



# A STUDY OF TELEVISION AND RADIO AS A MEDIUM OF EDUCATION: A REVIEW

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**Abstract:** Radio and Television (TV) has been the most common medium of entertainment. It provides a wide variety of entertainment programs of various genres to entertain audiences throughout the world. Education has emerged as the key source of development for any individual or country. The literacy rate in almost all developed nations is more than the literacy rate of developing nations. This proves the significance of education in the development of any individual or nation. As these mediums of entertainment have a widespread reach among the masses, these mediums can be used as an important education medium as well. Keeping this in mind, these media are being used as mediums for imparting education in various countries. This fact is not unique to India. In India, these entertainment mediums are also broadcasting various educational programs. Due to their widespread reach as mentioned above, underprivileged children living in remote areas where online learning is not possible can be approached for educational purposes. The paper discusses various educational programs aired on TV and Radio, especially by Government-Owned Channels. The data collected for the purpose is secondary in nature. It is gathered from various websites, online newspaper articles, research papers, etc.

**Indexed terms:** Educational Programs, Radio, Television, Government educational institutions, etc.

## I. Introduction

*“Education is the movement from darkness to light” – Allan Bloom.*

Education is an important part of every human life. Imparting quality education is still a challenge. The education system still needs a lot of improvement in terms of quality education. The government with the help of various eminent institutions like IITs, UGC, IGNOU, NCERT, NPTEL, CEC, and NIOS is taking regular initiatives to educate school children, college students, and other people by providing education through Television and Radio. Educational programs if broadcasted through television and radio come with the advantage to target large masses of the population. With its advantage of widespread reach, it can be used to educate people other than young students who may have been deprived of the opportunities to go to schools or colleges due to some odd reasons. It also provides various technical courses that are facilitated by the GOI at a very nominal expense or free of cost. The educational programs are broadcasted with repeated telecast facilities giving its user the liberty to watch them at their convenience. They provide quality education even in

remote and backward areas of the country. These classes also target the student of the weaker section of society. There is certain awareness relating to healthcare, environmental issues, adult education, etc. that is provided by way of these educational programs. In general, the aforementioned advantages could not be realized through the conventional teaching-learning process.

## I. Objectives of the study

- To study various educational programs telecasted by Television.
  - To study various educational programs telecasted by Radio.
  - To analyze the kind of educational videos telecasted by these mediums.
  - To analyze the kind of learners covered by the way of these educational programs.

## II. Review of Literature

Goodluck et al., (1987) have concluded that the radio's effectiveness as a medium and its extensive distribution in emerging nations highlight its significance and promise for education.

Chandar et al., (2003) in their research paper analyzed the radio educational program Gyan Vani. Radio is a useful and popular medium to provide such educational programs.

Arulchevan et al., (2008) have presented how radio, television, and the Internet are used as the medium for providing education. The authors concluded that the infrastructure of education through these mediums should be well-planned and well-developed. The students should be provided with the facility of free internet by the government. The private sector should be encouraged to participate in this process.

Gaur et al., (2017) stated that new media that includes social media, web radio channels, TV broadcasting channels, web-audio channels, mobile apps, etc. helps enhance the teaching-learning process. This system needs to be well-developed for achieving better results.

Rao (2018) has argued that television can become an important medium for providing education in remote areas of the country. It has discussed the challenges and prospects of television in the field of education.

Gaur et al., (2019) have stated in their research paper that students like short-duration videos. They feel they can access the video classes anytime and anywhere. These video classes are effective for open-distance learning.

Singh et al., (2021) have talked about the government's different e-learning projects.

Jain et al., (2022) have discussed how online learning has faced a lot of challenges during the COVID period. With challenges like disrupted internet connection and other technical issues, there were many opportunities like convenience in teaching during the pandemic. The government also brings various initiatives to give a boost to online learning.

It can be concluded from the above-stated research papers that the way of imparting education is getting changed with technological development.

## III. Analysis and Discussion

The data collected were secondary in nature. The educational programs' details were taken from the official websites of IGNOU, AIR, Swayamprabha, Gyan Darshan, etc. The schedule of the educational programs aired on TV and radio was analyzed to understand the kind of programs provided for the students. The online articles of various e-newspapers and research papers published in various journals related to the educational programs broadcasted through television and radio were also taken for the research purpose.

