

# UNIVERSITY OF JAMMU

(NAAC ACCREDITED 'A+' GRADE UNIVERSITY)  
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

## NOTIFICATION

It is hereby notified for the information of all concerned that the Vice-Chancellor has been pleased to authorize the adoption of Guidelines for Implementation of SWAYAM PRABHA under CBCS-2020 in the University of Jammu, Jammu from the session 2020-21.

The guidelines are available on the University Website:  
[www.jammuuniversity.ac.in](http://www.jammuuniversity.ac.in).

Sd/-  
DEAN ACADEMIC AFFAIRS

No. F. Acd/I/20/3406-3505  
Dated: 11-11-2020

**Copy to:-**

1. Special Secretary to the Vice-Chancellor, University of Jammu for the kind information of the Worthy Vice-Chancellor please.
2. Sr. P.A. to the Dean Academic Affairs
3. Sr. P.A. to the Registrar/Controller of Examinations/Director, CDC/DIQA
4. All Heads of the Teaching Departments
5. Dean Students Welfare
6. Principals of all affiliated Colleges of the University of Jammu
7.  I/c University Website for uploading this notification alongwith guidelines.
8. Guard File.

*Sumitachama*  
Deputy Registrar (Acad.) 9/11/2020  
9/11  
9/11/20



**UNIVERSITY OF JAMMU**

**PROPOSED**

**GUIDELINES FOR IMPLEMENTATION OF**

**SWAYAM PRABHA**

**UNDER CBCS-2020 ONWARDS**

**AT**

**UNIVERSITY OF JAMMU, JAMMU.  
JAMMU & KASHMIR (UT), INDIA**

*Adoption of Massive Open Online Courses (MOOCs) offered by various National co-coordinators at Swayam Portal for various UG /PG Programmes in the Stream of Sciences, Humanities, Social Sciences, Technology , in Jammu University and for its affiliated colleges.*

# Implementation of SWAYAM PRABHA

## About 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. Every day, there will be new content for at least four hours which would be repeated 5 more times in a day, allowing the students to choose the time slot as per their convenience.

## Procedure of installation & configuration of Swayam prabha Channels

- Procurement of TV set for each department after following purchasing norms one time investment.
- For each TV set a separate setup-box is required, cable wires, separate dish antenna needs to be purchased as per the approved norms one time investment.
- Two-step process for configuring and installing DD Free Dish and Setup box, generally available with all local dish TV dealers for less than Rs. 2,000/- or as per present market price. Local dish supplier will have to do the following:-

**Step 1:** Install DD Free Dish as per the directions given at:

[http://ddindia.gov.in/Technical/Pages/DD-Free-Dish-\(DTH\).aspx](http://ddindia.gov.in/Technical/Pages/DD-Free-Dish-(DTH).aspx)

**Step 2:**

**Set following parameters in the Set-top box for SWAYAM PRABHA Channels:**

- a) Parameters for SWAYAM PRABHA channel No.1 to 17: Satellite: GSAT 15(93.5 degree East), Receive freq.: 11590MHz, Symbol Rate: 29500KSPS, Polarity: Vertical
  - b) Parameters for SWAYAM PRABHA channel No. 18 to 34: Satellite: GSAT 15(93.5 degree East), Receive freq.: 11670MHz, Symbol Rate: 29500KSPS, Polarity: Vertical
- From the local fund at departmental level some amount should be kept for future maintenance purpose (if required).

## Swayam vs Swayam Prabha

- Swayam and Swayam prabha are not same
- Swayam-Prabha is name given to a group of 34 DTH channels devoted to telecasting educational content where as Swayam provides online MOOC courses with a provision of certificate / credit-transfer.

- One can directly contact the Channel Coordinator through below link for giving lecture. [https://swayamprabha.gov.in/index.php/ch\\_allocation](https://swayamprabha.gov.in/index.php/ch_allocation)

## **Purpose**

It is a dedicated portal for SwayamPrabha (<http://www.swayamprabha.gov.in/>) provides

- Programme schedule for all 34 DTH channel available.
- Access of archival videos which have already been telecasted.
- Search-Browse interface for video content for all channels.

