

**SWAYAM PRABHA**  
**Channel -20**  
**(State Open Universities &**  
**Teacher Education)**

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**Dr. G. Mythili**  
**Dr. Gaurav Singh**  
**Channel Coordinators,**  
**Channel -20**

# SWAYAM PRABHA

The SWAYAM PRABHA is a group of 34 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite.

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Every day, there will be new content for at least (6) hours which would be repeated 3 more times in a day, allowing the students to choose the time of their convenience.

The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS.

The INFLIBNET Centre maintains the web portal.

At present it has 34 channels ; Titles: 2,83,6099(as on 17<sup>th</sup> Sept, 2020)

# COVERAGE BY SWAYAM PRABHA DTH CHANNELS

**Higher Education:** Curriculum-based course contents at post-graduate and under-graduate level covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture, etc. All courses would be certification-ready in their detailed offering through SWAYAM, the platform being developed for offering MOOCs courses.

**School education:** modules for teacher's training as well as teaching and learning aids for children of India to help them understand the subjects better and also help them in preparing for competitive examinations for admissions to professional degree programmes.

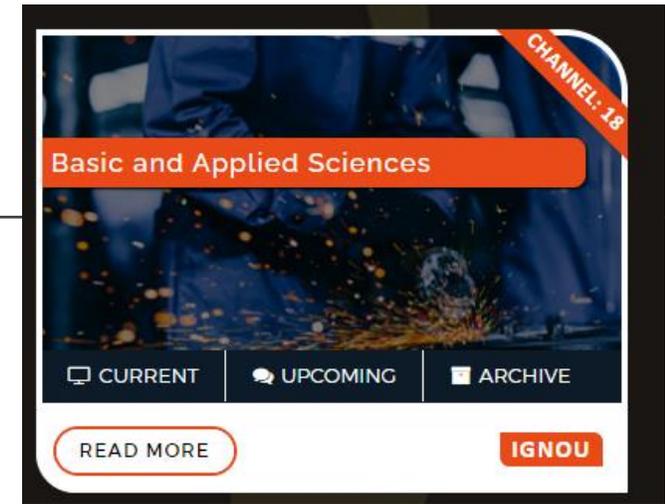
Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.

Assist students (class 11th & 12th) prepare for competitive exams.

# IGNOU - SWAYAM PRABHA CHANNELS -17, 18, 19 & 20



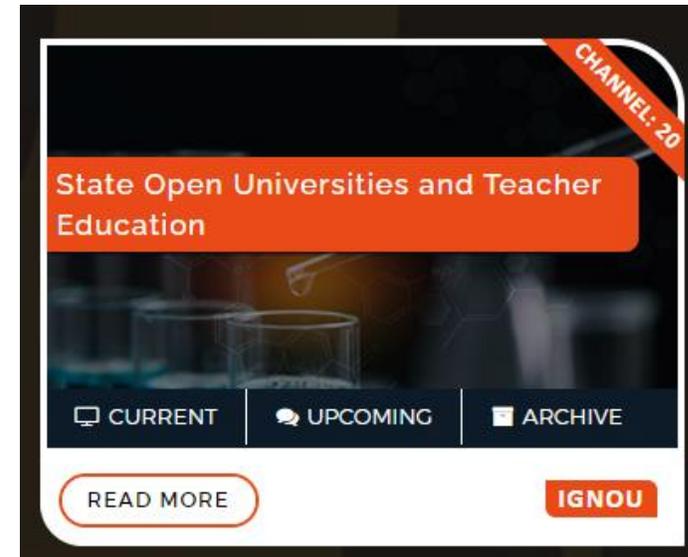
Channel 17: Social Sciences and Humanities. The banner features a close-up of interlocking black gears. The text 'Social Sciences and Humanities' is displayed in white on an orange background. Navigation options include 'CURRENT', 'UPCOMING', and 'ARCHIVE'. A 'READ MORE' button and the 'IGNOU' logo are at the bottom.



Channel 18: Basic and Applied Sciences. The banner shows a person in a blue lab coat with a glowing blue globe and particles. The text 'Basic and Applied Sciences' is displayed in white on an orange background. Navigation options include 'CURRENT', 'UPCOMING', and 'ARCHIVE'. A 'READ MORE' button and the 'IGNOU' logo are at the bottom.



