

An MHRD Project

National Mission on Education through ICT



SWAYAM PRABHA

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





Introduction


The SWAYAM PRABHA is 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 four hours which would be repeated five 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.



Objectives

The DTH Channels shall cover the following

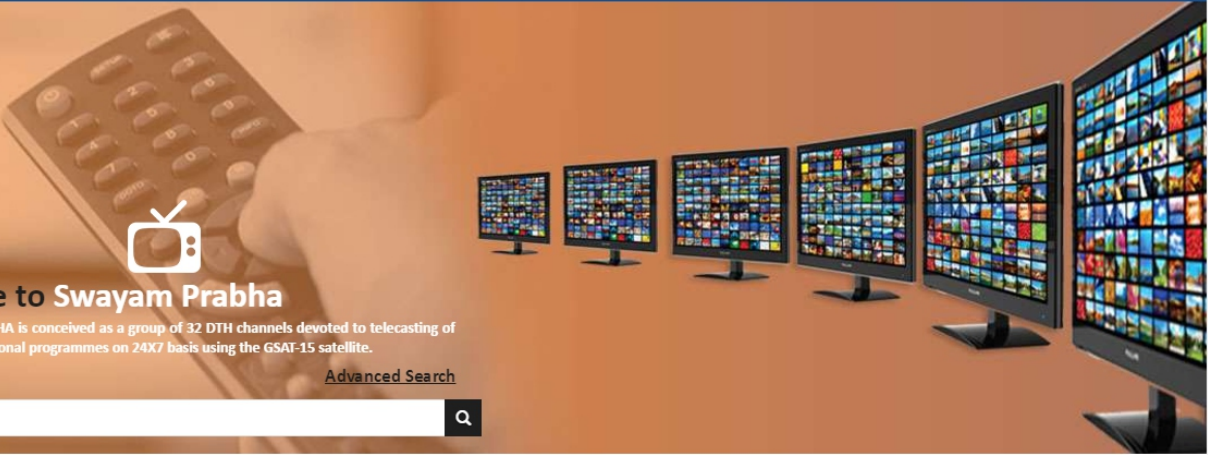
- Higher Education: Curriculum-based course contents at post-graduate and under-graduate level covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture, etc. All courses would be certification-ready in their 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 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.



SWAYAM PRABHA
Free DTH Channel for Education

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 An MHRD Project
 National Mission on Education through ICT
 (NME-ICT)

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Welcome to 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.

Advanced Search


ABOUT US




The SWAYAM PRABHA has been conceived as the project for using the (2) GSAT-15 transponders to run (32) DTH channels that would telecast high quality educational programmes on 24X7 basis.

Read More >>

STEP TOWARDS EDUCATION



Dr. Ramesh Pokhriyal "Nishank"
Hon. Minister of HRD of Government of India



Shri. Narendra Modi
Hon. Prime Minister of India

LIST OF CHANNELS

- 1 Channel 01: CEC/UGC: Humanities-1, Language and Literature
- 2 Channel 02: CEC/UGC: Humanities-2, Arts, History, Philosophy and related Subjects
- 3 Channel 03: CEC/UGC: Social Science -1, Sociology, Political Science and related subjects



How to Receive Swayam Prabha Channels

01

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



The receive system contains three units:

02

Indoor Set-Top-Box (STB)



03

Remote control unit for 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.