### 1.1 Educational Programs through Television

Television is one of the most common and popular means of mass communication. It is a great medium for providing any information through entertainment. In remote areas, where it is difficult to communicate properly with the people, television with its widespread reach helps communicate any information with entertainment. Television is a great medium that can communicate with a large number of people in the shortest time possible. Iedewdesk (2020) Doordarshan and All India Radio have begun airing virtual classrooms and

other educational material on their regional channels during the lockdown in association with several State Government Institutions. These virtual classes are basically for 10<sup>th</sup> and 12<sup>th</sup>- standard students. Various educational initiatives undertaken by the government to cater education to remote areas of the country.

### ➤ Educational Programmes Broadcast on DD Kendra

Table 1.1 presents the various DD Kendra that broadcast educational programs in the respective areas. Television is one of the oldest and most common mediums or platforms used for disseminating information to a large number of masses. Generally, the educational programs include curriculum classes for school-going students. On average duration of classes is about 1 to 3 hours and mostly the frequency of their telecast is daily. It targets young school-going students. It can also be concluded that almost all states are covered by the DD Kendra. The educational programs are prepared and delivered by the Government Education Department of the concerned state. DD Kendra (Bengaluru, Vijayawada, Jammu & Kashmir, and Hyderabad) broadcasts educational programs for 10<sup>th</sup> and 12<sup>th</sup> standard students. DD Kendra (Ahmedabad) broadcasts educational programs based on the curriculum for students at the Elementary, Middle, and High School Levels. DD Kendra (Chennai and Trivandrum) provides curriculum-based education for the 10<sup>th</sup> and 12<sup>th</sup> classes. DD Kendra (Trivandrum and Panaji) presents quiz shows on weekends. DD Kendra (Jalandhar, Lucknow, Varanasi, Shimla, and Patna) are also planning to broadcast such educational programs. It can be said that the DD Kendra in various Indian states works with the government's education department to offer curriculum-based classes to students at the elementary, secondary, and senior secondary levels.

**TABLE 1.1: EDUCATIONAL PROGRAMMES BROADCAST ON DD KENDRAS**

Name of the Station	Program details	Frequency	Duration	Associated Educational Institute
Bengaluru	Physics, Chemistry, and Maths Classes for 12 <sup>th</sup> students and common engineering tests	Daily	3 hours	
Vijayawada	Curriculum classes for 10 <sup>th</sup> and 12 <sup>th</sup> standard students	Daily	2 hours	State Secondary Education Department
Jammu & Kashmir	Curriculum classes for 10 <sup>th</sup> and 12 <sup>th</sup> standard students	Daily	1 hour	Directorate of School Education
Hyderabad	Curriculum classes for 10 <sup>th</sup> and 12 <sup>th</sup> standard students	Daily	2 hours	State Secondary Education Department
Ahmedabad	Curriculum-based classes for Primary, Middle, and High School level students	Daily	2 hours	Gujarat Institute of Educational Technology, Government of Gujarat
Chennai	School Leaving Certificate subjects and model question papers for 10 <sup>th</sup> -standard students	Daily	1 hour	Tamil Nadu Education Department
Trivandrum	School Leaving Certificate subjects for 12 <sup>th</sup> standard students.  Quiz show	Daily  Weekends	3 hours	State Institute of Educational Technology

Panaji	Quiz show	Weekly	30 min.	In-house
Jalandhar, Lucknow	-	-	-	In process. To begin soon
Varanasi	-	-	-	Basic education officials are approaching for the telecast. Waiting for their proposal.
Shimla	-	-	-	The proposal was received from the Directorate of Education, and it will begin as soon as possible.
Patna	-	-	-	DD Bihar in this context, has contacted the State Education Department.

(Source: Doordarshan, All India Radio Broadcast Educational Content/Virtual Classes, 2020 [www.indianeducationdiary.in](http://www.indianeducationdiary.in); [www.timesnownews.com](http://www.timesnownews.com); [www.pib.gov.in](http://www.pib.gov.in))