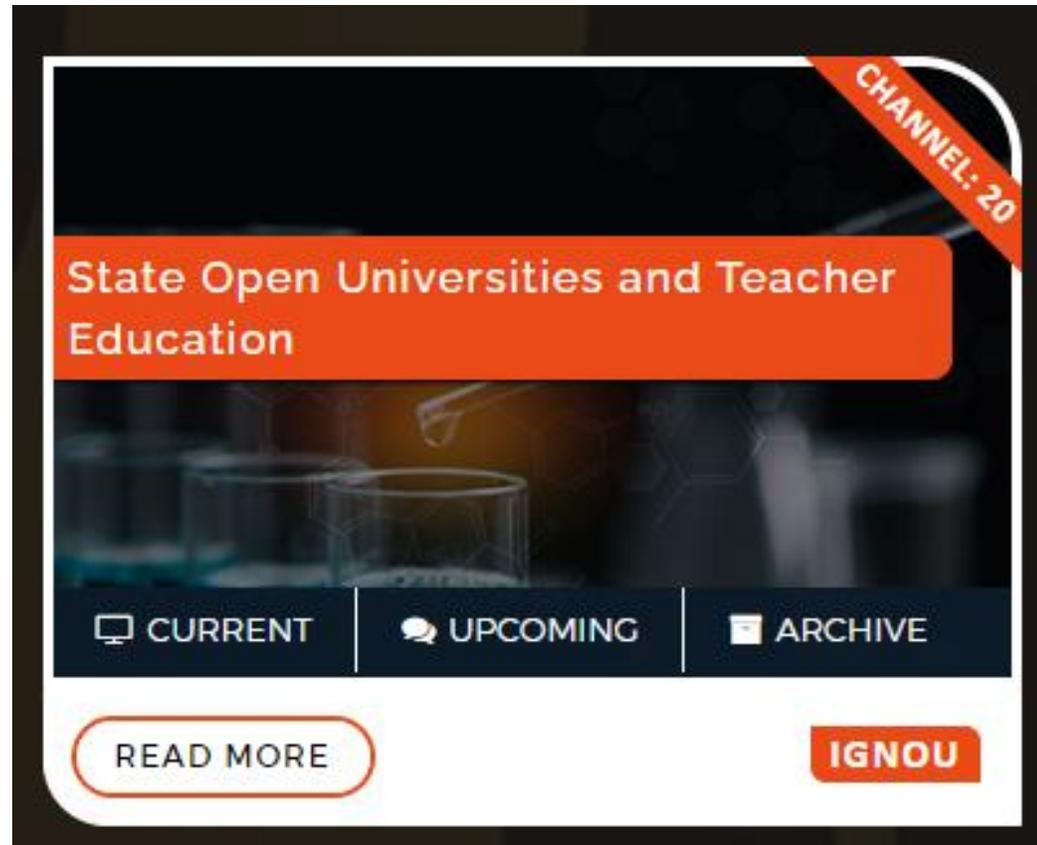
Channel 19: Professional and Vocational Education. The banner features a blue DNA double helix structure. The text 'Professional and Vocational Education' is displayed in white on an orange background. Navigation options include 'CURRENT', 'UPCOMING', and 'ARCHIVE'. A 'READ MORE' button and the 'IGNOU' logo are at the bottom.



Channel 20: State Open Universities and Teacher Education. The banner shows laboratory glassware with blue liquid. The text 'State Open Universities and Teacher Education' is displayed in white on an orange background. Navigation options include 'CURRENT', 'UPCOMING', and 'ARCHIVE'. A 'READ MORE' button and the 'IGNOU' logo are at the bottom.

# SWAYAMPRABHA CHANNEL-20 (State Open Universities & Teacher Education)

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# SWAYAMPRABHA CHANNEL -20

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## STATE OPEN UNIVERSITIES

Dr.B.R. Ambedkar Open University (BRAOU)  
Vardhaman Mahaveer Open University (VMOU)  
Nalanda Open University (NOU)  
Yashwantrao Chavan Maharashtra Open University (YCMOU)  
Madhya Pradesh Bhoj Open University (MPBOU)  
Dr. Babasaheb Ambedkar Open University (BAOU)  
Karnataka State Open University (KSOU), Mysore  
Netaji Subhas Open University (NSOU), Kolkata  
UP Rajarshi Tandon Open University (UPRTOU)  
Tamil Nadu Open University (TNOU)  
Pt. sundarlal sharma Open University (PSSOU)  
Uttarakhand Open University  
Krishna Kanta Handiqui State Open University  
Orissa State Open University

# INDIRA GANDHI NATIONAL OPEN UNIVERSITY

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SCHOOL OF EDUCATION (SOE)

&

STAFF TRAINING AND RESEARCH INSTITUTE OF DISTANCE EDUCATION  
(STRIDE)

# Benefits of Channel – 20

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This channel covers SOE and STRIDE from IGNOU and SOUs.