Receiving Parameters

Channel No.1 to 16

Downlink Frequency: - 11590 Mhz

Polarization: - Vertical

LNB Frequency: - 9750

Symbol Rate: - 29500 Ksps FEC: 3/4

Channel No. 17 to 32

Downlink Frequency: - 11670 Mhz

Polarization: - Vertical

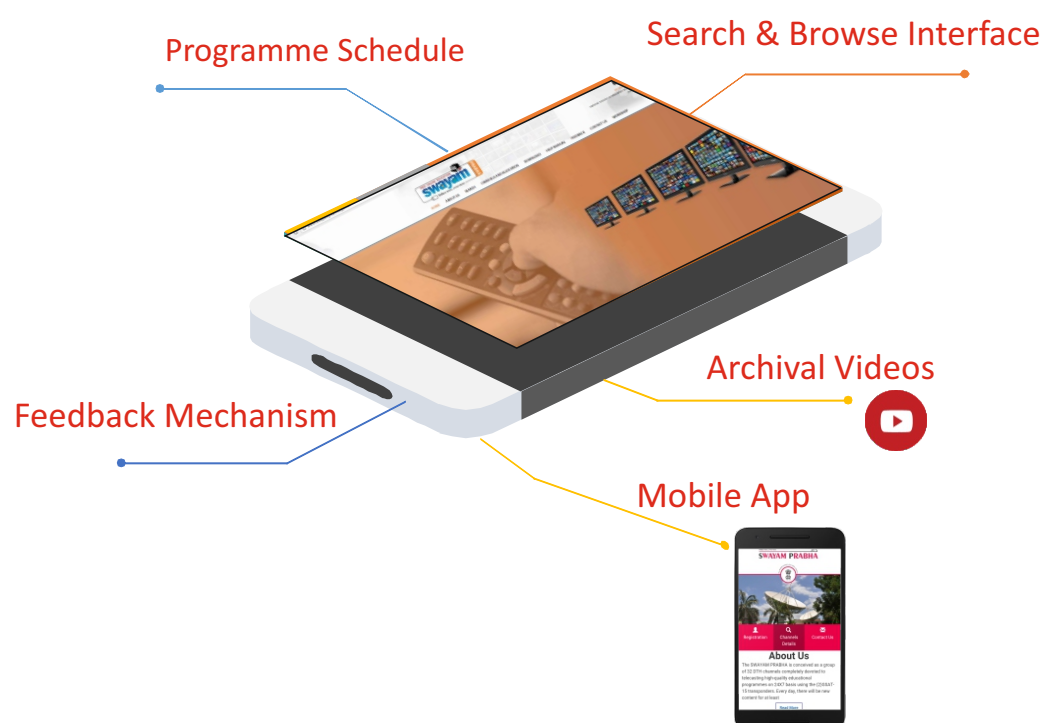
LNB Frequency: - 9750

Symbol Rate: - 29500 Ksps FEC: 3/4



Swayamprabha portal features

- Comprehensive portal for SWAYAM-PRABHA;
- Login based access for admin stake-holder (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





List of 32 channel

Channel Name	Channel Route/Parent
Channel 01: VAGEESH: CEC/UGC: Humanities- 1, Language and Literature	EMRC, EFLU, Hyderabad
Channel 02: SANSKRITI: CEC/UGC: Humanities- 2, Arts, History,Philosophy and related Subjects	CEC, New Delhi
Channel 03: PRABODH: CEC/UGC: Social Science -1, Sociology, Political Science & related subjects	EMMRC, Jai Narain Vyas University Jodhpur
Channel 04: SAARASWAT: CEC/UGC: Social Science - 2, Education, Psychology, Home Science and related subjects	CEC, New Delhi
Channel 05: PRABANDHAN: CEC/UGC: Social Science - 3, Management, Library Science, Information Science and related subjects	EMRC/MCRC, Jamia Millia Islamia, New Delhi
Channel 06: VIDHIK: CEC/UGC: Social Science - 4, Law, Legal Studies, Human Rights & related subjects	EMRC, Punjabi University, Patiala
Channel 07: KAUTILYA: CEC/UGC: Economics, Commerce and Finance	EMRC, Gujarat University,Ahmedabad
Channel 08: ARYABHATT: CEC/UGC: Physical sciences, Mathematics, Physics, Chemistry & related Subjects	EMRC ,University of Calicut
Channel 09: SPANDAN: CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science and related subjects	EMRC, Kashmir University, Srinagar
Channel 10: DAKSH: 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: Gyan Darshan	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 30: NIOS: Gyanamrit	NIOS, New Delhi
Channel 29: UGC-INFLIBNET (PG Subject's & YOGA)	UGC-INFLIBNET
Channel 31: NCERT: Kishore Manch (School and Teacher Education)	NCERT, New Delhi
Channel 32: IGNOU and NIOS: Teacher Education	IGNOU and NIOS, New Delhi

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