### ➤ Swayamprabha

Swayamprabha is a collection of 32 DTH channels that broadcast excellent instructional content for pupils. They provide 4 hours of fresh content daily, this content is repeated 5 times. Students can choose any time slot at their convenience. The contents are prepared and provided by eminent educational institutions like IITs, UGC, IGNOU, NCERT, NPTEL, CEC, and NIOS. Swayamprabha channels are catering educational program services to primary students, secondary students, and senior secondary, and college-going students. Separate channels are devoted to one class that broadcasts 4 hours of fresh content and its repeat telecast throughout the day. It helps the student to select the convenient time slot as per their wish. From Table 1.2 it can be seen that a specific channel is dedicated to a specific subject or course. Channels 1 and 2 are dedicated to humanities (language and literature/history, culture, and philosophy) for UG/PG level students presented and prepared by EFL University and CEC, New Delhi. Channels 3, 4, 5, and 6 present the classes on Social Science (Social & Behavioral Sciences / Education, Psychology, Home Science, and related subjects/ Management, Library Science, Information Science, and related subjects/ Law, Legal Studies, Human Rights, and related subjects) for UG/PG level students presented and delivered by EMRC Jodhpur, CEC, New Delhi, MCRC Jamia, and EMRC Patiala. Channel 7 is devoted to Economics, Commerce, and Finance presented and prepared by EMRC Ahmadabad. Channels 8, 9, and 10 present the classes on Science (Physical sciences, Mathematics, Physics, Chemistry, and Related Subjects / Life Sciences, Botany, Zoology, Bio-Science, and related subjects / Applied Sciences, Allied Physical and Chemical sciences, and related subjects) for UG/PG level students presented and delivered by EMRC Calicut, EMRC Srinagar, and EMRC Chennai. Channel 11 to 15 broadcast programs for engineering students in various disciplines (Mechanical Engineering/ Civil Engineering/ Computer & IT/ Electrical, Electronics, and Communication/ Engineering Sciences). They are presented by the various faculty members of IITs of India including IIT Kanpur, IIT Kharagpur, IIT Delhi, and IIT Madras. Channel 16 is dedicated to Humanities, Management & other branches for UG/PG students, and content offered by IIT Kanpur. Channel 17 to 19 presents the content for UG/PG students in various subjects (Social Sciences and Humanities/ Basic and Applied Sciences/ Professional and Vocational Education). These classes are presented by IGNOU, New Delhi. Channel 20 offers classes for various communities (youth, school drop-outs, women, unemployed, and self-employed workers). IGNOU, New Delhi is responsible for providing classes in this regard in numerous subjects like economics, journalism, biological sciences, sociology, history, performing arts, geography, languages, poultry farming, and many more. Channel 22 is dedicated to students who are preparing for JEE Advance and the content is presented by IIT Kanpur. Channel 23 to 34 is dedicated to class 1 to 12 students. All subjects are taught through this medium. The content is presented and managed by NCERT, New Delhi. The Swayamprabha channel is a great platform for providing education through modern technology. It has covered almost various fields of education for primary, secondary, and UG/PG students. There is a special channel dedicated to people from the weaker and backward sections of society and those

who are living in remote and underdeveloped parts of the country. Institutions like IITs, UGC, IGNOU, NCERT, NPTEL, CEC, and NIOS that are involved in presenting these classes are experts and work at the apex level in the field of education.



**TABLE 1.2. DETAILS OF SWAYAMPRAKASH DTH CHANNELS**

<b>Channel Name &amp; Number</b>	<b>Subject Name</b>	<b>Class</b>	<b>Route/Parent</b>
Channel 01: VAGEESH: CEC/UGC: Humanities- 1, Language and Literature	Humanities- 1, Language and Literature	UG/PG	EFL University, EMRC EFLU
Channel 02: SANSKRITI: CEC/UGC: Humanities- 2, History, Culture & Philosophy	Humanities- 2, History, Culture & Philosophy	UG/PG	CEC, New Delhi
Channel 03: PRABODH: CEC/UGC: Social Science -1, Social & Behavioral Sciences	Social Science -1, Social & Behavioral Sciences	UG/PG	Jai Narayan Vyas University, EMRC Jodhpur
Channel 04: SAARASWAT: CEC/UGC: Social Science - 2, Education, Psychology, Home Science and related subjects	Social Science - 2, Education, Psychology, Home Science, and related subjects	UG/PG	CEC, New Delhi
Channel 05: PRABANDHAN: CEC/UGC: Social Science - 3, Management, Library Science, Information Science, and related subjects	Social Science - 3, Management, Library Science, Information Science, and related subjects	UG/PG	Jamia Milia University, MCRC Jamia
Channel 06: VIDHIK: CEC/UGC: Social Science - 4, Law, Legal Studies, Human Rights and related subjects	Social Science - 4, Law, Legal Studies, Human Rights, and related subjects	UG/PG	Punjabi University, EMRC Patiala
Channel 07: KAUTILYA: CEC/UGC: Economics, Commerce and Finance	Economics, Commerce, and Finance	UG/PG	Gujarat University, EMRC Ahmadabad
Channel 08: ARYABHATT: CEC/UGC: Physical Sciences, Mathematics, Physics, Chemistry, and Related Subjects	Physical sciences, Mathematics, Physics, Chemistry, and Related Subjects	UG/PG	Calicut University, EMRC Calicut
Channel 09: SPANDAN: CEC/UGC: Life Sciences, Botany, Zoology, Bio-Science, and related subjects	Life Sciences, Botany, Zoology, Bio-Science, and related subjects	UG/PG	Kashmir University, EMRC Srinagar

