

Agriculture Channel (Kisan Vani): An innovative effort for doubling farmers income in India

Timeline: 2001-2004

Launch Date: 15 Feb. 2004

2003



Shri Rajnath Singh Minister of Agriculture (MOA), GOI



Dr. H. O. Srivastava, Head AIR Resources (Prasar Bharati)

Secretary & officers of Ministry of Agriculture (MOA)



Scheme:

- Broadcast from 96 FM stations of AIR (To be leased for one hour daily)
- Program production by AIR: agricultural practices, animal husbandry, horticulture etc.
- Content creation committees

Helping farmers in doubling their income as envisioned by Prime Minister of India

Mission: Doubling farmer's income by establishing nationwide agriculture Channel for knowledge enhancement

Video Link: https://youtu.be/C6TZa9r_k7s

Agriculture Knowledge Dissemination

Designed, Developed & Commissioned by World Development Foundation for Bihar Agricultural University, Govt. of Bihar (a RKVY project)
Inaugurated by Hon'ble Chief Minister, Shri Nitish Kumar



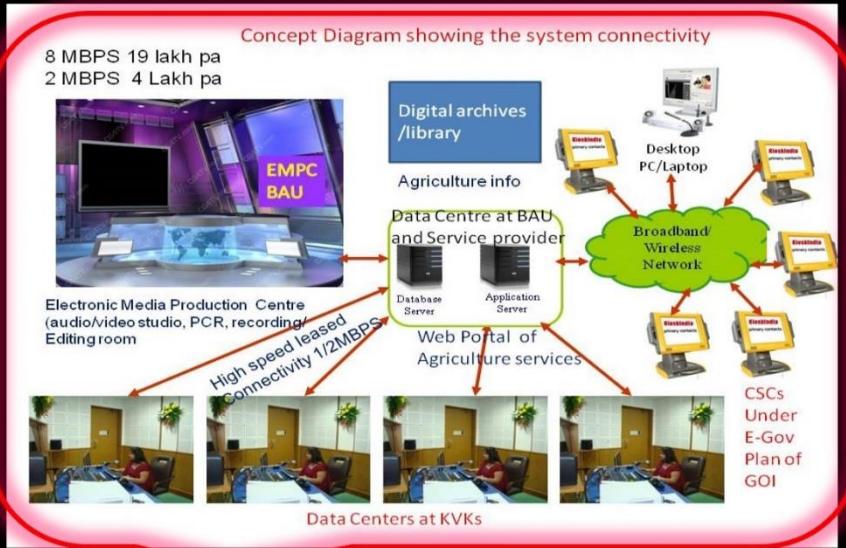
<http://wdfindia.org/ANDS.pdf>



Inauguration



Electronic Media Production Center



Mission: Integrating farmers, agricultural educators, researchers, and extensionists to harness knowledge and information from various sources for better farming and improved livelihoods. A unique solution on the Globe for the 2nd Green Revolution in India.

Conceived, designed, and implemented: World Development Foundation, in 2010

URL Links. <https://wdfindia.in/ANDS.pdf>

Video Link: <https://www.youtube.com/watch?v=3n1IE19xa-I> (Dr. Srivastava presents the scheme to the Minister of Agriculture and the Minister expresses gratitude to the World Development Foundation). Script in Hindi



UNIVERSAL INTERACTIVE EDUCATION USING VIDEO/AUDIO/TEXT WITH SELF EVALUATION

Hybrid Education:

- Mix of classroom and online
- Suitable for Higher, Middle & Primary Education
- Livelihood generation & Life long learning
- Main features
 - Uses Audio, Video, Text lessons with inbuilt question Bank.
 - Interactivity using lectures via video conferencing
- Advantages
 - Full course material available online for learning at anytime, anywhere
 - **Transparent like GMAT**



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MT01 Media & Technology

Home ONLINE Courses Course MT01 Community Radio MT01 Media & Technology

From the following select box, choose language of your preference:

Select language
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Learning objectives
After completing the course

You will learn the basics of:

1. Journey of Voice from Microphone to Radio Receiver
2. Understanding the Power Of "Digital" to empower
3. Compression: The Heart of Digital Revolution
4. Emerging trends in Broadcasting - Digital Broadcasting, Internet Radio, Satellite Broadcasting.
5. Satellite

Curriculum
Background

In the second half of the twentieth century and early of the twenty-first, along with the advancement of media technology, we have witnessed the dramatic transformation of delivery of content and journalism. There can be no denying that the technological revolution has exerted far reaching influences on news journalism and its production. Mass media may be the delivery of audio, video, text and multimedia has a profound affect on the people. Journalism has always been shaped by technology. The relationship between technology and journalism is not simply a cause and effect relationship in fact, they changed and determined each other.

