



Digital Empowerment & Capacity Building

Nageshwar Rao
VC IGNOU

DIGITAL EMPOWERMENT



Digital empowerment refers to the ability of an individual to use **digital technologies** effectively.

Capacity building plays important role in strengthening **digital capacities and skills** to navigate the **digitized world**.



Major Digital Interventions in Higher Education

SWAYAM

India MOOCs, Best-in-Class Instructors Empowering with knowledge and skills.

Virtual Labs

Provides remote-access to simulation-based Labs in various disciplines of Science and Engineering

Social Media

Access to Learners

SAMARTH –

e- Governance Suite for HEIs



SWAYAM Prabha

DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite.

Online Learning

Launch of Online Programmes

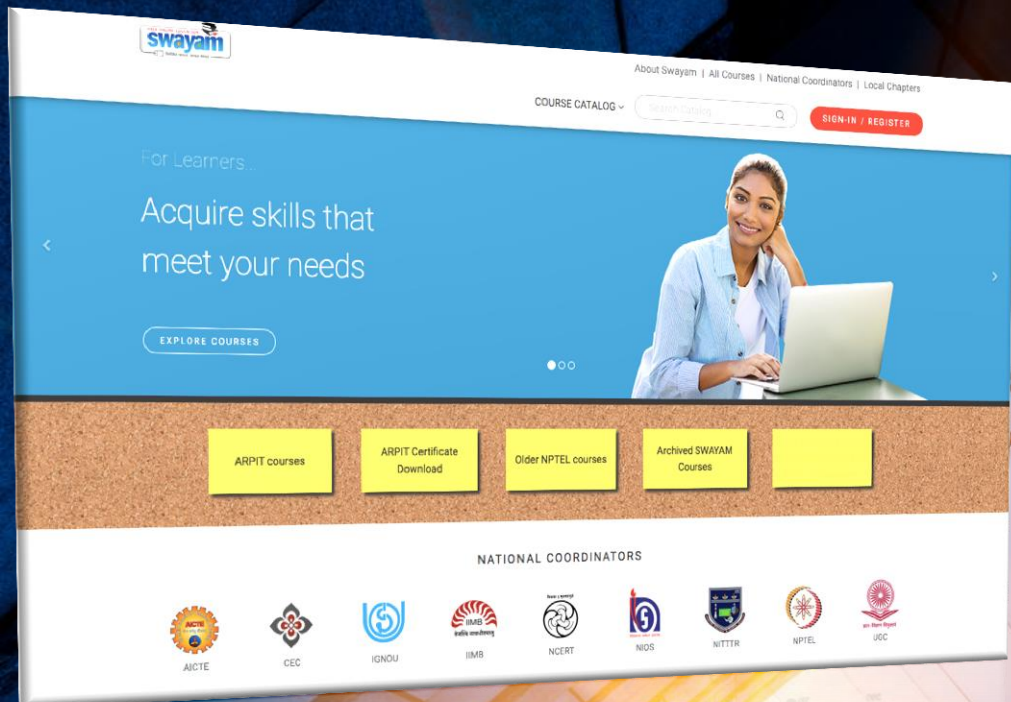
NDLI

National Digital Library of India (NDLI) a virtual repository of learning resources

A SWAYAM: India MOOCs

SWAYAM launched on 9th July 2017
Present Status:

- Unique Courses – 3095 Approx.
- Total Listed courses – 10,451
- Total Enrollments – 3.52 crores
- Unique Registration on Portal : 1.09 crores
- Certificates Issued – 19.98 Lakhs
- Universities approved Credit Transfer : 289



NATIONAL PARTNERS



AICTE



CEC



IGNOU



IIMB



NCERT



NIOS



NITTTR



NPTEL



ज्ञान-विज्ञान विमुक्तये
UGC

SWAYAM Content: Four Quadrant Approach



- ✓ High quality **video lectures** & multi-media instructions by subject matter experts



- ✓ e-Content – **self instructional Text** material, e-Books, OERs, open access material



- ✓ **Assignments, Quiz,**
- ✓ Problems and Solutions.



- ✓ **Discussion forum:** for raising of doubts and clarifying them on a near real time basis

- **Translation into 12 Regional Languages**
- **894 Courses have been translated so far**

- ✓ **Term End Examination:** conducted by NTA, award of credits/grades by Host Institute



IGNOU- National Coordinator of SWAYAM

**190 Credit Courses
on SWAYAM
Ongoing for
January 2023
&
222 Courses on
Offer for July 2023**

IGNOU SWAYAM COURSES

CURRENT STATUS: JANUARY 2023

CONSOLIDATED SHEET-RUN_WISE

CYCLE	RUN	TOTAL COURSES	TOTAL ENROLLMENT	TOTAL APPEARED FOR THE EXAM	TOTAL PASSED
(JUL -2017)	1 st Run	11	15130	Not Applicable	Not Applicable
(JUL -2018)	2 nd Run	13	21784		
(JAN-2019)	3 rd Run	10	9792	318	243
(JUL-2019)	4 th Run	16	39550	953	771
(JAN-2020)	5 th Run	21	56570	680	561
(JUL-2020)	6 th Run	73	153094	1607	1114
(JAN-2021)	7 th Run	106	264854	4906	3494
(JUL- 2021)	8 th Run	129	201408	4217	3181
(JAN-2022)	9 th Run	151	217187	5639	4357
(JUL- 2022)	10 th Run	185	250592	16284	NA
(JAN-2023)	11 th Run	190	189444	NA	NA
	Total	905	1419405	34604	13721