Channel 10: DAKSH: CEC/UGC: Applied Sciences, Allied Physical and Chemical Sciences, and related subjects	Applied Sciences, Allied Physical and Chemical sciences, and related subjects	UG/PG	Anna University, EMRC Chennai
Channel 11: NPTEL: Mechanical Engineering & related branches	Mechanical Engineering & related branches	UG/PG	IIT Kanpur
Channel 12: NPTEL: Civil Engineering & related branches	Civil Engineering & related branches	UG/PG	
Channel 13: NPTEL: Computer / IT & related branches	Computer / IT & related branches	UG/PG	IIT Kharagpur
Channel 14: NPTEL: Electrical, Electronics, and Communication & related branches	Electrical, Electronics, and Communication & related branches	UG/PG	IIT Delhi
Channel 15: NPTEL: Engineering Sciences & related subject	Engineering Sciences & related subject	UG/PG	IIT Madras
Channel 16: NPTEL: Humanities, Management & other branches	Humanities, Management & other branches	UG/PG	IIT Kanpur
Channel 17: IGNOU: Social Sciences and Humanities	Social Sciences and Humanities	UG/PG	IGNOU, New Delhi
Channel 18: IGNOU: Basic and Applied Sciences	Basic and Applied Sciences	UG/PG	IGNOU, New Delhi
Channel 19: Professional and Vocational Education	Professional and Vocational Education	UG/PG	IGNOU, New Delhi
Channel 20: IGNOU: State Open Universities and Teacher Education	State Open Universities and Teacher Education	Various communities	IGNOU, New Delhi
Channel 21: Vyas (CEC)			CEC
Channel 22: IIT PAL		JEE (Advance)	IIT PAL 4, IIT Delhi
CHANNEL 23: Class-1 PMeVIDYA	All Subjects	Class- 1	NCERT, New Delhi

CHANNEL 24: Class-2 PMeVIDYA	All Subjects	Class- 2	NCERT, New Delhi
CHANNEL 25: Class-3 PMeVIDYA	All Subjects	Class- 3	NCERT, New Delhi
CHANNEL 26: Class-4 PMeVIDYA	All Subjects	Class- 4	NCERT, New Delhi
CHANNEL 27: Class-5 PMeVIDYA	All Subjects	Class- 5	NCERT, New Delhi
CHANNEL 28: Class-6 PMeVIDYA	All Subjects	Class- 6	NCERT, New Delhi
CHANNEL 29: Class-7 PMeVIDYA	All Subjects	Class- 7	NCERT, New Delhi
CHANNEL 30: Class-8 PMeVIDYA	All Subjects	Class- 8	NCERT, New Delhi
CHANNEL 31: Class-9 PMeVIDYA	All Subjects	Class- 9	NCERT, New Delhi
CHANNEL 32: Class-10 PMeVIDYA	All Subjects	Class-10	NCERT, New Delhi
CHANNEL 33: Class-11 PMeVIDYA	All Subjects	Class- 11	NCERT, New Delhi
CHANNEL 34: Class-12 PMeVIDYA	All Subjects	Class- 12	NCERT, New Delhi

(Source: (PM e-Vidya - SWAYAM Prabha TV [www.swayamprabh.gov.in](http://www.swayamprabh.gov.in); [www.egyankosh.ac.in](http://www.egyankosh.ac.in))



## ➤ Gyan Darshan

Dutta et al., (2018) Gyan Darshan is an educational television that works in collaboration with Ministry of Human Resource Development (MHRD), the Ministry of Information and Broadcasting, Prasar Bharti, and IGNOU. Its broadcasts educational programs on various topics. Table 1.3 presents a live teleconference session through the Gyan Darshan channel. It can be witnessed that a variety of content on a wide range of topic related to various subjects (Political Science, Anthropology, Biochemistry, Biochemistry, Computer & Information Science, and many more). Normally the duration of these classes is of 30 minutes. Students can attend the classes through live teleconference sessions allowing them to clear their doubts one to one. It is not based on monotonous interaction where recorded programs are played making the learning process boring. It allows the learner to participate in the programs by asking their queries or presenting their opinion.

