

CATALOGUE

1984 - 2008

AGRICULTURE & ANIMAL HUSBANDARY

Pashupalan

00:47:14:00 1986 GUB-92
Producer: NDDDB, AMUL

Pashupalan Part-1 & 2

00:17:48:00 1986 GUB-93
00:19:13:00
Producer: NDDDB, AMUL

Live Stock Farming - Part 1

00:17:57:00 1987 GUB-124
Producer : Himanshu Trivedi

This program deals with the characteristics of different kinds of goats, sheep, etc. and their usefulness in the Arid Zone of Rajasthan.

Live Stock Farming - Part 2

00:20:00:00 1987 GUB-125
Producer: Himanshu Trivedi

This deals with the problems of live stock farming and the probable solution using various breeds among sheep and goats.

Drip System

00:19:47:00 1988 GUB-196
Producer : Malti Mehta

One of the ways is the irrigation by drip system. Save the trees and thereby to save the farmers by putting the trees at a high productivity level is their motto. The program deals with the various aspects of the irrigation by the drip system. The fight of the farmers for saving their trees from dying in the drought creates a new history in the field of agriculture.

Irrigation Management Action Programme Under Mahi-Kandana Project

00:20:08:00 1988 GUB-232
Producer : Malti Mehta

Water Distribution by Warabandhi System - Experiences of Rawlapura Distributory Block

00:19:13:00 1988 GUB-232
Producer : Malti Mehta

Equitable water distribution under canal systems is a key to overall productivity and social justice under public canal projects. The system encourages farmer participation, also at the management level.

Mohni Water Cooperative Society – Under Ukai Kakarapar Project (Irrigation Management)

00:17:46:00 1989 GUB-264
Producer : Drashti

Mohni Water Co-operative Society in Surat district of Gujarat is one of the societies which collects water charges from the members and pays to government on volumetric basis. The Society has shown that it's possible to bring together beneficiary farmers under one forum for irrigation management below outlets.

Field Channels (Irrigation Management)

00:17:42:00 1989 GUB-277
Producer : Drashti

Field channels are small and relatively simple flow channels compared to those of the canal network. The program shows some of the important technical aspects of field channels.

Water Distribution by Warrabandhi System: Experiences of Rawalpura Distributory Block (Hindi)

00:19:13:00 1989 GUB-232
Producer: Malti Mehta

<p>Mohini Water Co-operative Society Under Ukai Karapar Project (Hindi) 00:17:46:00 1989 GUB-264</p>
<p>Poultry Farming 00:16:02:00 1990 GUB-305 Producer: Ashok Mewada</p> <p>The program 'Poultry farming' introduces the zoological aspects of the Poultry farming. Detailed information of each poultry farm has been explained in the program. Different aspects of poultry management such as food, supply of water are also include in the programme.</p>
<p>Dantiwada Project – Participatory Water Management 00:19:38:00 1991 GUB-334 Producer: Malti Mehta</p> <p>The programme talks about the success of participatory water management and equitable distribution of water over a large area under the Dantiwada Irrigation Project of Gujarat during the Rabi season of year 1990-91.</p>
<p>Operational Research Project for Reclamation of saline And water logged Soils 00:17:04:00 1991 GUB-239 Producer: Malti Mehta</p> <p>This program talks about a research project wherein an effort has been made to evolve a cost-effective soil reclamation technique.</p>
<p>A talk with Prof. C.P. Malik Part-I – Crop Productivity Constraints 00:12:00:00 1993 GUB-612 Producer: Ashok Mewada</p> <p>The program 'A talk with Prof. C.P. Malik' Part-1 tells about productivity in Indian agriculture. The increase in crop production was achieved through the use of pesticides, better water management.</p>