SWAYAM Credit Transfer Policy

UGC Gazette Notification
(March 25, 2021) permitting
40% credit transfer per
semester

रजिस्ट्री सं. डी.एल.- 33004/99

REGD. No. D. L.-33004/99


भारत का राजपत्र
The Gazette of India

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PUBLISHED BY AUTHORITY

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नई दिल्ली, बृहस्पतिवार, मार्च 25, 2021/चैत्र 4, 1943
NEW DELHI, THURSDAY, MARCH 25, 2021/CHAITRA 4, 1943

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अधिसूचना

नई दिल्ली, 25 मार्च, 2021

MOOCs OFFERED BY
SWAYAM ARE NOW
ELIGIBLE FOR
CREDIT MOBILITY



Credit Transfer of IGNOU Swayam Courses

IGNOU-SWAYAM Courses have been widely accepted by various universities across India. Details of the credit transfer for the IGNOU-SWAYAM courses offered during JUL-2021:

129

Total Courses Offered

102

Total Courses Adopted

3681

Total Students

126

Total Universities

24

States

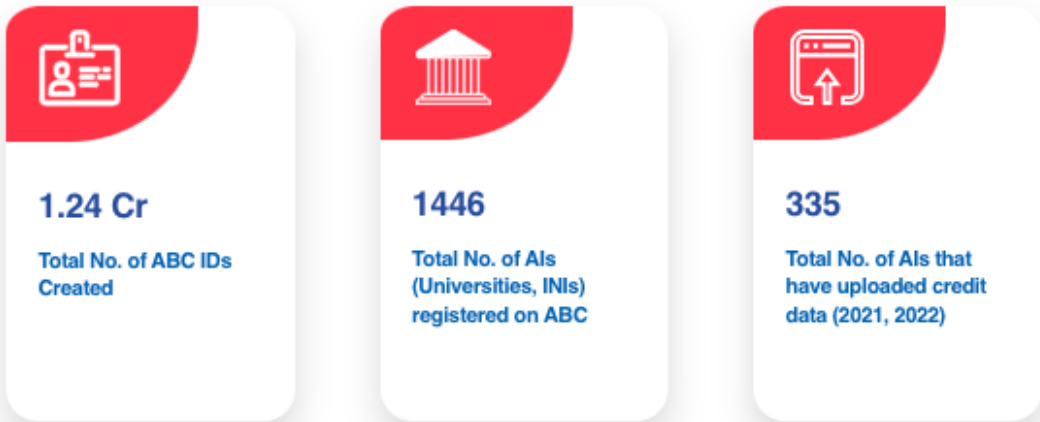
TOP FIVE COURSES ADOPTED BY MAXIMUM NUMBER OF UNIVERSITIES

Course Title	Host University	No. of University*	No. of Students
Introduction to Cyber Security	UOU	44	216
Android Mobile Application Development	BAOU	28	152
CIT-001: Fundamentals of Computer Systems	IGNOU	24	146
MEV-002: Environmental and Occupational Hazards	IGNOU	24	128
BCOE-141: Principles of Marketing	IGNOU	20	46

TOP FIVE COURSES ADOPTED BY MAXIMUM NUMBER OF STUDENTS

Course Title	Host University	No. of University*	No. of Students
BCOC-132: Business Organisation and Management	IGNOU	18	868
Introduction to Cyber Security	UOU	44	216
MSD-012: Ecosystem and Natural Resources	IGNOU	13	167
Android Mobile Application Development	BAOU	28	152
CIT-001: Fundamentals of Computer Systems	IGNOU	24	146

Academic Bank of Credits (ABC)



Credit Bank for Students
Students can accumulate credits from prior learning experiences

The screenshot shows the ABC website homepage with the following content:

- Header: ACADEMIC BANK OF CREDITS, Ministry of Education, Government of India, My Account
- Main Title: Academic Bank of Credits
- Sub-Title: Enabling students mobility across Higher Education Institutions
- Tagline: Helps in seamless integration of skills and experiences into a Credit Based system
- Illustration: A student interacting with a large smartphone displaying the ABC logo.
- Diagram: 'How it works?' showing the flow from Institution A to ABC (Transfer of Credits) and then to Institution B (Redeem Credits).

IGNOU's Participation in the ABC Portal & NAD

The University Registered on the ABC Portal
on September 6, 2021

ABC Student Accounts Created as on Date
20, 21, 508

Unique Credit Data Linked with Student ABC ID
3, 23, 384

Total Processed Degree on DigiLocker (NAD)
31,16,995

B SWAYAM PRABHA: EDUCATIONAL DTH CHANNELS

NATIONAL PARTNERS

BISAG

M/s Electronics Corporation of India Limited (ECIL) and Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG) set up the Uplinking station at BISAG

INFLIBNET

Portal for Programme schedule and video archival.



