

ICT Initiatives of MHRD

S.No.	Resource	For students/Researchers	For Institutions
Audio-Video e-content			
1	SWAYAM: Massive Open Online Courses	Earn credit through online courses	<ul style="list-style-type: none"> - Encourage your extraordinary faculty to develop online courses - Accept credits awarded under SWAYAM - Form SWAYAM local chapters
2	SWAYAMPBABHA: View digital courses on TV	Watch high quality educational programs 24*7	Provide facility for viewing SWAYAMPBABHA content
Digital content: access journals and e-books			
1	National Digital Library: e-content	Access e-content on multiple disciplines	<ul style="list-style-type: none"> - Get your E-content listed - Form NDL Club
2	e-PG Pathshala: Gateway for e-books upto PG	Get free books and curriculum-based e-content	Host e-books
3	Shodhganga: A reservoir of Indian Theses	Access Research Theses of scholars of Indian Institutes	Get research theses of your scholars to get listed on Shodhganga
4	e-ShodhSindhu: e-journals	Get access to full text e-resources	Get access to full-text e-resources
Accelerated Hands on learning			
1	e-Yantra: Engineering for better tomorrow	Get hands on experience on embedded systems	Create e-Yantra labs for training in embedded systems in collaboration with IIT Bombay
2	FOSSEE: Free/Libre and Open Source Software for Education	<ul style="list-style-type: none"> - Access and volunteer for the use of open source software - Become FOSSEE fellow 	Run labs in open source
3	Spoken Tutorial: Tutorial in IT application	Self-training in IT fields	Encourage eminent faculty to provide training content for self-learning
4	Virtual Labs: Web-enabled experiments designed for remote – operation	Try curriculum based virtual experiments	Develop virtual experiments for Virtual labs suited to course curriculum in gap areas
E - Governance			
1	University Enterprise Resource Planning (SAMARTH)	Student development Life Cycle	E-Governance for Institutions/Universities
Track your progress			
1	VIDWAN: Expert Database and National Research Network IRINS: Indian Research Information Network System	Register on VIDWAN	Get your faculty registered on VIDWAN <ul style="list-style-type: none"> - Monitor research outcomes at different levels
2	Shodh Shudhhi (PDS): Plagiarism Detection Software	Unique ideas, concepts and information without duplication.	<ul style="list-style-type: none"> - Encourage original information by preventing plagiarism. - Better research outcomes. - Reputation of the institution/university.
Note: For any queries/feedback kindly contact http://new.nmeict.ac.in at nmeict@nmeict.ac.in Phone: 011-23385220.			

SWAYAM is India's own MOOCs platform offering online courses on all disciplines like Engineering, Law, Management, Humanities & Social Sciences and Professional Courses. It is designed to achieve the three cardinal principles of Education Policy - Access, Equity and Quality. SWAYAM is an indigenously developed Cloud based IT platform that facilitates uploading of all the courses, taught in classrooms from 9th standard till Post Graduation to be accessed by Anyone, Anytime, Anywhere free of cost. All the courses are interactive, prepared by reputed teachers in the country and accessible through computers / mobile phones.

Doordarshan and IGNOU

Doordarshan and IGNOU regarding the transmission of Four Gyan Darshan Educational channels. The Gyan Darshan Bouquet of Educational TV Channels is an educational media initiative of MHRD in collaboration with the Ministry of Information and Broadcasting (MIB), Prasar Bharati and ISRO with IGNOU as the nodal agency. It consists of four TV Channels namely GD-I & II (by IGNOU) GD-III- Eklava (by IIT, Delhi) GD-IV- Vyas Channel (by UGC, CEC).

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. 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, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

The DTH Channels shall cover the following:

1. 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.
2. 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.
3. Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.
4. Assist students (class 11th & 12th) prepare for competitive exams.