**TABLE 1.3. LIVE TELECONFERENCE SESSIONS SCHEDULED FOR MAY 2023**

S.N.	Programs	Subject	Time
1.	Liberal Theory of International Relations		
2.	Realist Theory of International Relations	School of Social Sciences (SOSS) Political Science	3.00-3.30
3.	Certificate in Apparel Merchandising, Course -1 Topic E-commerce I, Apparel Industry	School of Continuing Education (SOCE)	4.00-4.30
4.	Importance of Introduction to Social and Cultural Anthropology	School of Social Sciences (SOSS-Anthropology)	4.30-5.00
5.	Molecular Basis of Non-infectious Human Diseases Introduction to Molecular Basis of Non-infectious Human Diseases	School of Sciences (SOS-Biochemistry)	4.00-4.30
6.	The Great Divergence Debate: History of India-VII	School of Social Sciences (SOSS-History)	3.30-4.00
7.	Introduction to Theory Courses of Adult Education Programs Practical Components of Adult Education Programs	School of Education (SOE)	3.00-3.30 3.30-4.00
8.	Topic - Cardiac Physiology Course Title: Biodiversity (Microbes, Algae, Fungi and Archegoniate Topic: Viruses: General Account and Economic Importance	School of Sciences (Life Sciences)	4.00-5.00
9.	Data Pre-processing	School of Computer & Information Science (SOCIS)	3.00-3.30
10.	Industrial Internet of Things (IIOT) and Internet of Everything (IOE)	School of Engineering and Technology (SOET)	3.30-4.00

(Source:

[http://rcdelhil.ignou.ac.in/news/detail/1/The live teleconference sessions of Gyan Darshan Channel scheduled for May 2023-299](http://rcdelhil.ignou.ac.in/news/detail/1/The%20live%20teleconference%20sessions%20of%20Gyan%20Darshan%20Channel%20scheduled%20for%20May%202023-299))

## 1.2. Educational Programs on Radio

Radio is a medium of communication that has its presence in remote areas. It is a great medium for disseminating any information to a widespread population. Community radio plays a very important role in creating social awareness in society. Radio is the cheapest form of entertainment, reaching 99% of the population. It is the best medium for disseminating information and for communication. GOI is taking initiatives through this medium to provide education. It is helpful for students and people who are from remote

or backward areas where the proper facilities for quality education are not available. Various educational programs are aired through the medium. They are discussed below:

### ➤ Gyan Vani

Gyan Vani is an FM Radio channel that broadcast educational content in several Indian cities. Krishna Kumar (2007), Gyan Vani broadcasts relevant programs for pre-primary, primary, secondary, and higher secondary students. Additionally, it offers a program centered on science education, legal literacy, environmental awareness, and women's empowerment. It can be seen from Table 1.4 that the major subjects like science, Hindi literature, geography, etc., are taught through this medium. The class duration is different for different classes. Some classes are for 30 minutes, some are for 20 minutes and 10 minutes. Therefore, it can be said that Radio plays an important role in providing education to students who are deprived of the proper school facilities. These programs can also be used as gathering additional knowledge by school-going children as it is available to all who have radio services.

**TABLE 1.4. GYAN VANI-DELHI TRANSMISSION (Schedule May 2023)**

S.N.	Programs	Subject	Timing
1.	IGNOU Programme Topic – Strategies in Gender and Development Studies Topic – Gender mainstreaming Topic - Gender Analysis Topic – Gender Budgeting and Introduction		08:30 AM to 09:00 AM
2.	World of Physics Episode 8 Topic – Electric Lighting Episode 10 Topic – Radioactivity Episode 11 Topic – Lasers	Science	01.30 PM to 01.50 PM
3.	शिशु जगत Topic – सावन का गीत Topic – सूरज जल्दी आना जी Topic – आंधी Topic – मीठी सारंगी Topic – टेसू रजा बीज बाज़ार	Hindi Literature	01.50 PM to 02.00 PM
4.	Special Programme on world labor Day (Vishwa Mazdoor Diwas) Jab Jago Tabhi Savera Episode – 1 Jab Jago Tabhi Savera Episode – 2 Jab Jago Tabhi Savera Episode – 3		03.30 PM to 04.00 PM
5.	World Scientist Episode 5 Topic – Edison Episode 08 Topic – Tyche Brahe Episode 09 Topic – Kepler Episode 10 Topic – Galileo	Science	05.00 PM to 05.20 PM
6.	“ध्वनिशाला” पाठ्यक्रम आधारित शृंखला Topic: The Earth in the Solar system, Geography, Class 6 Topic: Globe: Latitudes and Longitudes, Geography, Class 6 Topic: Motions of the Earth, Geography, Class 6 Topic: Environment, Geography, Class 7	Geography	09:30 AM to 10.00 AM