## **DTH Service Provider for Swayam prabha channels**

- DD Free Dish and Dish TV only.  
(For Dish TV please select TV channel NO 2001 onwards)
- No other service provider is available such tatsky,vedicon, aitel etc for Swayam prabha.

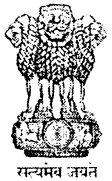
## **Channels for PG/UG students**

- Visit link: [https://swayamprabha.gov.in/index.php/ch\\_allocation](https://swayamprabha.gov.in/index.php/ch_allocation). UG/PG (Non-technology): Channels 1 to 10.
- No certificates for students.
- Every day, there will be new content for at least four hours which would be repeated five more times in a day, allowing the students to choose the time slot as per their convenience.

## **Video already telecasted**

- Swayam-Prabha has a dedicated website that hosts archival videos.
- **Step 1:-** Click "CHANNELS AND ALLOCATION" from main menu.
- **Step 2:-** Click on view details and click on archives and select the respective channel and its programs.

**[For more information go to brochure enclosed on next page](#)**

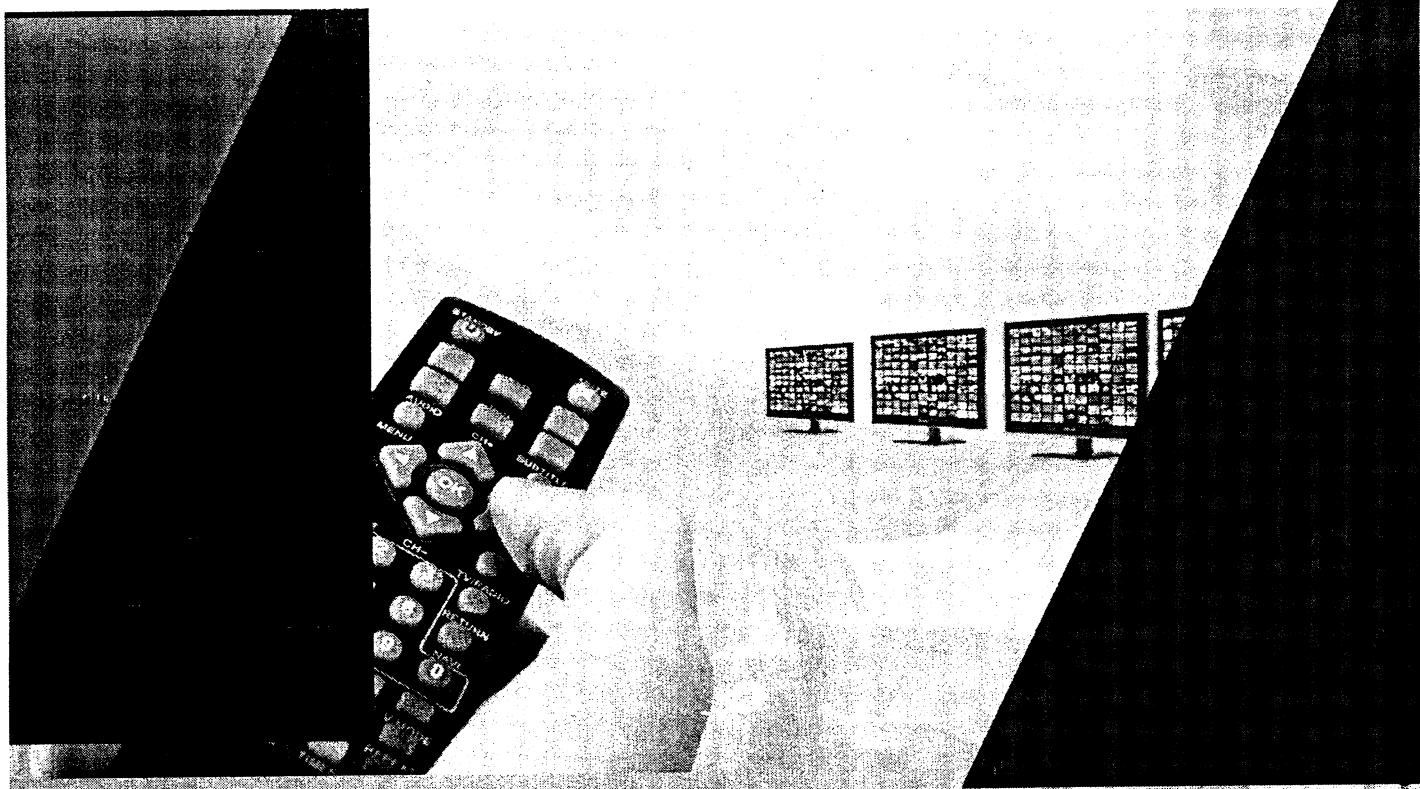


सत्यमेव जयते

National Mission on Education through ICT

# SWAYAM PRABHA

Free DTH Channel for Education

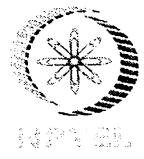


# SWAYAM PRABHA

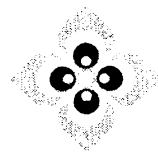
The SWAYAM PRABHA is conceived as a group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite.



ज्ञान-विज्ञान विभुक्तये



NCERT



INFLIBNET



BISAG

The SWAYAM PRABHA is conceived as a group of 32 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 convenience. The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