CHANNELS AND ALLOCATION

Channel No.	Channel Name and link	Route/Parent	Email	Coordinator Name	Description
Channels 01-10 are managed by CEC-UGC, New Delhi. National Coordinator is Prof. Jagat Bhushan Nadda, Director, CEC, New Delhi.					
1	Channel 01: VAGEESH: CEC/UGC: Humanities- 1, Language and Literature	EMRC, EFLU, Hyderabad	director.emmrc.eflu@gmail.com	Prof. T T Sreekumar	The Swayamprabha Humanities Ch...
2	Channel 02: SANSKRITI: CEC/UGC: Humanities- 2, History, Culture & Philosophy	CEC, New Delhi	nagesh.cec@gmail.com	Mr. Nageshwar Nath	“Learn as if you are going t...
3	Channel 03: PRABODH: CEC/UGC: Social Science -1, Social & Behavioral Sciences	EMRC Jodhpur	director.emmrc.jnvu@gmail.com, drkpurohit@gmail.com	Prof C R Chowdhary	Learning gives creativity, cre...
4	Channel 04: SAARASWAT: CEC/UGC: Social Science - 2, Education, Psychology, Home Science and related subjects	CEC, New Delhi	nagesh.cec@gmail.com	Mr. Nageshwar Nath	“You can teach a student for...
5	Channel 05: PRABANDHAN: CEC/UGC: Social Science - 3, Management, Library Science, Information Science and related subjects	MCRC Jamia Milia	iftekhartii@yahoo.com, mrcr@jmi.ac.in	Prof. Iftekhar Ahmad	“Learning gives creativity, ...
6	Channel 06: VIDHIK: CEC/UGC: Social Science - 4, Law, Legal Studies, Human Rights and related subjects	EMRC Patiala	emmrc.patiala@gmail.com, directormediacentre@gmail.com	Dr. Gurmeet S. Maan	The Swayam Prabha DTH Channel ...
7	Channel 07: KAUTILYA: CEC/UGC: Economics, Commerce and Finance	EMRC Ahmadabad	patelbaldev56@yahoo.in, emrcabadad1@bsnl.in	Prof. B. V. Patel	Swayam Prabha DTH Channel 7, E...
8	Channel 08: ARYABHATT: CEC/UGC: Physical sciences, Mathematics, Physics, Chemistry and related Subjects	EMRC ,University of Calicut	damodar.prasad@gmail.com, emmrccalicut@yahoo.co.in	Mr. D. Damodar Prasad	The Channel-08-Swayamprabha D...
9	Channel 09: SPANDAN: CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science and related subjects	EMRC, Kashmir University, Srinagar	salimaemrc@gmail.com, emmrc@kashmiruniversity.net	Dr. Salima Jan	The vision of the channel is t...
10	Channel 10: DAKSH: CEC/UGC: Applied Sciences, Allied Physical and Chemical sciences and related subjects	EMRC, Anna University, Chennai	sgowri@annauniv.edu, emmrcchennai@annauniv.edu	Dr. S. Gowri	The SWAYAM Prabha DTH Channel...
Channels 11 to 18 are Managed by NPTEL. National Coordinator: Prof. Kushal Sen, IIT Delhi					
11	Channel 11: NPTEL: Chemical Engineering, Chemistry and related Subjects	IIT Kharagpur	sunando@che.iitkgpernet.in	Prof. Sunando DasGupta	The SWAYAMP RABHA Chemical Engi...
12	Channel 12: NPTEL: Civil Engineering and related subjects	IIT Delhi	bishwa@civil.iitd.ac.in	Prof. B. Bhattacharjee	-
13	Channel 13: NPTEL: Computer Science and Engineering	IIT Kharagpur	anupambas@gmail.com	Prof. Anupam Basu	The SWAYAM-PRABHA Computer Sci...
14	Channel 14: NPTEL: Electrical engineering, Electronics and Communication Engineering and related subjects	IIT Delhi	shouri@ee.iitd.ac.in	Prof. Shouri Chatterjee	Channel 14 is dedicated to Ele...
15	Channel 15: NPTEL: Engineering Sciences and general subjects for engineering	IIT Madras	mangal@iitm.ac.in	Prof. K. Mangala Sunder	The Swayam Prabha Channel 15