<p>A talk with Prof. C.P. Malik Part-II Crop Productivity: Role of Plant growth Regulators 00:12:12:00 1993 GUB-612 Producer: Ashok Mewada</p> <p>Plant growth regulators is one of the 5 technologies. It also reduce plant height, fruit shattering and increase seeds and fruits per plant. These aspects are discussed in this programme by Prof. C.P. Malik.</p>
<p>Use of Water for Agriculture 00:25:00:00 1994 GUB-441 Producer: Rajesh Jhaveri</p>
<p>Sugar Science Part-1 Micropropagation In Sugarcane 00:25:00:00 1995 B/6/16 Producer: Malti Mehta</p> <p>With the rapidly expanding sugar industry and somewhat stagnating yield levels during the 1970's, it was felt that, there was an urgent need to increase cane productivity without further area expansion.</p>
<p>Sugar Science Part-2 Germ Plasm 00:25:27:00 1995 B/6/16 Producer: Malti Mehta</p> <p>In this program, sugarcane germplasm, that is, sacrum-based grasses, are discussed. Developing new varieties, evaluating and identifying different clones and breeding are some of the programmes.</p>
<p>Sugar Science Part-3 Breeding Techniques-I 00:26:44:00 1995 B/6/17 Producer: Malti Mehta</p> <p>Varietal evolution work is carried out at Sugarcane Breeding Institute, Coimbatore since 1912. In this programme all the steps of hybridization work are explained with demonstration.</p>

<p>Sugar Science Part-4 Breeding Techniques-II 00:17:17:00 1995 B/6/17 Producer: Malti Mehta</p> <p>The Sugarcane Breeding Institute has also formulated a special Sugarcane Seed Production Programme and a National Hybridisation Garden, both of them are explained in this programme.</p>
<p>Sugar Science Part-5 Biofertilizers 00:16:06:00 1995 B/6/17 Producer: Malti Mehta</p>
<p>Sugar Science Part-6 Managing Diseases And Pests 00:26:43:00 1995 B/6/17 Producer: Malti Mehta</p> <p>There are over 217 species of insect pests attacking sugarcane. They are classified as regular and occasional pests. In this program, the diseases, pests and nematodes of sugarcane crop are explained in details.</p>
<p>Sugar Science Part-7 Sugarcane Breeding Institute 00:25:44:00 1995 B/3/33 Producer: Malti Mehta</p> <p>Sugarcane Breeding Institute at Coimbatore is one of the world renowned sugarcane Research Organisation founded in the year 1912. This program is a profile of the institute.</p>
<p>Coffee Science Series Part-1 Agrotechniques in Coffee-I 00:21:00:00 1997 B-3/44 Producer: Malti Mehta</p> <p>In this program, a few agrotechniques are described like Nursery, Field Planting, Soil management and weed control.</p>
<p>Coffee Science Series Part-2 Agrotechniques in Coffee-II 00:20:00:00 1997 B-3/135 Producer: Malti Mehta</p> <p>Bush management by topping, debudding, pruning, handling and rejuvenation. Also irrigation and shade management are other important agrotechniques</p>

<p>Coffee Science Series Part-3 Chemistry & Coffee Nutrition 00:17:02:00 1997 B-3/136 Producer: Malti Mehta</p> <p>In this programme, fertilizer requirement of coffee plant based on soil and leaf test is discussed. Standard fertilizer schedules, fertilizer application methods and curative measures for overcoming deficiency are described in details.</p>
<p>Coffee Science Series Part-4 Coffee Biotechnology – An Insight 00:16:21:00 1997 B-3/137 Producer: Malti Mehta</p> <p>The conventional breeding has limitations for coffee improvement because of the genetic barrier of chromosom number. Biotechnological approaches help in overcoming these bottlenecks. Besides the tissue culture methods such as micropropagation, embryo rescue, anther culture, cell line and somaclonal selection, protoplast fusion and genetic transformation are also discussed in the programme.</p>
<p>Coffee Science Series Part-5 Physiological Manipulation For Higher Yield 00:21:16:00 1997 B-3/138 Producer: Malti Mehta</p> <p>In this programme, use of growth regulators in increasing the fruitset and controlling the premature berry drop, physiological approaches of drought management are discussed.</p>
<p>Coffee Science Series Part-6 Disease Management in Coffee 00:16:00:00 1997 B-3/139 Producer: Malti Mehta</p> <p>Disease control plays a major role in the management of coffee plantation. Coffee plant is susceptible to fungal diseases. Most of them can be controlled by timely application of fungicides. Programme was initiated by the Central Coffee Research Institute as early as its inception in 1946.</p>

Coffee Science Series

Part-7

**Pest Management
in Coffee**

00:25:30:00 1997 B-3/140

Producer: Malti Mehta

As any cultivated crop, coffee is also subjected to an attack of various pests which cause economic loss by way of damaging the plant as well as the crop. Biology of these pests and the management practices are depicted in details in this programme.