### The DTH Channels shall cover the following

- 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 and detailed offering through SWAYAM, the platform for offering MOOCs courses.
- School education (9-12 levels): modules for teacher's training as well as teaching and learning of 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.

One small sized DTH Dish

Antenna along with LNBF (Low Noise Block-down converter or Feedhorn)



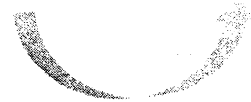
The receive system contains three units:

Remote control unit for STB



2

Indoor Set-Top-Box (STB)



The subscribers of 'Free Dish', DTH service of Doordarshan, can view these Educational channels using the same Set Top Box and TV. No additional investment is required.

### Receive Parameters

#### Channel No.1 to 16

Downlink Frequency: - 11590 Mhz

Polarization: - Vertical

LNB Frequency: - 9750

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

#### Channel No. 17 to 32

Downlink Frequency: - 11670 Mhz

Polarization: - Vertical

LNB Frequency: - 9750

Symbol Rate: - 29500 Ksps

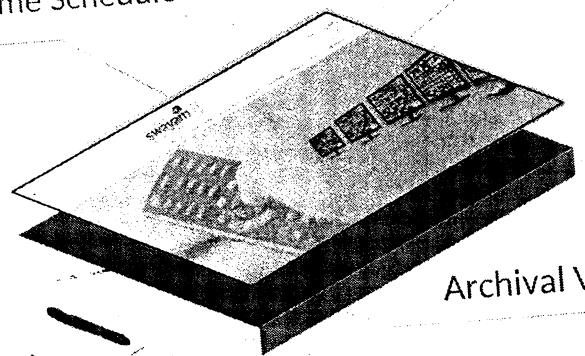
FEC:  $\frac{3}{4}$

### SWAYAM PRABHA

- ▶ Comprehensive portal of SWAYAM-PRABHA;
- ▶ Login based access for administrator (Channel coordinator, MHRD, BISAG and DTH-Chennai);
- ▶ Searching of video content on different parameter such as channel-wise, subject-wise, etc  
Panel for channel coordinator to create programme-schedule and metadata creation of each video-content;
- ▶ Facilitate to viewers with 'My-Library' features and SMS alert (programme-schedule) system