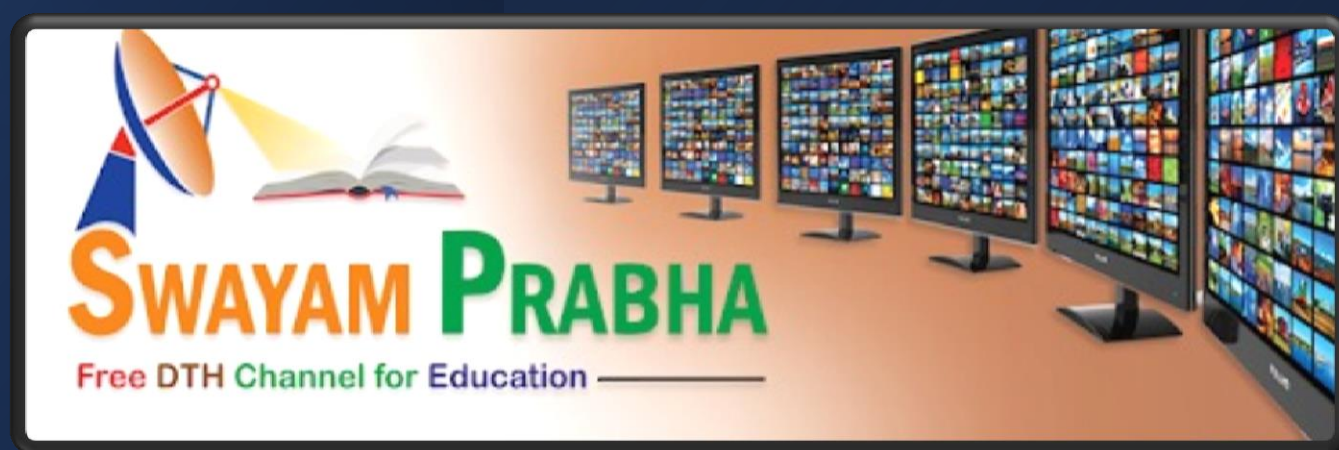
Dept. of Space

Department of Space allocated two transponders in GSAT-15



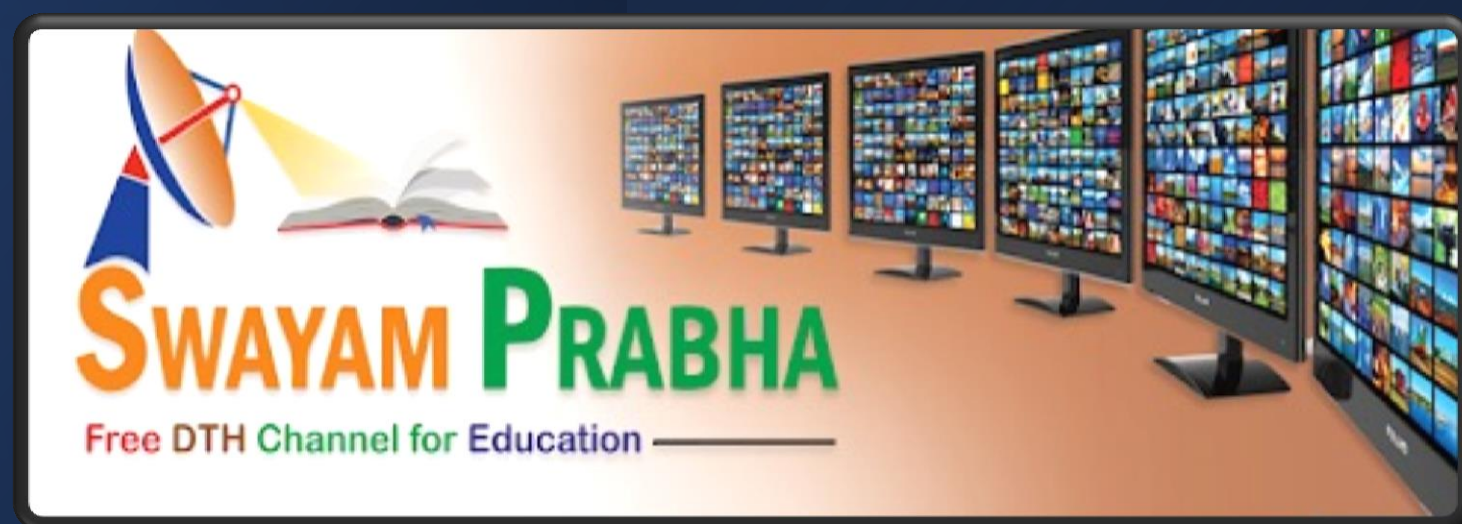
Content (NPTEL, IITs, UGC, CEC, IGNOU, NCERT, NIOS)

