIST HOME PAGE



N-LIST ONLINE ACCESS DETAILS



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N-LIST
National Library and Information Services
Infrastructure for Scholarly Content
extending access to e-Resources to colleges in India

College Admin Login | Licences and Fair Use | FAQs | Downloads | Awareness Programme

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DASHBOARD

Hindusthan College Of Engineering And Technology
 Address: Hindusthan College Of Engineering And Technology, Coimbatore, Tamil Nadu - 641032
 Website: www.hindusthan.net
 AISHE Code: C-37063
 GST No: Not Found [Add GST No](#)

4085 Active Users	0 Expired Users
0 Pending Users	0 Delete Request

Principal Details
 Dr. J JAYA
 hicetprincipal@hindusthan.net
 9176662859

N-LIST College Admin Details
 Dr. S Srikala
 libraryhicet@gmail.com
 9894009319

Technical Person Details
 Dr. S Srikala
 libraryhicet@gmail.com
 9894009319

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N-LIST ONLINE DASH BOARD

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USAGE STATISTICS

Note:
 The N-LIST Programme has implemented a new method for reporting usage statistics with the change in N-LIST Access Methodology from July 2021. The new usage statistics now include page views and unique sessions for each user of the college based on the logs generated from N-LIST.
 Usage statistics of users are updated in the first week of every month.

Start Month: 2022-10 | End Month: 2022-10 | [Get Usage](#) | Old Usages Format

Summary Statistics of OCT - 2022

4085 Active Users

Top 10 Users | CSV | JPEG

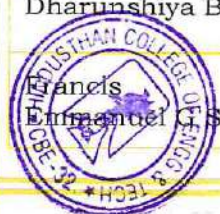
N-LIST USAGE STATISTICS



**Criterion II
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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





**Hindusthan College of Engineering and Technology
Coimbatore 641 032**

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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
Jenriabnessh 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
Aarthi 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
Teaching-Learning and Evaluation**

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



Criterion II
Teaching-Learning and Evaluation

CHANNEL: 13
COMPUTER / IT & RELATED BRANCHES

IT Online Classes & Popular NPTEL Courses

Computer / IT & related branches

PROGRAM STARTING DATE (19-OCT-2020)

TIME TABLE | PROGRAM SCHEDULE

NO OF COURSES: 24

● Morning Shift: 06:00hrs to 16:00hrs
● Evening Shift: 1st Repeat (16:00hrs to 24:00hrs)

Sr No.	Code	Course Name	Content	Schedule
1	R1	Natural Language Processing		
2	R2	Discrete Structures		
3	R3	Foundation of intelligent and Learning Agents		
4	R4	Discrete Structures		
5	R5	Algorithms I		
6	R6	Mathematics For Computer Science-I		
7	R7	Design and analysis of Algorithms		
8	R8	Computer Architecture and Organization		
9	R9	Introduction to Operating Systems		
10	R10	Data Base Management Systems		

SWAYAM PRABHA VIEW OF CHANNEL

Channel No-13 (Computer/IT Related Branches)

Day	Morning Shift - S1							
	08:00 – 09:00	09:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 – 16:00
Monday	Mathematics for Computer Science-I R6	Discrete Structures (KGP) R4	Design and Analysis of Algorithms R7	Programming, Data Structures and Algorithms using Python R14	Computer architecture and organization R8	Introduction to Programming in C R12	Theory of Automata, Formula Languages and Design R18	Graph Theory R21
Tuesday	Discrete Structures R2	Introduction to Operating Systems R9	Data Base Management System R10	Algorithms-I R5	Principles of Computer Design R11	Modern Algebra R22	Computer Network and Internet Protocol R23	Object-Oriented Analysis and Design R15
Wednesday	Programming in C++ R13	Natural Language Processing R1	Introduction to Machine Learning R19	Foundations of Intelligent and Learning Agents R3	Big Data Computing R24	Practical Machine Learning with Tensorflow R20	Scalable Data Science R17	Python for Data Science R16
Thursday	Mathematics for Computer Science-I R6	Discrete Structures (KGP) R4	Design and Analysis of Algorithms R7	Programming, Data Structures and Algorithms using Python R14	Computer architecture and organization R8	Introduction to Programming in C R12	Theory of Automata, Formula Languages and Design R18	Graph Theory R21
Friday	Discrete Structures R2	Introduction to Operating Systems R9	Data Base Management System R10	Algorithms-I R5	Principles of Computer Design R11	Modern Algebra R22	Computer Network and Internet Protocol R23	Object-Oriented Analysis and Design R15