Coffee Science Series

Part-8

**Coffee Improvement
Past, Present &
Future**

00:22:10:00 1997 B-3/141

Producer: Malti Mehta

Varieties developed at Central Coffee Research Institute now occupy over 90% of the total area in India. This programme gives chronological data on the same along with the propagation methods using seeds, single node mallet and terminal cuttings as well as wedge-cleft grafting.

Coffee Science Series

Part-9

**Quality in Coffee-I
On Farm**

00:23:50:00 1997 B-3/142

Producer: Malti Mehta

Coffee is a favourite beverage the world over. Now it is the time for Indian coffee to show its strength in quality capabilities – which refers to a summative index of raw, roast and liquor characteristics of coffee. Various steps involved for this are discussed in the programme.

Coffee Science Series

Part-10

**Quality in Coffee-II
In Cury & Cuptasting**

00:21:54:00 1997 B-3/143

Producer: Malti Mehta

Coffee processing is an art and science. Estate level processing ensures the moisture standards, the grading and garbling standards have to be strictly maintained by the curing works. All these are described in details in this programme.

Coffee Science Series

Part-11

**Central Coffee Research
Institute – A Profile**

00:30:26:00 1997 B-3/144

Producer: Malti Mehta

The pioneering success achieved at the Mysore Coffee Experiment Station in Coffee Research laid strong foundation to expand research activities further. This programme depicts the Institute's profile and its contribution to coffee industry. Future strategies also are described.

Coffee Science Series

Part-12

**Coffee in changing
Scenario – A Talk with
Mr. P. Chidambaram**

00:14:57:00 1997 B-3/145

Producer: Malti Mehta

In the long history of coffee breeding in India, significant changes have occurred. This programme is an interaction with then Union Commerce Minister. He talks about price control, quality, high productivity, role of research and development and transfer of technology.

The use of fertilizers has revolutionized crop production system. Use of bio-fertilizers is one of the many measures suggested to fight pollution. In this program, the beneficial effects of bio-fertilizers (Azospirillum, Azotobacter, etc.) are discussed with examples.

ARCHITECTURE

Earthen Architecture

An Old idea:

A new future

00:13:10:00 1989 GUB-223

Producer: Ashok Mewada

The program starts with different uses of the earthen material since dawn of mankind and its negligence in the recent time. Important techniques of the earthen architecture have been shown.

<p>An introduction to Architecture 00:17:15:00 1989 GUB-255 Producer: Neha Shah</p> <p>It explains how man moulds his physical environment or habitat just as a potter creates his wares of clay. It explains how various shapes and forms are generated from a point.</p>
<p>Music in Marble Part-I 00:23:25:00 1989 GUB-281 Producer: Vismay Shah</p> <p>The program is targeted on the students of Ancient Art History, Aesthetics, Sculpture Architecture, Archaeology and Indology. It deals with the structural beauty and sculptural value of the Delwara temples made out of Marble located at Mt. Abu in Rajasthan.</p>
<p>Music in Marble Part-II 00:21:56:00 1990 GUB-276 Producer: Vismay Shah</p> <p>It deals with the structural and sculptural work of Loona Vasahi temple built in 12th century by Vastupal and Tejpal at Mt. Abu. The program accelerates an artiste's delight with audio combination of Indian classical music.</p>
<p>The Living Heritage Of Temple Architecture Part-I 00:20:10:00 1990 GUB-359 Producer: Vismay Shah</p> <p>This program deals with the tradition of temple architecture. There are two major styles of temple architecture, the Naagaradi Shaili and the Dravidadi Shaili. The dedication of making life size drawings and then constructing the temple parts according to the drawings is really great.</p>
<p>The Living Heritage Of Temple Architecture Part-II (Sompuras the sculptures and architects of Jain temples) 00:27:25:00 1991 GUB-340 Producer: Vismay Shah</p> <p>This program is an interview of Shri Amritbhai Trivedi and Chandubhai Trivedi of how Sompuras who explain the history of Sampura, how a temple is designed, what are different parts of the temple, how they are related, etc. They also</p>