Content Providers: 4 hour of content everyday for each channel



SWAYAM PRABHA: EDUCATIONAL DTH CHANNELS

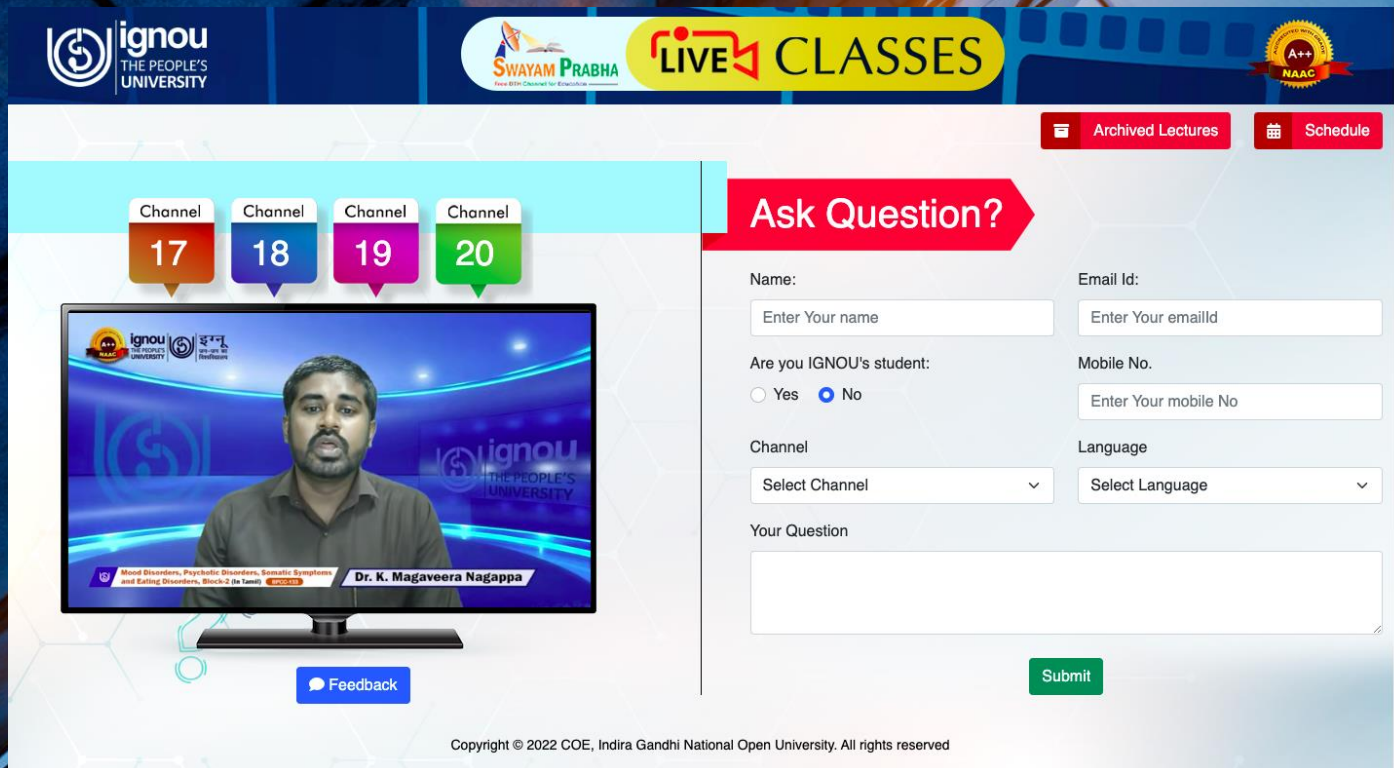
- High quality educational programs 24*7 through 34 DTH channels
- Around 1.10 lakh total unique videos have been telecasted.
- 6+ crores total views on YouTube since inception



SWAYAMPBABHA Available on:



Teaching in Mother Tongue/ Regional Languages through SWAYAM PRABHA Channels of IGNOU



ignou THE PEOPLE'S UNIVERSITY

SWAYAM PRABHA LIVE CLASSES

Channel 17 Channel 18 Channel 19 Channel 20

Ask Question?

Name:

Email Id:

Are you IGNOU's student:
 Yes No

Mobile No.

Channel:

Language:

Your Question

Submit

Feedback

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Live Sessions in Regional Languages
(Conducted 4500+ sessions since January 6, 2022)

- Hindi
- Assamese
- Bengali
- Odia
- Tamil
- Telugu
- Kannada
- Malayalam
- Gujarati
- Marathi
- Punjabi
- Urdu
- English

C SAMARTH PORTAL

Project Initiative By

MoE, Ministry of Education,
Government of India

Designed & Developed By

Institute of Informatics & Communication,
University of Delhi

Project under **National Mission in Education through ICT**

- “An Open Source, Open Standard enabled Robust, Secure, Scalable and Evolutionary Process Automation Engine for Universities and Higher Education Institutions.”
- automation engine designed for various HEIs across India to help them migrate from paper, unreliable third-party ERP systems to a system that is more secure, reliable and scalable.