(Source: [http://www.ignouonline.ac.in/gyandhara/player/schedule/Gyanvani\\_May\\_2023.pdf](http://www.ignouonline.ac.in/gyandhara/player/schedule/Gyanvani_May_2023.pdf) www.ignou.c.in)

### ➤ Radio Channels for Educational Programmes

There are dedicated radio channels which are imparting educational programs through a medium that has the reach to the maximum of the population. Table 1.5 presents that around thirty AIR Stations (AIR Bhopal, AIR Hyderabad, AIR Vijayawada, AIR Chennai, AIR Jaipur, AIR Jodhpur, AIR Bikaner, AIR Udaipur, AIR Guwahati, AIR Srinagar, AIR Mumbai, AIR Pune, AIR Nagpur, AIR Aurangabad, AIR Parbhani, AIR Sangli, AIR Ratnagiri, AIR Jagaon, AIR Panaji, AIR Tiruchirappalli, AIR Thiruvananthapuram, AIR Kozhikode, AIR Thrissur, AIR Guwahati, AIR Leh, AIR Gangtok, AIR Tiruchirappalli, AIR Coimbatore, AIR Madurai, and AIR Tirunelveli) broadcasts educational programs created on school curriculum or intellect-based. Six days a week, Rajya Shiksha Kendra, Bhopal's AIR Bhopal offers special storytelling programs featuring well-known individuals. In collaboration with Dr. B. R. Ambedkar Open University, Hyderabad, AIR Hyderabad produces daily instructional programs for 15 minutes. In partnership with Rajasthan Rajya Shaikshik Anusandhan evam Prashikshan Parishad Udaipur, Rajasthan, four AIR stations in Rajasthan broadcast educational programs for 20 minutes each school day from July to March. Also, Assam aired Vishwa Vidya for 15 minutes on Mondays, Wednesdays, and Fridays in association with the State Council for Education Research & Training and the SSA. AIR Srinagar also presents 4 lectures for 30 min program in association with the Directorate of School Education. AIR Leh and Gangtok also present 60 min educational program in collaboration with the respective government department. In Maharashtra, Goa, and Tamil Nadu broadcasts an educational program called “Khula Akash” via their various AIR station. AIR Kozhikode, AIR Thrissur, and AIR Leh present 14 minutes educational program. With the help of radio channels government is taking educational initiatives in remote areas like Leh, Gangtok, Srinagar, and Guwahati, where high-tech school facilities are still missing.

**TABLE 1.5. RADIO CHANNELS FOR EDUCATIONAL PROGRAMMES**

Name of the Station	Program details	Frequency	Duration	Associated Educational Institute
AIR Bhopal	Radio School (Storytelling by eminent personalities)	6 days a week	60min.	Rajya Shiksha Kendra, Bhopal
AIR Hyderabad	Dr. B R Ambedkar Open University Educational Programme	Daily	15min	Dr. B R Ambedkar Open University, Hyderabad
AIR Vijayawada	Vindam Nerchukundam	Monday to Friday	30min	Samagra Shiksha Abhiyan- Andhra Pradesh Govt.
AIR Chennai	Class X (the origination of the Programme by AIR Chennai for all AIR Stations in Tamil Nadu & Puducherry Region)	On all Sundays @ 2:30 pm	15min	
AIR Jaipur, AIR Jodhpur, AIR Bikaner, AIR Udaipur	Vidyalaya Prasaran, 80 Books lessons, 28 examination lessons, 60 Gair Patyakrim lesson	On every School working day (From July to March)	20min	Rajasthan Rajya Shaikshik Anusandhan evam Prashikshan Parishad Udaipur, Rajasthan
AIR Guwahati	Viswa -Vidya	Every Monday,	15min	In collaboration with the state council for

		Wednesday, Friday		education research & training & SSA
AIR Srinagar	4 lectures a day		30min	Directorate of School Education
AIR Mumbai, Pune, Nagpur, Aurangabad, Parbhani, Sangli, Ratnagiri, Jagaon, Panaji and Tiruchirappalli	Khula Akash	During School days	25min	-
AIR Thiruvanantha puram	-	Wednesday, Thursday, Friday	14min	No association with any educational institute at present
AIR Kozhikode	-	Monday	14min	No association with any educational institute at present
AIR Thrissur	-	Tuesday	14min	No association with any educational institute at present
AIR Leh	-		60min in the morning	Office of the Chief Education Officer, Leh
AIR Gangtok	-	Monday to Saturday	60min	Education Department of Sikkim Govt.
AIR Tiruchirappalli , AIR Coimbatore, AIR Madurai, AIR Tirunelveli	XII STANDARD (the origination of Programme by Other AIR Stations except for Chennai on a rotational basis in Tamil Nadu & Puducherry Region.	On all Saturdays at 11.40 AM	-	-