To schedule the videos of popular courses to be telecast.

It will help as a supplementary channel for Academic Counseling Activities.

Can do LIVE sessions.

Can be used to disseminate information of School's programmes.

# Contd...

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Will contribute towards high-quality video programmes.

Will use the services of the Experts in the field.

More visibility for the respective school of study.

More popularity for the programmes.

Programmes / School will get national exposure.

Will contribute towards the growth of the nation.

# Contact Information Sheet

Channel Name	Channel 20 - State Open Universities and Teacher Education	
Managed By	IGNOU	
Domain Name	State Open Universities and Teacher Education	
National Coordinator	Name : Prof. Uma Kanjilal	
	Email : <a href="mailto:ukanjilal@ignou.ac.in">ukanjilal@ignou.ac.in</a>	
	Contact : 9810488895	
Channel Coordinator	Name : Dr. G. Mythili	Dr. Gaurav Singh
	Email : <a href="mailto:gmythili@ignou.ac.in">gmythili@ignou.ac.in</a>	Email : <a href="mailto:gaurinedu@ignou.ac.in">gaurinedu@ignou.ac.in</a>
	Contact : 9810785250	Contact : 9582416365
Technical Coordinator (COE)	Name : Dr. K.Gowthaman	
	Email : <a href="mailto:gowthaman@ignou.ac.in">gowthaman@ignou.ac.in</a>	
	Contact : 9810408250	

# Sample Schedule Sheet

Month	Date (only date i.e. 1 to 31)	Week	Video slot ( sequence of 6 hour video slot i.e. 1,2,3,4,5,6,7,8....n)	Video Sr No (as per 'VIS' sheet)
September	7	29	1	120
September	7	29	2	78
September	7	29	3	82
September	7	29	4	83
September	7	29	5	84
September	7	29	6	85
September	7	29	7	86
September	7	29	8	87
September	7	29	9	88
September	7	29	10	70
September	8	29	1	207
September	8	29	2	94
September	8	29	3	95

# Video Information Sheet

Ownership	Fields	Type	Help Instructions
CC	Video Sr No	MI	Unique Number.
CC	Subject	MI	Name of subject
CC	Course Name	MI	Name of Course
CC	Title	MI	Name of title (not video file name)
CC	Duration	MI	Video duration of the lecture. hh:mm:ss format
CC	Video (File) Name	MI	
CC	Name of Presenter	MI	
CC	Affiliation	MI	Institute of Presenter
CC	Upload Date	MI	
CC	Abstract of the video	ML	Brief abstract of the video
CC	Keywords	ML	Keywords
CC	Target User	ML	UG/PG/DIPLOMA/OTHER/ETC
CC	Language	ML	

# SWAYAM PRABHA DTH - VIDEO FILE FORMAT

Sr. No.	Details	Parameters
1	Supported File Format	AVI, MP4, MOV, MXF
2	Video Resolution	(i) 1920*1080 (ii) 720*576
3	Audio Sampling Rate	48 KHz
4	Frame Rate	25 FPS
5	Overall Bit Rate	More than 2.5 Mbps



<https://www.swayamprabha.gov.in/>

The screenshot shows the Swayam Prabha website interface. At the top, there is a navigation bar with links for HOME, ABOUT US, SEARCH, HIGHER EDUCATION, SCHOOL EDUCATION, and ARCHIVE VIDEOS. Below this is a large banner with two main category buttons: HIGHER EDUCATION (orange) and SCHOOL EDUCATION (green). Underneath the banner are five service buttons: Program Schedule, Archive Videos, Higher Education, School Education, and How to Access DTH Channel. To the right of these buttons are portraits and names of Shri Narendra Modi (Hon'ble Prime Minister of India) and Shri Ramesh Pokhriyal 'Nishank' (Hon'ble Minister of Education). The main content area features a video player showing a man speaking, with a play button overlay. To the right of the video is the 'ABOUT SWAYAM PRABHA' section, which includes a paragraph describing the service and a 'READ MORE' button. At the bottom, there is a dark blue footer with the text 'DTH CHANNELS: HIGHER EDUCATION' and a 'VIEW ALL +' button. The Windows taskbar is visible at the very bottom of the image.