SWAYAM PRABHA ONLINE VIDEOS SCHEDULE



Criterion II
Teaching-Learning and Evaluation

The screenshot shows a web browser window displaying the details of a SWAYAM PRABHA course. The course title is 'Algorithms I' with a SWAYAM Prabha Course Code of 'RS'. The professor's name is listed as 'Dr. Animesh Mukherjee, Dr. Pawan Goyal', the department is 'Computer Science and Engineering', and the institute is 'IIT Kharegpur'. The course outline includes topics such as Complexity and Order, Divide and Conquer, 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, and String algo.

PROFESSOR'S NAME	Dr. Animesh Mukherjee, Dr. Pawan Goyal
DEPARTMENT	Computer Science and Engineering
INSTITUTE	IIT Kharegpur
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

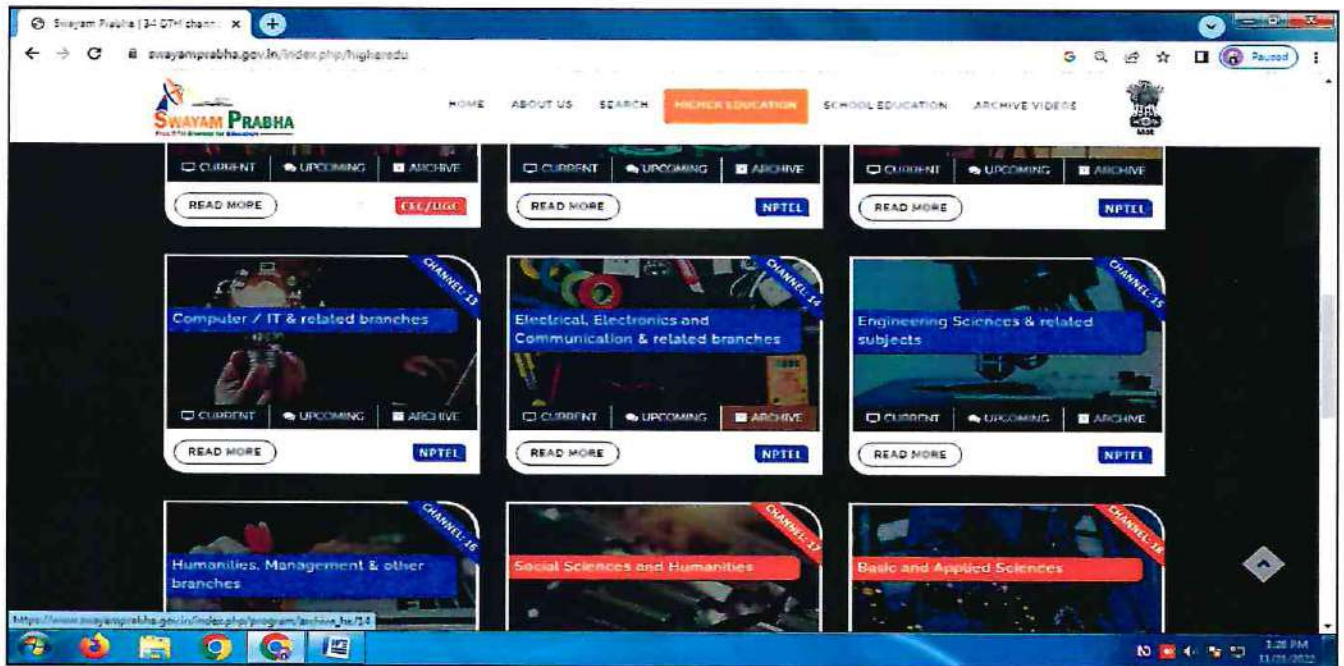
The screenshot shows a web browser window displaying the current channel details for 'COMPUTER / IT & RELATED BRANCHES'. It features a table with 6 entries, each listing a subject, course, topic, faculty name, time/date/video, day, and QR code.