Channel No.	Channel Name and link	Route/Parent	Email	Coordinator Name	Description
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16	Channel 16: NPTEL: Humanities, Social Sciences and Management	IIT Kanpur	mjha@iitk.ac.in	Prof. Munmun Jha	Channel 16 is funded by MHRD a...
17	Channel 17: NPTEL: Mechanical Engineering and related subjects	IIT Kanpur	bhattacs@iitk.ac.in	Prof. Shantanu Bhattacharya	Channel 17 is an exclusively d...
18	Channel 18: NPTEL: Mathematics, Physics, Metallurgy and related subjects	IIT Tirupati / IIT Madras	tsniit@iittp.ac.in	Prof. T. S Natarajan	The Swayamprabha Channel-18 DT...
Channels 19 -22 are managed for high School students by IIT Delhi and is called IIT PAL. The National Coordinator is Prof. Ravi Soni, IIT Delhi					
19	Channel 19: IIT PAL: Biology	IIT PAL 1 IIT Delhi	ravisoni@physics.iitd.ac.in, rksoniit@gmail.com	Prof. Ravi Sony	-
20	Channel 20: IIT PAL: Chemistry	IIT PAL 2, IIT Delhi	ravips@chemistry.iitd.ac.in	Prof. Ravi P. Singh	-
21	Channel 21: IIT PAL: Mathematics	IIT PAL 3. IIT Delhi	niladri@maths.iitd.ac.in	Prof. Niladri Chatterjee	This channel is dedicated to ...
22	Channel 22: IIT PAL: Physics	IIT PAL 4, IIT Delhi	jpsingh@physics.iitd.ac.in	Prof. J.P. Singh	The Swayamprabha Physics Chann...
Channels 23 to 24 are managed by IGNOU New Delhi. The National Coordinator is Prof. Uma Kanjilal, IGNOU, New Delhi					
23	Channel 23: IGNOU: Liberal Arts and Humanities	IGNOU, New Delhi	asgupta@ignou.ac.in	Prof. Anju Sehgal Gupta	Introduction.
24	Channel 24: IGNOU: Agriculture, Vocational and Allied Sciences	IGNOU, New Delhi	mksalooja@ignou.ac.in	Prof. M. K. Salooja	Agriculture sector plays an im...
Channel 25 is managed by the IGNOU, New Delhi. The National Coordinator is Prof. Uma Kanjilal, IGNOU, New Delhi					
25	Channel 25: GYAN DARSHAN:	IGNOU, New Delhi			-
Channel 26 is managed by IGNOU New Delhi. The National Coordinator is Prof. Uma Kanjilal, IGNOU, New Delhi					
26	Channel 26: IGNOU: State Open Universities' programs	IGNOU, New Delhi	pkbiswas@ignou.ac.in	Prof. P. K. Biswas	Channel-26 IGNOU: State Open U...
Channels 27 and 28 are managed by the NIOS, New Delhi. The National Coordinator is Prof. C. B. Sharma, Chairman, NIOS					
27	Channel 27: NIOS: Secondary School Education	NIOS, New Delhi	skp@nios.ac.in	Sh. S. K. Prasad, JD (CBC), NIOS	Vision Statement: Sustainable ...
28	Channel 28: NIOS: Higher Secondary School Education	NIOS, New Delhi	sandhyakumar@nios.ac.in	Dr. Sandhya Kumar, DD (Academic), NIOS	Vision Statement: Sustainable ...
Channels 29 is managed by UGC-INFLIBNET,Gandhinagar.					
29	Channel 29: UGC-INFLIBNET (PG Subject's & YOGA)	UGC-INFLIBNET,Gandhinagar	swayamprabha@inflibnet.ac.in	Prof J P Singh Joorel	-
Channel 30 is managed by the NIOS, New Delhi. The National Coordinator is Prof. C. B. Sharma, Chairman, NIOS					
30	Channel 30: NIOS: Gyanamrit	NIOS, New Delhi	sukanta.dse@gmail.com	Sukanta Kumar Mahapatra	Dear Learners,

Channel No.	Channel Name and link	Route/Parent	Email	Coordinator Name	Description
					Welcome...
Channel 31 is managed by NCERT. The National Coordinator is Prof. Amarendra Behera, Joint Director, CIET, NCERT					
31	Channel 31: NCERT: School and Teacher Education	NCERT, New Delhi	amarendra.behera@ciet.nic.in	Prof. Amarendra Behera, Joint Director, CIET, NCERT	Central Institute of Education...
Channel 32 is managed by IGNOU and NIOS jointly					
32	Channel 32: IGNOU and NIOS: Teacher Education	IGNOU and NIOS, New Delhi	gaurinedu@ignou.ac.in	Dr. Gaurav Singh, SEO, IGNOU	SYAWAM PRABHA DTH Channel 32 V...