09

Essential
Packages

40+

Samarth
Modules

40+

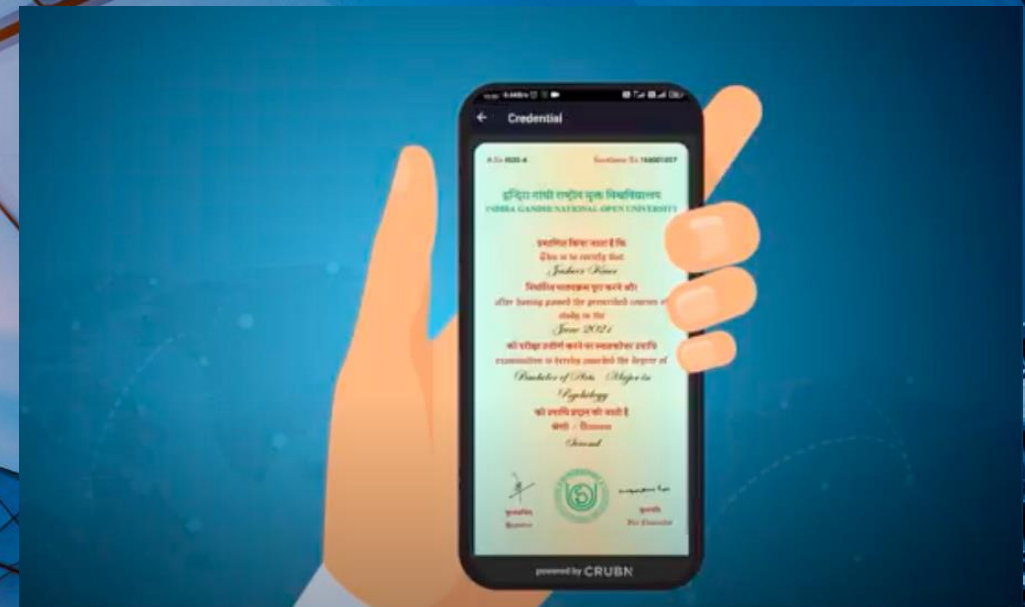
Central Universities
Selected

100%

Automation Engine
for Universities

Digital Empowerment of Learners @ IGNOU

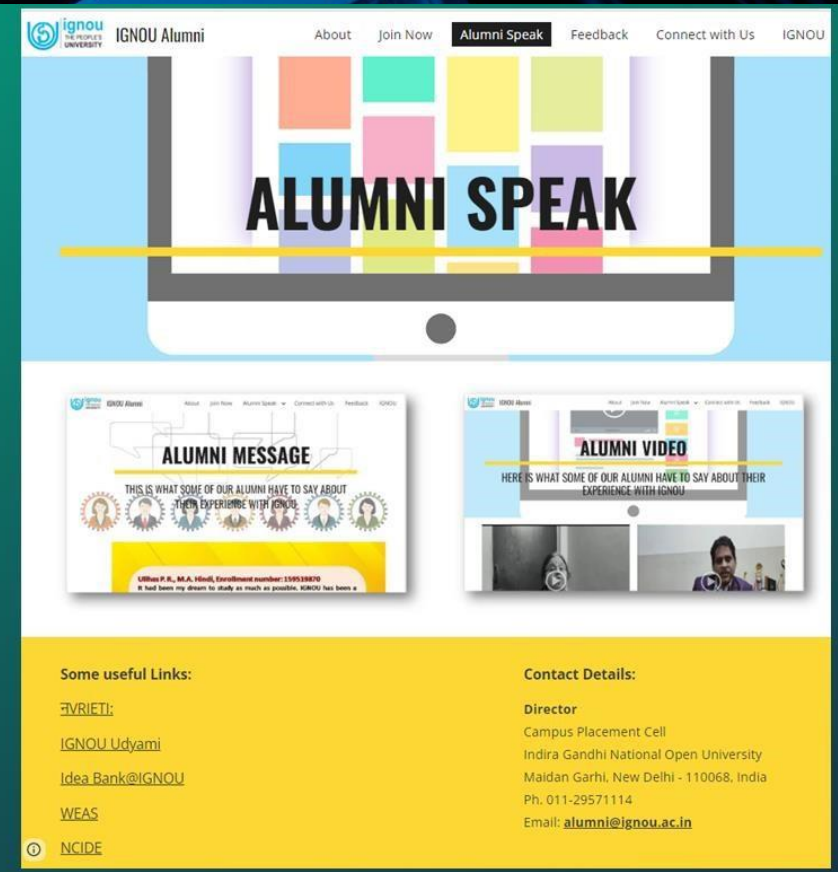
Block Chain Based Degrees issued on 35th and 36th Convocations



Digital Empowerment of Learners @ IGNOU

Alumni Connect

DIGITAL ALUMNI PLATFORM



- Online Alumni Portal has 66834 + active passed-out learners
- The university regularly conducts Alumni Meets on Sundays

Migration of IGNOU's University Management System on the SAMARTH Portal

The screenshot shows the 'IGNOU Employee Portal' login interface. On the left, there is a 'Sign In' form with fields for 'Username/Registered Email' and 'Password', a captcha verification section with the number '4546718', and a 'Remember Me' checkbox. A 'Proceed' button is at the bottom of the form. On the right, there is an 'About Samarth eGov Suite' section with descriptive text and a 'Get Started - Video Guide' section featuring a video player for 'Samarth Introductory Video'. Below the video, there are 'Useful Links' for 'Reference Material', 'Samarth eGov', and 'IIC, UDSC'.

E-Governance and UMS

- Back-office Automation
- Student Lifecycle

D National Digital Library of India (NDLI)



- ❑ Repository of e-content on multiple disciplines from primary to PG levels.
- ❑ Approx. **9.1 crores content** (Text / Audio / Video / Simulation / Graphics) , harvested from **602 sources**; in **400+ languages**

NDLI is an all-digital library that stores information (metadata) of different types of digital contents including books, articles, videos, audios, thesis and other educational materials relevant for users from varying educational levels and capabilities. NDLI is available on all popular forms of access devices including mobile apps on Android and iOS platforms

❑ Around **77 lakh Registered Users**

E Virtual Labs

26 Jul, 2023 | 03:58:44 AM

Visitors 17697494



An Initiative of
Ministry of Education
Under the National Mission on Education through ICT



HOME ABOUT US BECOME NODAL CENTER OUTREACH PORTAL PARTICIPATING INSTITUTES NMEICT CONTACT US



National Partners:

IIT Delhi, IIT Kanpur, IIT Bombay, IIT Madras, IIT Kharagpur, IIT Guwahati, IIT Roorkee, IIIT Hyderabad, Amrita University, Dayalbagh University, NIT Surathkal, COE Pune.