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 Prasen Das, IIT KHARAGPUR	21-11-2022 Time	Monday	-
4	Computer science	Programming in Modern C++	Arrays and Strings	Prof. Partha Prasen Das, IIT KHARAGPUR	21-11-2022 Time	Monday	-
5	Computer science	Synthesis of Digital Systems	Lec-20	PROF. PREETI BANJARI PANDA, IIT Madras	21-11-2022 Time	Monday	-
6	Computer science	Advanced Graph Theory	Paths, Cycles, and Trails	Prof. Rajiv Mitra, IIT Patna	21-11-2022 Time	Monday	-

SWAYAM PRABHA REGISTERED DETAILS



Criterion II
Teaching-Learning and Evaluation



SWAYAM PRABHA CHANNELS HOME PAGE



LEARNING FROM SWAYAM PRABHA ONLINE VIDEOS



**Hindusthan College of Engineering and Technology
Coimbatore 641 032**

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LEARNING FROM SWAYAM PRABHA ONLINE VIDEOS

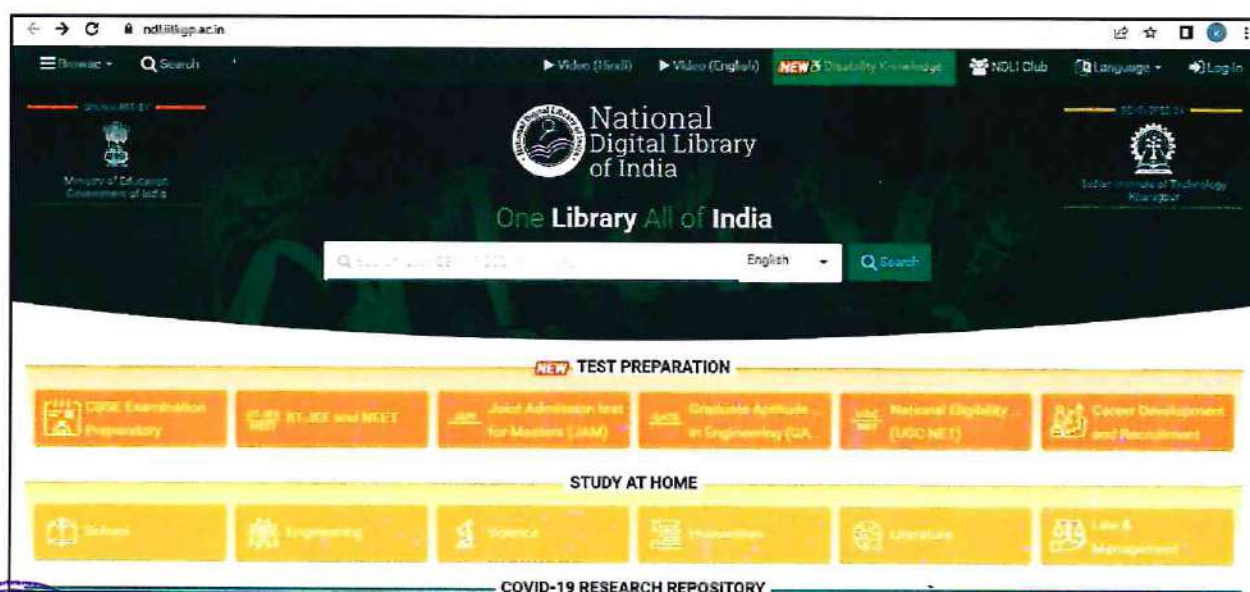


Criterion II
Teaching-Learning and Evaluation

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.