In this six part interactive lecture series by Prof. R. K. Singh, former, Engineer-in-Chief of Doordarshan will share with you his broadcast management experience of about 40 years. The course is meant for students, teachers and practitioners of media and mass communication.

Expert Panel and speakers

1. His Excellency Dr. Manoj Nardevsingh, Secretary General, African-Asian Rural Development Organization

On-line Video Conferencing Lessons

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Best Universities in India

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CourseSC01: Chicken Farming

From the following select box, choose language of your preference:

Select Language
Powered by Google Translate

Learning objectives
After completing the course

You will learn:

Benefit of chicken Farming
What is hatchery?
Incubation
Process of Artificial Incubation

Lesson
Chicken farming

You will learn:

Benefits of Poultry Farming Business

1. Less Capital Required
2. No Need for a Big Space (Backyard of home can be used)
3. High Returns in Short Time Period
4. Low Maintenance
5. No License required
6. Easy Marketing
7. Easy Bank Loans
8. Income & Self Employment Opportunities

Curriculum
Background

Poultry farming is defined as 'raising different types of domestic birds commercially for the purpose of meat, eggs and feather production'. The most common and widely raised poultry birds are chicken. Around 5000 million chickens are being raised every year as a source of food (both meat and eggs of chicken). The chickens raised for eggs are called as layer chicken, and the chickens which are raised for their meat production are called broiler chickens.

Course Coordinator
Ms. Anojita Srivastava

Course Details

Text lessons-5
Video (English)-3
Video (Hindi)-5
Audio (Hindi)-4
Quizzes

On-line Video Conferencing Lessons

Lesson-1
Hatchery Couvoir, **فقسنة**
Voice over in English

Please go through the lesson-1 in your own language by choosing your language on top

Lesson-2
Backyard Chicken Farming ! घर के पीछे मुर्गी पालन ! تربية الدجاج في الفناء الخلفي !
Voice over in English

Lesson-3
Prevent and Treat the Most Common Chicken Diseases ! منع وعلاج امراض الدجاج الاكثر شيوعا !
Voice over in English

Lesson-4
Chicken farming: Various aspects
Hatchery - Chick Production

Chicken farming mainly is done for meat and egg production. It can provide a source of income to the rural peoples, particularly the poorest families. In this course, we will study-

Lesson-5
Hatchery: Process Flow diagram

Incubation and Hatching

Pre incubation: Incubation at 37°C (98.6°F) for 24 hours

Incubation: Incubation at 37°C (98.6°F) for 21 days

Storage in net holding room (25°C, 50-60% RH)

Pre incubation: Incubation at 37°C (98.6°F) for 24 hours

Pre incubation: Incubation at 37°C (98.6°F) for 24 hours

Chicken farming Quizzes

Lesson-2
Backyard Chicken Farming ! घर के पीछे मुर्गी पालन ! تربية الدجاج في الفناء الخلفي !
Voice over in English

Lesson-3
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Chicken farming Quizzes

Mission: WDF Universe for education and lifelong learning is a unique Digital online learning facility on planet Earth established by the World Development Foundation with a mission to educate about the importance of **SDG2030 to the world population and to achieve the SDG Goals** by providing professional courses for continuing education and lifelong learning opportunities. **The courses are FREE.**

URL Link: <https://wdfuniversity.org/>

Video URL for the chicken farming course: <https://wdfuniversity.org/online-courses/chicken-farming-for-a-living/>



BIRTH OF COMMUNITY RADIO IN INDIA

2002



SMT SHUSHMA SWARAJ
MINISTER OF I & B

Listen to Dr. Srivastava,
architect of the Community
Radio Scheme in India



DR. H. O. SRIVASTAVA
HEAD AIR RESOURCES,
PRASAR BHARATI



SHRI ANIL BAIJAL, ADDL
SECY. MINISTRY OF I & B

Chronology:
Aug. 2002: idea & Discussion
Oct. 2002: Finalization of Draft
Dec. 2002: Act passed

Mission: Dr. Srivastava gets Cabinet approval for Community Radio establishments in India