(Source: Doordarshan, All India Radio Broadcast Educational Content/Virtual Classes, 2020 [www.indianeducationdiary.in](http://www.indianeducationdiary.in);  
[www.timesnownews.com](http://www.timesnownews.com); [www.pib.gov.in](http://www.pib.gov.in))

#### IV. Findings of the Study

- Gyan Vani and educational programs aired on various AIR stations are initiatives taken through Radio across the nation.
- Gyan Darshan, education programs broadcasts through DD Kendra, and Swayamprabha DTH channels are initiatives taken through Television.
- Government has taken many initiatives with the institutions like IITs, UGC, IGNOU, NCERT, NPTEL, CEC, and NIOS for imparting education for primary, secondary, and senior secondary students through Television and Radio.
- The lectures or classes are prepared and delivered by experts from the above-mentioned institutions. It helps maintain the quality of the sessions.
- The lectures are delivered at an appropriate time, helping the students attend the classes easily and conveniently.
- The classes come with a repeat telecast, allowing students to choose their slots as per their preference.
- The courses are as per the standard curriculum that is followed by the majority of schools and colleges. It is like a privilege for the students living in remote areas of the country where the proper school is not available or if available not able to provide quality education.
- It has targeted the students of weaker and backward classes living in remote areas. If they have any medium of communication either radio or TV, they can have access to these classes.
- Swayamprabha DTH channel number 20 also targets other disadvantaged groups in the community, including youth, school dropouts, women, unemployed people, and independent contractors.

#### V. Conclusion

In the end, it can be summarised that Television and Radio platforms are being successfully used for providing education to students and other people. Educational initiatives like Gyan Darshan, Swayamprabha, Gyan Vani, and other such programs are focused on providing education to students from all sections of society. It helps in providing education to residents of remote areas of our country. It benefits the weaker sections of society like rural and semi-rural women, underprivileged students and children, and farmers as well. Besides this, the Government has taken proper efforts to design educational programs for all students at different levels of education may be it Primary, Secondary, or higher education level.

#### References

- Chandar, U., & Sharma, R. (2003, April 1). Bridges to Effective Learning through Radio. *The International Review of Research in Open and Distributed Learning*, 4(1). <https://doi.org/10.19173/irrodl.v4i1.118>  
[https://www.researchgate.net/publication/26468308\\_Research\\_Notes\\_Bridges\\_to\\_Effective\\_Learning\\_Through\\_Radio](https://www.researchgate.net/publication/26468308_Research_Notes_Bridges_to_Effective_Learning_Through_Radio) <https://www.learntechlib.org/p/49539>
- Ndubuisi Goodluck, & Gordon Thompson (1987). The Use of Educational Radio in Developing Countries: Lessons from the Past. *Journal of Distance Education* 2(2):43-54.  
<https://www.ijede.ca/index.php/jde/article/view/315>  
<https://www.semanticscholar.org/paper/The-Use-of-Educational-Radio-in-Developing-Lessons-Nwaerandu-Thompson/cd5efbe706f14f65221f3ceed4f26086f1d4e955>

Kusmarni Yani, Murdiah Winarti, Yeni Kurniawati S. (2017). The Development of Edutainment Learning Model in Social Science Education/IPS Research And Development Study On IPS Education At Elementary Level In Bandung And Cimahi *International Journal Pedagogy of Social Studies*. 1. 170. 10.17509/ijposs.v1i2.4771.

[https://www.researchgate.net/publication/323609694\\_THE\\_DEVELOPMENT\\_OF\\_EDUTAINMENT\\_LEARNING\\_MODEL\\_IN\\_SOCIAL\\_SCIENCE\\_EDUCATIONIPS\\_Research\\_and\\_Development\\_Study\\_on\\_IPS\\_education\\_at\\_elementary\\_level\\_in\\_Bandung\\_and\\_Cimahi](https://www.researchgate.net/publication/323609694_THE_DEVELOPMENT_OF_EDUTAINMENT_LEARNING_MODEL_IN_SOCIAL_SCIENCE_EDUCATIONIPS_Research_and_Development_Study_on_IPS_education_at_elementary_level_in_Bandung_and_Cimahi)