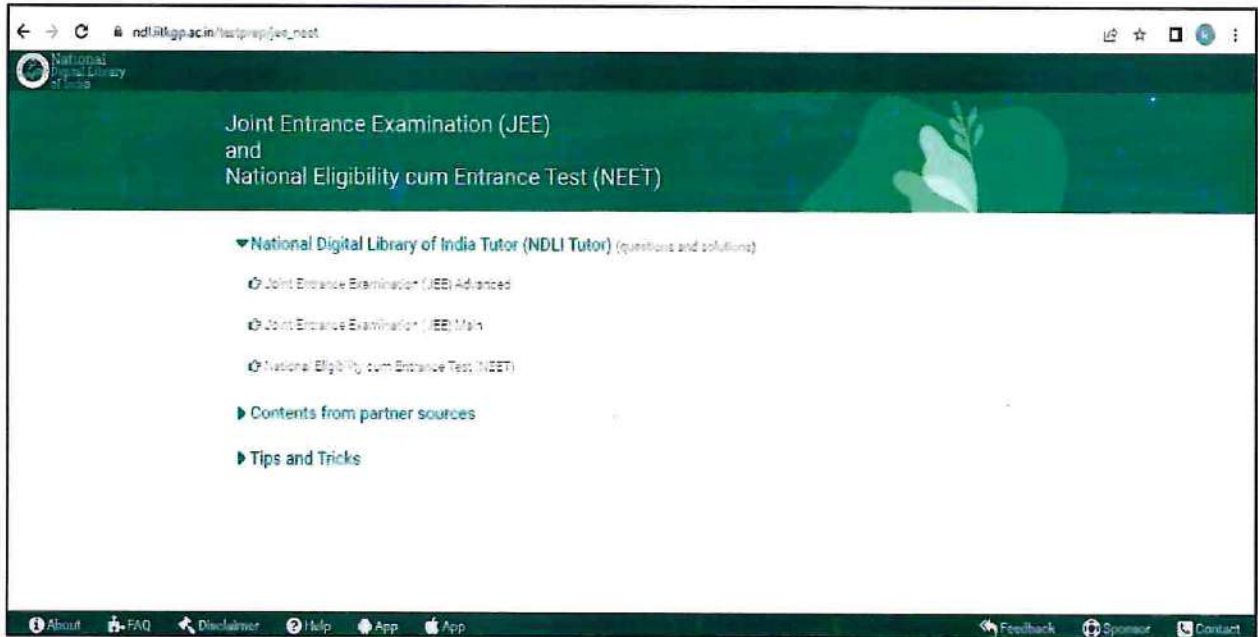
In HiCET, faculty and students use this tool effectively to enrich their knowledge.



NDLI HOME PAGE



Criterion II
Teaching-Learning and Evaluation



NDLI SAMPLE JEE and NEET TEST PAGE



NDLI JEE PREVIOUS YEAR QUESTION PAPER



Criterion II
Teaching-Learning and Evaluation

Joint Entrance Examination - Advanced - Paper-I - 2007 Question Paper I - Chemistry

Source: NDITutor JEE Advanced

- 2011 Question Paper I
- 2010 Question Paper I
- 2009 Question Paper I
- 2008 Question Paper I
- 2007 Question Paper I

Physics

Chemistry

- Question 23
- Question 24
- Question 25
- Question 26
- Question 27
- Question 28
- Question 29
- Question 30
- Question 31
- Question 32

JEE-2007
Paper I

1 of 30 Automatic Zoom

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) $6\ \Omega$

Answer (A) (B) (C) (D)

2. In an experiment to determine the focal length (f) of a concave mirror by the $u-v$ method, a student places the object pin A on the principal axis at a distance x from the pole P. The student looks at the pin and its inverted image from a distance keeping his/her eye in line with PA. When the student shifts his/her eye towards left, the image appears to the right of the object pin. Then,
(A) $x < f$ (B) $f < x < 2f$ (C) $x = 2f$ (D) $x > 2f$