Image: Hands drawing a target on a board

CURRENT, UPCOMING, ARCHIVE

READ MORE NPTTEL

Image: Keyboard keys

CURRENT, UPCOMING, ARCHIVE

READ MORE IGNOU

Image: Night sky with stars

CURRENT, UPCOMING, ARCHIVE

READ MORE IGNOU

Image: Microscopic view of cells

CHANNEL-19

Professional and Vocational Education

CURRENT, UPCOMING, ARCHIVE

READ MORE IGNOU

Image: Laboratory glassware

CHANNEL-20

State Open Universities and Teacher Education

CURRENT, UPCOMING, ARCHIVE

READ MORE IGNOU

Image: Chalkboard with math equations

CHANNEL-21

Vyas

CURRENT, UPCOMING, ARCHIVE

READ MORE CEC/UGC

Image: Hands holding a molecular model

CHANNEL-22

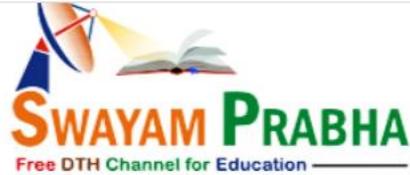
IIT PAL

CURRENT, UPCOMING, ARCHIVE

READ MORE NPTTEL

# Channel - 20 Programme Schedule

[https://www.swayamprabha.gov.in/index.php/program/current\\_he/20](https://www.swayamprabha.gov.in/index.php/program/current_he/20)



- HOME
- ABOUT US
- SEARCH
- HIGHER EDUCATION
- SCHOOL EDUCATION
- ARCHIVE VIDEOS



CURRENT

UPCOMING

ARCHIVE

SELECT CHANNEL : Channel 20: IGNOU: State Open Universities and Teacher Education

Show 10 Entries

Search:

No.	Topic	Language	Subject	User Category	Telecast Date	Day	Time
1	CDS/ISIS for Windows - An Introduction	English	Library Science & Computer Science	OTHER	18-09-2020	Friday	Repeat Time
2	A Brief Introduction	Bengali	Sociology	OTHER	18-09-2020	Friday	Repeat Time
3	A Brief Introduction	Bengali	Sociology	OTHER	18-09-2020	Friday	Repeat Time

## Archived Videos

[https://www.swayamprabha.gov.in/index.php/program/archive\\_he/20](https://www.swayamprabha.gov.in/index.php/program/archive_he/20)

SWAYAM PRABHA Free DTH Channel for Education		HOME ABOUT US SEARCH HIGHER EDUCATION SCHOOL EDUCATION				ARCHIVE VIDEOS	MoE
No.	Topic	Lang	Subject	Category	QR Code	Content	
1	Accreditation	english	Food Science	OTHER			
2	An Introduction to HACCP System Part 1	english	Food Science	OTHER			
3	Microbiology of Cheese	english	Milk Processing	OTHER			
4	Line Pattern Analysis or Road Network Analysis	english	Geography	OTHER			
5	Line Pattern Analysis or Road Network Analysis	english	Geography	OTHER			
6	Origin of the Universe - Recent Theories	english	Geography	OTHER			
7	Origin of the Universe - Recent Theories	english	Geography	OTHER			
8	Digraph & Tree	english	Mathematics	OTHER			
9	Library Classification Terminology	english	Library Sciences	OTHER			
10	AACR - 2R : Structure and Levels of Description	english	Library Sciences	OTHER			

# How to Receive Swayam Prabha Channels

1.

One small sized DTH  
Dish Antenna along  
with  
LNBF (Low Noise  
Block down converter  
Feedhorn)



2. Indoor  
Set-Top-Box (STB)



3. Remote control  
unit for STB

# Receiving Parameters

## Channel No.20

Downlink Frequency: - 11670 Mhz

Polarization: - Vertical

LNB Frequency: - 9750

Symbol Rate: - 29500 Ksps FEC:  $\frac{3}{4}$

One small sized DTH Dish

# Expected contribution from the Nodal officer of SOU

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The Nodal officer coordinates with the respective school of your university and coordinate with the Channel Coordinator for providing videos to be telecast.

Will promote the Channel-20 among the Student-Group of respective programmes.

Will be helping in identifying high quality videos.

Will be helping in scheduling the videos - every month.

Will be helping in coordinating the LIVE session - schedules.

COE will provide support to us.

Also COE will provide help-in-hand to upload the videos on to the designated Google Drive.

# Contd...

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Will be helping in coordinating the video-recordings for any particular course of the respective school.

Will be helping in promoting the programmes of respective schools' by helping the fillers recorded.

Will be helping in placing the information in the programme guides / on the School page of SOU website.

Will be helping in recording the SWAYAM PRABHA course videos for various courses.

Continuous suggestions and feedback for improving the TRP ratings.

And other necessary initiatives in order to promote the channel.

Suggest the Subject Expert / Presenter to give the short synopsis for the video programme.

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THANK YOU