- Over **1300+ experiments** are currently available.
- **40+ lakhs students** benefitted
- Labs in Social Sciences and Humanities (Language Labs) needs to be added

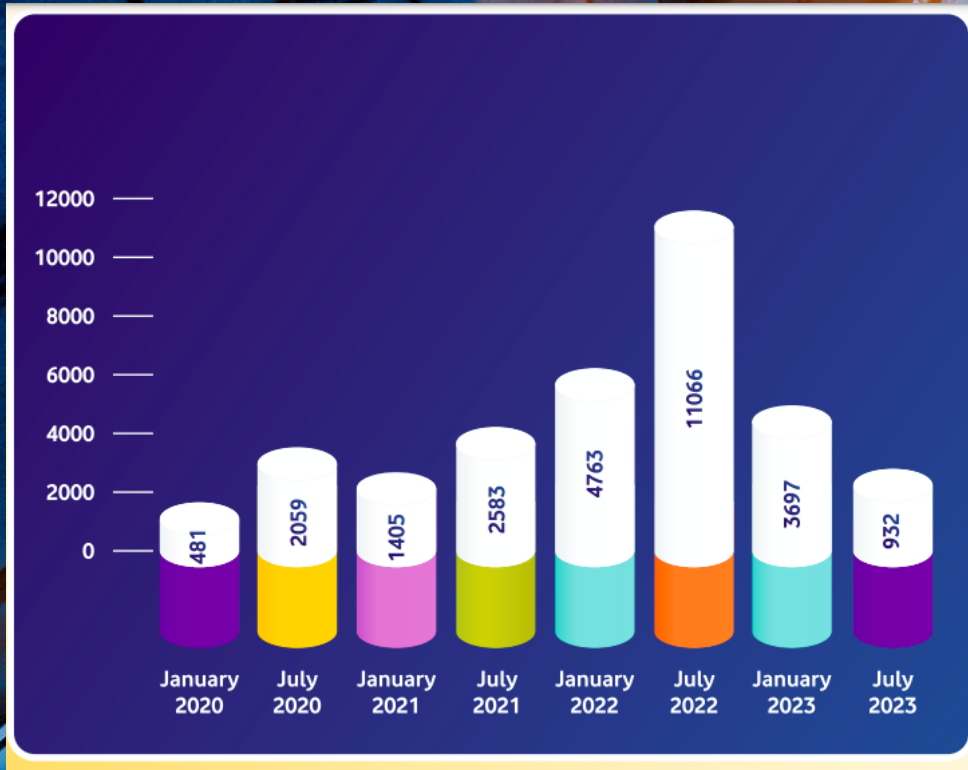


F Online Programmes

- UGC Online Regulations 2018
- UGC ODL & Online Regulation 2020
- **67** Universities recognised for offering Online Programmes
- **366** online programmes approved by DEB, UGC
- **44** Online Programmes of IGNOU
- IIT Madras **BSc Degree Programmes in Programming and Data Science**

Digital Empowerment of Learners @ IGNOU

44 online programmes on in-house LMS



TOTAL – 26,968 LEARNERS

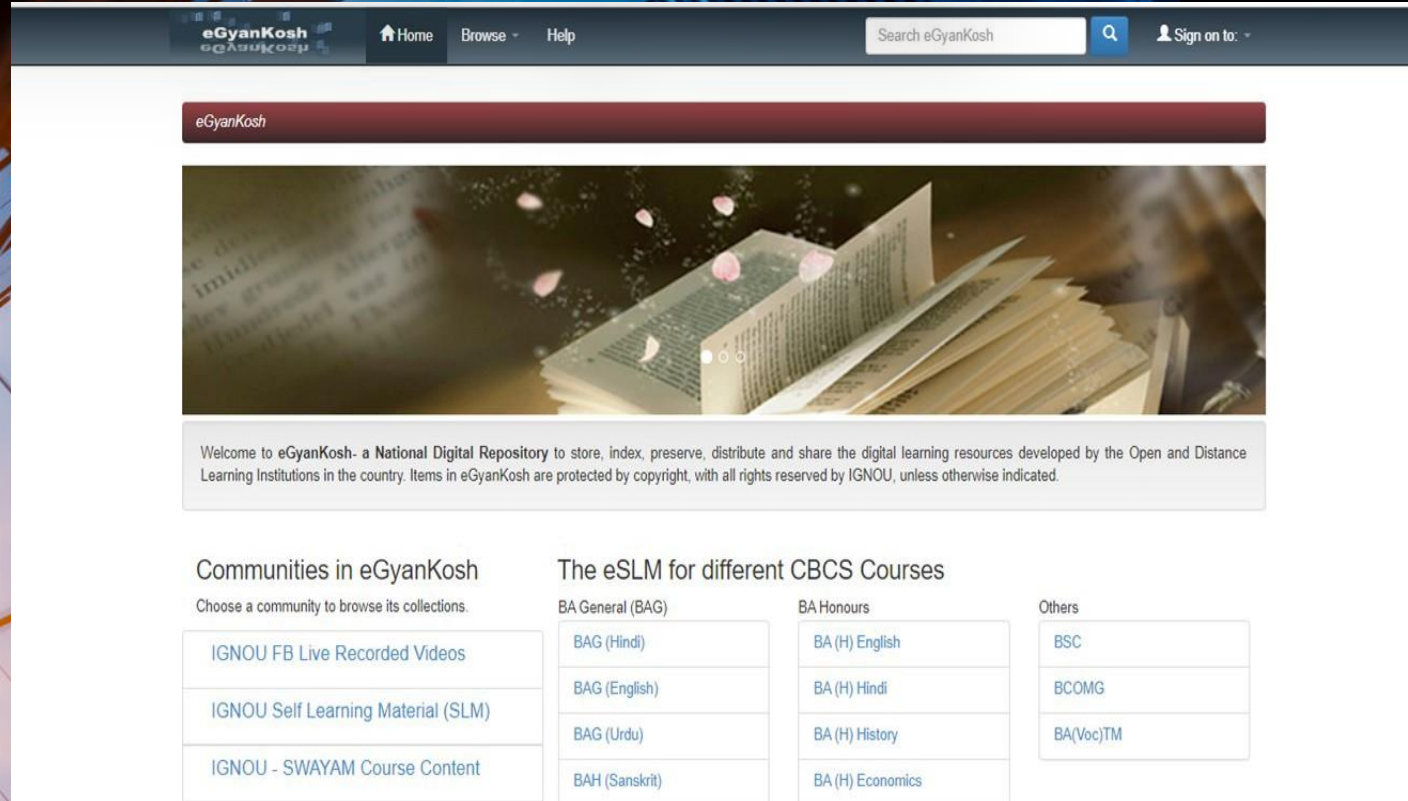
NOTE: JULY 2023 ADMISSION IS IN PROGRESS