Video URL: <https://youtu.be/hg9JljMXJrk>



A Revolutionary Approach: Pioneering Community Radio for Agricultural Development in India



Mission: **Revolutionizing Agriculture** in India using Community Radio in Agriculture Universities to upgrade the farmer's knowledge

URL Links: https://wdfindia.in/presentation_WDF.pdf <https://wdfindia.in/rv.pdf> <https://wdfindia.in/ATMA.pdf>



Mission: Popularising Science Education in India: National Workshop on Use of IT & New Media in Science Education by World Development Foundation. New Delhi, India. 17th and 18th March 2010

Video Link: <https://wdfindia.in/slide/Multi%20Goel.pdf>



Mission: Visit of students and faculty of **Erasmus University Rotterdam for interaction with top management of the World Development Foundation and PHD Chamber of Commerce of India to understand the rising economy of India.**

Video Link: <https://wdfindia.in/photoefr.htm>



WORLD DEVELOPMENT FOUNDATION



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Website: <http://wdfindia.org> Email: wdfindia@yahoo.co.in



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These are educational videos on agriculture and horticulture practices to be used for incre... >

[wdfindia.in](#) and 4 more links

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Aprajita Srivastava short biographic video
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Awards & applauds to Prof. Dr. Sir Hari Om Srivastava
102 views · 1 year ago



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Women empowerment
89 views · 1 year ago



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Birth of Computer in All India Radio (Ministry of I&S) India: A saga of computer history...
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Constitution of Indian Broadcasting (Engineers) Service : A Tribute to Padma S...
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Birth of Technical Education and Research Institute (TERI) in Ghazipur, Uttar Pradesh
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Birth of Broadcast Engineering consultants India Ltd. (BECIL), under Ministry of I & B
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Episode-B: Birth of Kisan (Agriculture) channel in India
182 views · 2 years ago



Bharat Ki Azadi ka Amrit Mahotsav ICAR (IIS) by Dr. H. O. Srivastava
202 views · 2 years ago



Birth of Radio on Indian Rails
202 views · 2 years ago

WDF Video Channel for education

URL: <https://www.youtube.com/user/wdfindia/videos>

Radio for Development & Collaboration


World Development Foundation produces content on various themes for social development. The sample of the content of various genres are reproduced below. You may contact us for the content available with us or new content for your station.

Farming Program

Agriculture in India is one of the most prominent sectors in its economy. India is the largest producer in the world of milk, cashew nuts, coconuts, tea, ginger, turmeric and black pepper. It also has the world's largest cattle population (193 million). India is expected to achieve the ambitious goal of doubling farm income by 2022. The agriculture sector in India is expected to generate better momentum in the next few years due to increased investments in agricultural infrastructure such as irrigation facilities, warehousing and cold storage. Furthermore, the growing use of genetically modified crops will likely improve the yield for Indian farmers. India is expected to be self-sufficient in pulses in the coming few years due to concerted efforts of scientists to get early-maturing varieties of pulses and the increase in minimum support price. Total agricultural exports from India grew at a CAGR of 14.61 per cent over FY10-19 to reach US\$ 38.54 billion in FY19. In FY20 (till November 2019) agriculture exports were US\$ 22.69 billion.


Radio WDF shall provide you audio content on Crops, Oilseeds & Pulses, Horticulture, seed, fertilizer, plant protection, machinery, rainfed farming, natural resources management, agriculture marketing, plan and policy and trade in various regions of the country.

Programmes in Hindi

Click on audio image to get the playlist... 



Programmes in Tamil

Click on audio image to get the playlist... 