Krishnakumar G. (2007). Making waves with an FM radio channel. *The Hindu*. Retrieved from Monday, Oct 08, 2007. <http://hindu.com/thehindu/edu/2007/10/08/stories/2007100851430900.htm>

Iedewdesk (2020). Doordarshan, All India Radio Broadcast Educational Content/Virtual Classes. *India Educationdiary.com*. Retrieved on 16 April 2020. [www.indiaeducationdiary.in](http://www.indiaeducationdiary.in)

<https://indiaeducationdiary.in/doordarshan-all-india-radio-broadcast-educational-content-virtual-classes/>

Tandon Tulika. (2020). Learning must go on', DD1 & AIR telecast educational programmes to engage students-Channel list, timings here. *www.timesnownews.com*. Retrieved on 17 April 2020

<https://www.timesnownews.com/education/article/learning-must-go-on-dd1-air-telecast-educational-programmes-to-engage-students-channel-list-timings-here/579293>

PM e-Vidya - SWAYAM Prabha TV. (2023). *PM e-Vidya - SWAYAM Prabha TV*. <https://pmevidya.education.gov.in/swayam-prabha-tv.html> [www.swayamprabha.gov.in](http://www.swayamprabha.gov.in) Retrieved on 05 May 2023.

Ministry of Education, Government of India Channel allocation (2023) <https://pmevidya.education.gov.in/swayam-prabha-tv.html>

Gyan Vani Delhi Transmission (May 2023 schedule) [http://www.ignou.ac.in/userfiles/Delhi Gyan Vani Monthly Schedule May \\_ 2023.pdf](http://www.ignou.ac.in/userfiles/Delhi%20Gyan%20Vani%20Monthly%20Schedule%20May%202023.pdf)

Gyan Darshan Schedule (May 2023) [rcdelhi1.ignou.ac.in](http://rcdelhi1.ignou.ac.in)

[http://rcdelhi1.ignou.ac.in/news/detail/1/The live teleconference sessions of Gyan Darshan Channel scheduled for May 2023-299](http://rcdelhi1.ignou.ac.in/news/detail/1/The%20live%20teleconference%20sessions%20of%20Gyan%20Darshan%20Channel%20scheduled%20for%20May%202023-299)

Ankuran Dutta, Gitali Kakati (2018). Multimedia Courseware as a means of Reformatations in Open Universities in India. *Asian Journal of Distance Education* 13(2)ISSN 1347-9008 Asian J D E 2018 pp 32 - 47 <http://www.AsianJDE.org>

Sriram Arulchevan and D. Viswanathan (2008) "Radio, Television and the Internet providing the Right to Education in India" *Asian Journal of Distance* 6(1) pp 39 - 52 ISSN 1347-9008 Asian J D E 2008

<http://www.AsianJDE.org>

Gaur, M., & Bohra, R (2019). Efficacy of new media-based video lectures in open and distance education system of India. *Asian Journal of Distance Education* 14 (2) 2019

[https://www.academia.edu/1543931/Radio\\_Television\\_and\\_the\\_Internet\\_providing\\_the\\_Right\\_to\\_Education\\_in\\_India](https://www.academia.edu/1543931/Radio_Television_and_the_Internet_providing_the_Right_to_Education_in_India)

Gaur, M., & Bohra, R. (2017). New Media Interventions at Open Universities in India. *EUROPEAN ACADEMIC RESEARCH*. 3177-3192

[https://www.researchgate.net/publication/350708910\\_New\\_Media\\_Interventions\\_at\\_Open\\_Universities\\_in\\_India](https://www.researchgate.net/publication/350708910_New_Media_Interventions_at_Open_Universities_in_India)

Singh, M., Adebayo, S.O., Saini, M. et al. (2021) "Indian government E-learning initiatives in response to COVID-19 crisis: A case study on online learning in Indian higher education system" *Educ Inf Technol* 26, 7569–7607. <https://doi.org/10.1007/s10639-021-10585-1>

[www.syamprabha.gov.in](http://www.syamprabha.gov.in)

[www.pib.gov.in](http://www.pib.gov.in)

[www.ir.inflibnet.ac.in](http://www.ir.inflibnet.ac.in)

[www.timesnownews.com](http://www.timesnownews.com)

[www.ignou.ac.in](http://www.ignou.ac.in)

[www.egyankosh.ac.in](http://www.egyankosh.ac.in)

[www.researchgate.net](http://www.researchgate.net)

[www.indianeducationdiary.com](http://www.indianeducationdiary.com)