Session Wise Online Programmes on Offer

SL No.	Admission Year	Certificate	Diploma	PG Certificate	PG Diploma	Bachelor Degree	Master Degree	Total Programmes
1	January-2020	03	00	00	00	00	00	03
2	July-2020	07	01	02	01	01	03	15
3	January-2021	07	01	02	01	02	03	16
4	July-2021	07	01	02	02	03	03	18
5	January-2022	12	03	02	04	05	08	34
6	July-2022	13	04	02	07	05	10	41
7	January-2023	13	04	02	08	05	11	43
8	July-2023	13	04	02	08	05	12	44

Digital Empowerment of Learners @ IGNOU

Students opting for digital content get 15% rebate in admission fee.



eContent App users:
22,19, 507

eGyankosh 15,357,528 users
and 253,991, 956 Pageviews

Digital Empowerment of Learners @ IGNOU

Reaching the Last Mile through Electronic Media

State- of- the- Art Electronic Media Production and Broadcasting Facility



- One 24x7 Gyan Darshan TV Channel
- 10 Gyan Vani FM Radio Stations

Modernization of EMPC:
from Standard Definition (SD)
format studios to transmit in
High Definition (HD) format.

- Improvement and Upgradation of Studios.
- Upgradation of Editing Suites
- Digitalization of Audio/Video Library and archiving of Audio/Video content
- Server Upgradation
- Upgradation of Earth Station

G Digital Empowerment and Social Media

781867
Facebook &
Twitter followers

Facebook, Twitter and Instagram Reach

	Facebook (Followers)	Facebook (Likes)	Twitter (Followers)	Instagram
HQ	113157	70000	126148	28300
RC	255302	145021	43939	-
Total	368459	215021	170087	28300

CAPACITY BUILDING



Capacity Building @ National Level

- HRDCs in HEIs: **66**
- PMMMNMTT (MoE): **95** (located in CUs, SUs, IITs, NITs, IISERs, NITTTR, DTBUs, CF-HEIs)
- AICTE ATAL Academy
- 4 NITTTRs (Bhopal, Chandigarh, Chennai, Kolkata)

Capacity Building Programmes

Issues in Continuous Professional Development Programmes (CPDPs)

- **At four levels of career: Newly Appointed, Mid-Career, Senior Level and Top Level.**
- **Standardised in terms of nomenclature, broad content area and duration.**
- **The design, structure and pedagogy of CPDPs be revisited to incorporate new elements/components aligned with NEP 2020.**
- **Organised in blended mode (depending upon the nature of CPDP, 20 to 50 % component may be offered in online mode).**
- **Open-source software and open resources should be used extensively for developing CPDPs.**
- **A repository of all the resources for CPDPs be shared for its optimum utilization.**

Capacity Building Activities @ IGNOU

Staff Training & Research Institute of Distance Education (STRIDE), IGNOU

- **National training/ capacity building/ CPD centre for training** of teaching, academic, technical and professional, and non-teaching staff at IGNOU, State OUs, university DEIs on various aspects of Distance/ Open/ Online/ Blended Learning; and for all HE Institutions on all aspects of NEP-2020.
- **Workshops/ Training Programmes Organised: 46**
- **Total Participants Attended and Certified: 1446**
- **Number of HEIs Covered: 405**

Capacity Building Programmes

Major Initiatives @ IGNOU

The Ministry of Skill Development and Entrepreneurship (GOI) has identified IGNOU as a knowledge partner for the implementation of the Skill Acquisition and Knowledge Awareness for Livelihood Promotion (**SANKALP**) project. MSDE has allocated Rs. 10.50 Crores to **train 4000 District Skill Committee members in 400 districts.**