Programme Schedule

Search & Browse Inter



Feedback Mechanism

Archival Videos



Mobile App



Channel 01: CEC/UGC: Humanities- 1, Language and Literature	EMRC, EFLU, Hyderabad
Channel 02: CEC/UGC: Humanities- 2, Arts, History, Philosophy and related Subjects	CEC, New Delhi
Channel 03: CEC/UGC: Social Science -1, Sociology, Political Science and related subjects	CEC, New Delhi
Channel 04: CEC/UGC: Social Science - 2, Education, Psychology, Home Science and related subjects	CEC, New Delhi
Channel 05: CEC/UGC: Social Science - 3, Management, Library Science, Information Science and related subjects	EMRC/MCRC, Jamia Millia Islamia, Delhi
Channel 06: CEC/UGC: Social Science - 4, Law, Legal Studies, Human Rights and related subjects	EMRC, Punjabi University, Patiala
Channel 07: CEC/UGC: Economics, Commerce and Finance	EMRC, Gujarat University, Ahmedal
Channel 08: CEC/UGC: Physical sciences, Mathematics, Physics, Chemistry and related Subjects	EMRC, University of Calicut
Channel 09: CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science and related subjects	EMRC, Kashmir University, Srinagar
Channel 10: CEC/UGC: Applied Sciences, Allied Physical and Chemical sciences and related subjects	EMRC, Anna University, Chennai
Channel 11: NPTEL: Chemical Engineering, Chemistry and related Subjects	IIT Kharagpur
Channel 12: NPTEL: Civil Engineering and related subjects	IIT Delhi
Channel 13: NPTEL: Computer Science and Engineering	IIT Kharagpur
Channel 14: NPTEL: Electrical engineering, Electronics and Communication Engineering and related subjects	IIT Delhi
Channel 15: NPTEL: Engineering Sciences and general subjects for engineering	IIT Madras
Channel 16: NPTEL: Humanities, Social Sciences and Management	IIT Kanpur
Channel 17: NPTEL: Mechanical Engineering and related subjects	IIT Kanpur
Channel 18: NPTEL: Mathematics, Physics, Metallurgy and related subjects	IIT Tirupati / IIT Madras
Channel 19: IIT PAL: Biology	IIT PAL 1 IIT Delhi
Channel 20: IIT PAL: Chemistry	IIT PAL 2, IIT Delhi
Channel 21: IIT PAL: Mathematics	IIT PAL 3. IIT Delhi
Channel 22: IIT PAL: Physics	IIT PAL 4, IIT Delhi
Channel 23: IGNOU: Liberal Arts and Humanities	IGNOU, New Delhi
Channel 24: IGNOU: Agriculture, Vocational and Allied Sciences	IGNOU, New Delhi
Channel 25: IGNOU: Culture	IGNOU, New Delhi
Channel 26: IGNOU: State Open Universities' programs	IGNOU, New Delhi
Channel 27: NIOS: Secondary School Education	NIOS, New Delhi
Channel 28: NIOS: Higher Secondary School Education	NIOS, New Delhi
Channel 29: QEEE: QEEE 1 (Live classes in Engineering and Technology)	IIT Madras
Channel 30: NPTEL: Mathematics	IIT Madras
Channel 31: NCERT: School and Teacher Education	NCERT, New Delhi
Channel 32: IGNOU and NIOS: Teacher Education	IGNOU and NIOS, New Delhi

**Team Members**

<p><b>INFLIBNET</b></p> <p> <b>Dr Jagdish Arora</b></p> <p><i>Director</i> <b>Sh. Abhishek Kumar</b> <i>Scientist-C (CS)</i> <b>Ms. Priya Varu</b> <i>Project Officer (CS)</i> INFLIBNET Centre, Gandhinagar-382007, Gujarat. director@inflibnet.ac.in abhishek@inflibnet.ac.in</p> <p>+91 7923268201      +91 7923268280</p>	<p><b>BISAG</b></p> <p> <b>Dr T P Singh</b> <i>Director</i> info@bisag.gujarat.gov.in</p> <p> <b>Sh. Rajesh Patel</b></p> <p><i>Broadcast Engineer</i> +91 99099 45031 studio-bisag@gujarat.gov.in</p> <p> <b>Sh. Sanjay Vaghasiya</b> <i>Broadcast Engineer</i> +91 99099 45031 studio-bisag@gujarat.gov.in</p>	<p><b>MHRD/IITM</b></p> <p> <b>Prof K Mangala Sundar</b> <i>Professor, Department of Chemistry</i></p> <p> <b>IIT Madras, Chennai - 600 075</b> mangal@iitm.ac.in</p> <p> <b>Shri Parameswararaj</b> <i>Senior Consultant, MHRD</i> param.sc@nmeict.ac.in +91 98681 37722</p>
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