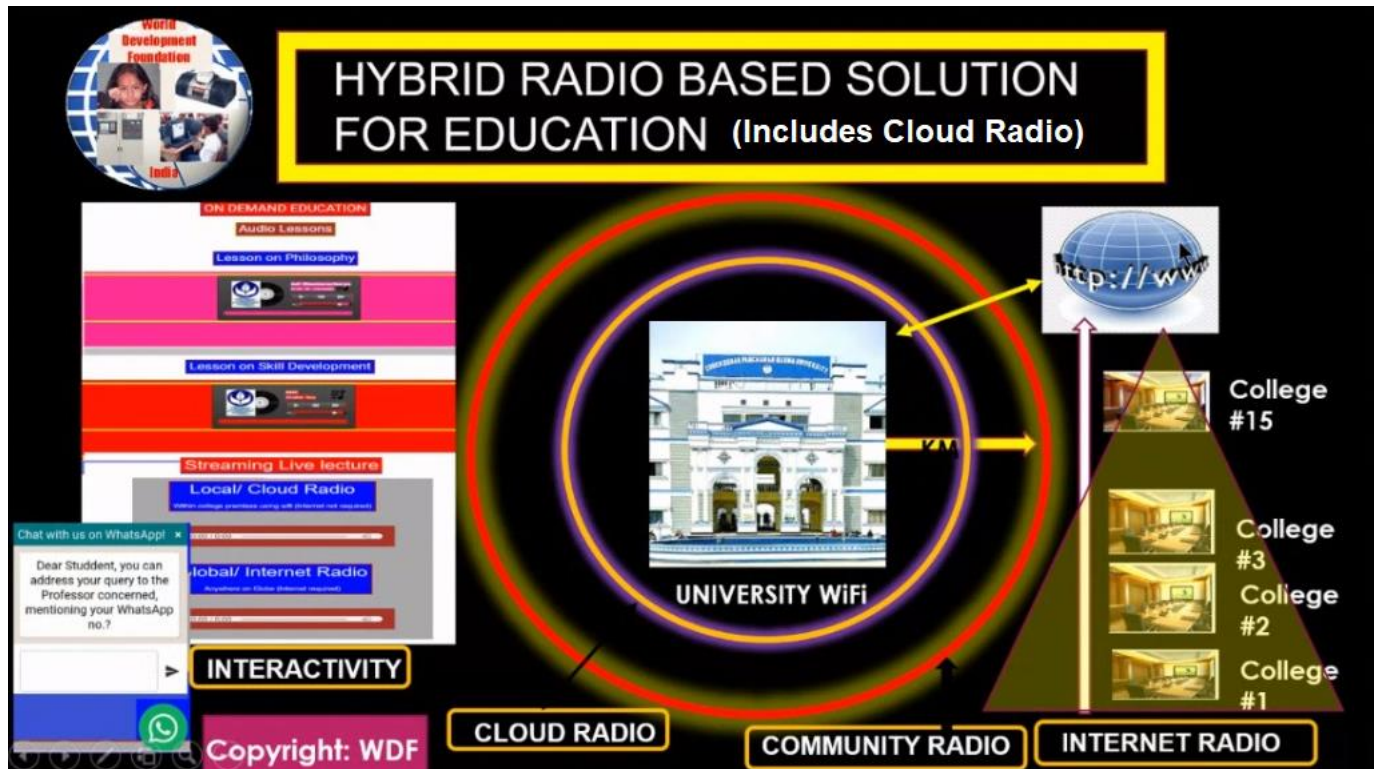


Birth of Technical Education and Research Institute (TERI)



Mission: Bringing Higher Education Closer to Home: TERI – Dr. Srivastava's Guru Dakshina (Payback) to his birthplace (1994)

Video URL: <https://youtu.be/y9KYiNatJow>



Mission: On-line Education in India during the COVID pandemic, designed and implemented by the World Development Foundation

Birth of Gyan Vani Channel

Timeline
August 2001



Press Information Bureau
Government of India

पत्र सूचना कार्यालय
भारत सरकार

Government of India

PIB Releases

August 02, 2001

40 FM STATIONS FOR EDUCATION SECTOR IN 2 YEARS

40 FM Radio Stations, for transmission of education based programmes, are to be commissioned in two years. The Government has identified Indira Gandhi National Open University (IGNOU) as the nodal agency for these "Gyan Vani" Stations. The IGNOU has come to an understanding with Prasar Bharati to make use of the existing infrastructure of All India Radio to co-locate the transmitters for these stations, which will help save substantial costs. A Memorandum of Understanding was signed to this effect here today between Prasar Bharati and IGNOU. The signatories to the MOU were Shri K. S. Prasada Rao, Registrar of IGNOU and Shri H. O. Srivastava, Chief Engineer from AIR. Shri H. P. Dixit, VC of IGNOU and Shri Anil Bajjal, CEO of Prasar Bharati were also present.