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NDLI JEEE MOCK TEST

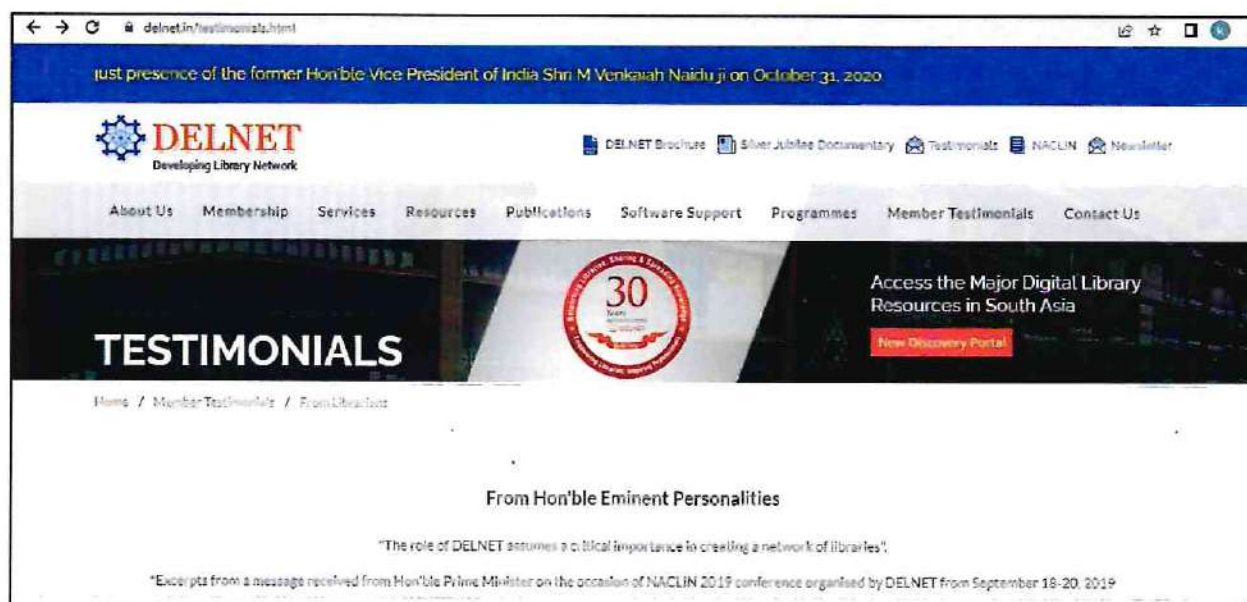


**Criterion II
Teaching-Learning and Evaluation**

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.



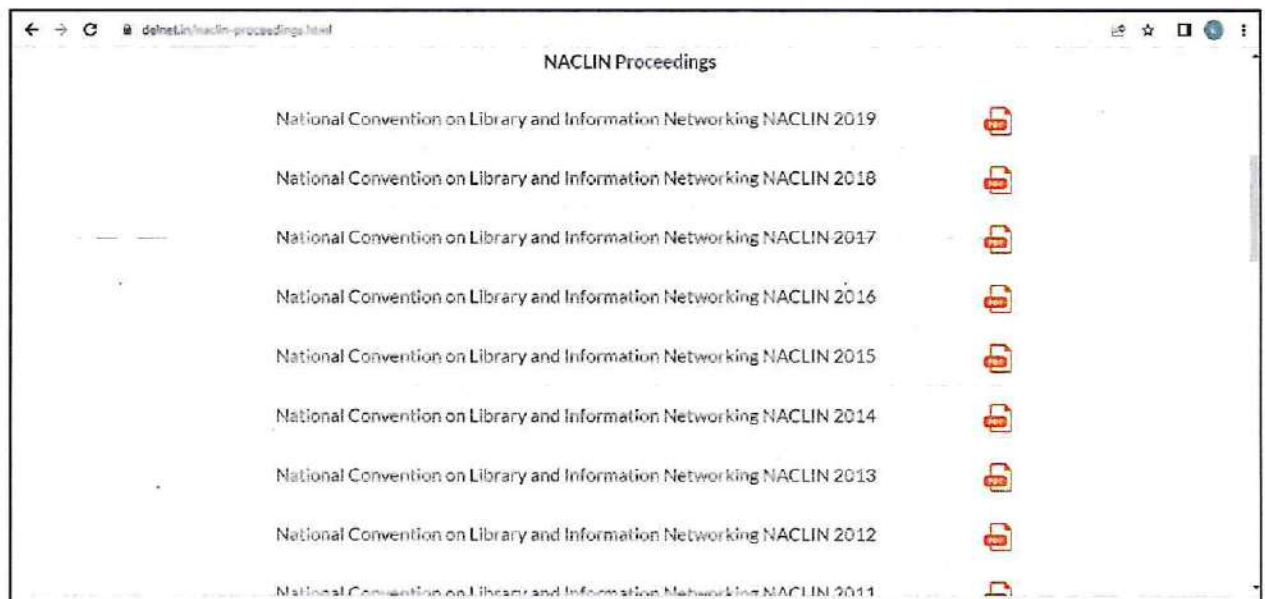
DELNET ONLINE LIBRARY HOME PAGE



**Criterion II
 Teaching-Learning and Evaluation**



DELNET ONLINE LIBRARY ENTRY PAGES



DELNET ONLINE LIBRARY PROCEEDINGS

AD
PRINCIPAL

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