Capacity Building Programmes

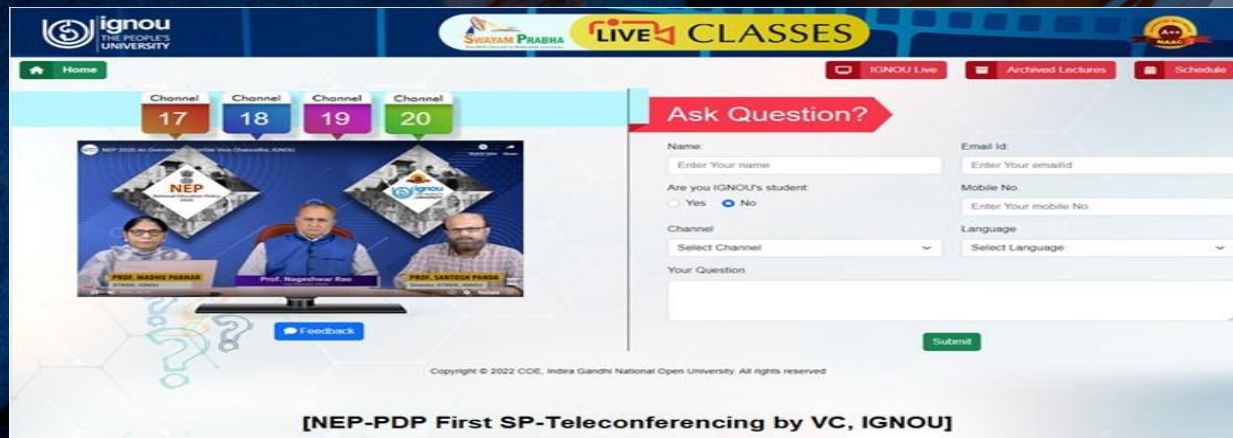
Major Initiatives @ IGNOU



IGNOU and Dattopant Thengadi National Board for Workers Education and Development (DTNBWED) signed MoU to collaborate for the **education, skilling, upskilling and reskilling** around **30 crores** workforce engaged in organized and unorganized sectors in the country.

Digital Empowerment and Capacity Building Activities @IGNOU

Capacity Building on NEP-2020: Workshops organised during 2021-23:



14 Batches of NEP-PDP passed out
55,616 teachers participated in the programme
&
29,428 completed (pass rate 52.91%) the
Programme

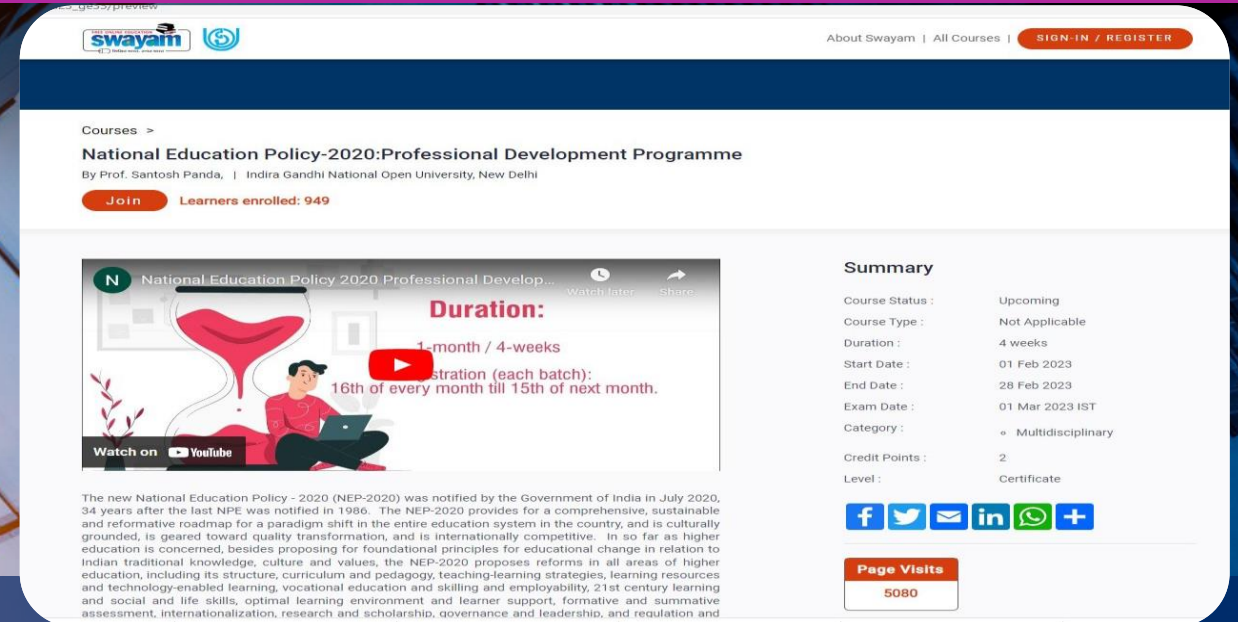
- Launched: August 2022 (continuing)
- SAMARTH national platform for registration;
- SWAYAM Vertical-II for programme delivery (14 units in English and Hindi, 31 videos on NEP-2020, Discussion Forum, Online Test);
- SWAYAM PRABHA Channel-20 and YouTube for conferencing.

Digital Empowerment and Capacity Building Activities @IGNOU

Capacity Building of HE Administrators and General Practitioners on NEP-2020

- Launched: February 1, 2023 (by the Hon'ble Minister of State for Education, GoI)
- Total Enrolled: 4327
- Total Passed and Certified: 1869 (43.19% pass rate) (continuing)

The 2-credit (60 hours) Swayam course runs every month, and comprises Digital content (14 units in English and Hindi), Videos (N= 21), Discussion Forum, and Online Test.



The screenshot shows the Swayam course page for 'National Education Policy-2020: Professional Development Programme' by Prof. Santosh Panda at IGNOU. The page features a video player with a thumbnail showing a person sitting at a desk with a laptop, and a 'Duration: 1 month / 4-weeks' badge. A summary table on the right provides details about the course status, type, duration, dates, exam date, category, and credit points. A 'Page Visits' badge shows 5080 visits.

Summary	
Course Status :	Upcoming
Course Type :	Not Applicable
Duration :	4 weeks
Start Date :	01 Feb 2023
End Date :	28 Feb 2023
Exam Date :	01 Mar 2023 IST
Category :	• Multidisciplinary
Credit Points :	2
Level :	Certificate



Thank You
vc@ignou.ac.in