Signing of MOU for Gyan Vani Channel



Dr. H. O. Srivastava, Chief Engineer (Project) & Head AIR Resources (extreme left) and Shri K. S. Prasada Rao, Registrar (Extreme right) signing the MOU



Projected Profit in 10 years: 128 crores

Mission: Start online distance education in India using mass media for four million students of Indira Gandhi National Open University serving students of India, Abu Dhabi, and Australia

Video Link: <https://youtu.be/rM1HXbewxgw>

Chronology of computer network development in world/ India

| | | |
|---|--|---|
|  | <p>Oct. 29, 1969: The first message "LO" sent from University of Utah to Stanford Research Institute (SRI), University of California.</p> <p>1986: NSFNET went online</p> <p>1996: Dr. H. O. Srivastava publishes, <u>Broadcasting in the Cyberspace</u>, IEEE*</p> <p>1996: "The Dancing Baby, the first viral video on net"</p> |  |
|---|--|---|

| | | |
|---|--|---|
|  | <p>Year 1986</p> <p>Educational Research Network (ERNET) Department of Electronics & UNDP Carrier: leased-line portion of the backbone</p> |  |
|---|--|---|

| | | |
|---|--|---|
|  | <p>Year 1985-86</p> <p>AIRNET All India Radio Carrier: INSAT I B Places connected: Delhi & Kolkata and a small file transferred.</p> |  |
|---|--|---|

1991

CERN introduces the World Wide Web to the public

internet began on 15 August 1995

All India Radio established AIRNET using Satellite and Telecom network and successfully transmitted data within India. However, it could not do the same globally due to regulatory restrictions and lack of funding support.

*<https://doi.org/10.1109/30.555772>

Dr. Hari Om Srivastava: A Trailblazer in Computer Technology (1982-1991): 1982: Introduced computers to AIR operations, making them the first broadcast organization in the Asia Pacific to do so. 1985: Established a satellite-based network connecting Delhi and Kolkata, a significant accomplishment predating ERNET, 1991: Implemented computer-based election result counting and analysis system. This marked a global first, revolutionizing the efficiency and accuracy of election results in India. This system continues to be utilized in Indian elections.

Video Link: <https://youtu.be/L8nCHs1kRag>

<https://youtu.be/3ubWWDI29YI>

MOU WITH WORLD SPACE USA FOR AFRISTAR (DIGITAL RADIO SERVICE TO MIDDLE EAST & NORTH EAST AFRICA)

The Chief Executive Officer, Prasar Bharti, Shri Rajiv Rattan Shah exchanging documents with the President and Chief Operating Officer, World Space, USA, Mr. Harold Adams after signing an agreement for All India Radio (AIR) with M/s World Space Corporation, Washington D.C., in New Delhi on May 24, 2000.

Under this agreement World Space will provide one channel in its transponder in the East Beam of Afristar Satellite. This will facilitate AIR to launch Digital Radio Service to the Middle East and North-East Africa.

Photo by: I. Ali

PIB Photo No. NNC-32716

TBM:RB:MR:SKM:RK: 24.05.2000

PIB PHOTOS ON INTERNET

ptb.nic.in



DR. H. O. Srivastava (2nd from Right) Head of AIR Resources facilitated the launch of the service

Mission: Extending India Program to the Middle East and North East Africa. (Later extended to South East Asia)

Video Link: <https://youtu.be/ANbP5-nD0rg>

Birth of AIR Global: Extension of AIR Delhi FM to Mauritius

Timeline

May 2002



THE FINANCIAL EXPRESS

Mauritius Tunes In To AIR FM

Posted online: May 01, 2002 at 0000 hrs

New Delhi: In a significant development, India has bagged a contract to offer its All India Radio (AIR) FM services to Mauritius. This is for the first time that India has struck a deal of this nature with another country. Even as countries in Africa and Asia have recently begun receiving AIR FM programmes on satellite radio platform WorldSpace, the current deal with Mauritius will enable listeners to tune in to their normal FM radio sets for AIR programmes.

The contract with the Mauritius Broadcasting Corporation has been approved by authorities of both the countries, and a memorandum of understanding (MoU) will be signed soon, according to AIR Resources head Dr HO Srivastava. If things go as planned, this service will take off within the next two months in Mauritius, said Dr Srivastava.



Dr. H. O. Srivastava, Hea AIR Resources
Sh. Anil Bajjal, CEO Prasar Bharati in
Mauritius

Mission: Extending India Program to Mauritius

Video Link: <https://www.youtube.com/watch?v=MJewpgKheVg>

Description with videos available at https://sirhariomsrivastava.in/videos_PB.htm