<p>talk about their master works. So this program gives an idea to the students how temples are designed, carved and built in present.</p> <p>The Living Heritage Of Temple Architecture Part-III (Sompura) 00:29:28:00 1991 GUB-374 Producer: Vismay Shah</p> <p>This program is the third and last part of the serial "The living heritage of temple architecture". This program discusses the preparation of temple drawings, distinguishable features of Western Indian temple architecture, etc.</p>
<p>Majestic Edifice: A programme on Hathisinh Temple 00:21:24:00 1992 GUB-522 Producer: Vismay Shah</p> <p>This program is about the architecture and sculpture of Hathisinh temple built in 1848 in Ahmedabad.</p>
<p>Ferro Cement – An Available option 00:17:50:00 1992 GUB-297 Producer: Ashok Mewada</p> <p>Ferro cement appears to be one such technology where essentially layers of wire meshes are sandwiched in cement mortar. Ferro cement is used for wide range of application such as roofs, walls, coping, doors, liquid containers, toilet pans and even furniture.</p>
<p>Sun Temple of Modhera 00:21:51:00 1999 B/3/181 Producer: Vismay Shah</p> <p>Sun temple of Modhera is an epitome of Indian culture. The programme shows the architectural and sculptural beauty of the temple. Some basic information about the location, period and the architectural style of the temple is given. The various sculpture of Gudhamandapa (the main temple), Sabhamandapa and Suryakunda is also described in the programme.</p>

<p>Rani Vav – The Step well of Patan 00:22:24:09 2000 B/3/224 Producer: Vismay Shah</p> <p>The program deals with the subject of Stepwell – Vav, especially, Rani Vav. Its peculiar architecture and sculpture. The function of the step-well, the location and brief history of Rani Vav.</p>
<p>Harmony in Stone 00:18:8:00 2002 B/3/303 Producer: Vismay Shah</p> <p>The program is about two important stepwells in and around Ahmedabad (Dada Harir and Rudabai stepwells). It deals with the location, period, architecture and sculpture of both the stepwells.</p>
<p>Building Visions 00:23:38:00 2002 B/3/294 Producer: Ashok Mewada</p> <p>This program is a comprehensive overview of the architectural treasures of the city over past six centuries – since its founding. This constant process of change and amalgamation is brought out through this documentary.</p>
<p>Building Visions Part-II 00:12:00:00 2004 B3/320 Producer: Ashok Mewada</p> <p>Ahmedabad is placed on the world map of architecture owing to its rich architectural legacies. The program showcases the buildings designed by the two modern masters in the city. It aims to provide understanding of their salient architectural features and the issues they demonstrate.</p>
<p>An Ancient Getaway 00:14:05:00 2004 B/3/424 Producer: Ashok Mewada</p> <p>Nestled at the foothills of the Aravalli and blanketed by dense forests, 'Polo' was once the escape route for kings of the Idar and Patan Kingdoms. Natural splendor and exquisite human efforts encased in solitude make Polo philosophical in spirit. The documentary attempts at capturing this elusive beauty of Polo.</p>

<p>Video Lecture on Architecture Part-1 – Unveiling Architecture 00:17:10:00 2004 B/AHM/6-177 Producer : Ashok Mewada</p> <p>The presentation explained that Architecture is a fusion of art and science. Dictums of good architecture are utility, strength and beauty. Architecture is a sum total of forces of climate, construction and culture. Siting, approach, form, massing, space organization, movement, scale, proportion and surface articulation are the tool of architecture.</p>
<p>Video Lecture on Architecture Part-2 – Space Perception 00:16:24:00 2004 B/AHM/6-177 Producer : Ashok Mewada</p> <p>This presentation identified the process of encoding and decoding messages.</p>
<p>Video Lecture on Architecture Part-3 - Elements of Space 00:15:19:00 2004 B/AHM/6-177 Producer : Ashok Mewada</p> <p>This presentation identifies that there are 7 fundamental physical elements that constitutes space.</p>
<p>Video Lecture on Architecture Part-4 : Elements of Space Making : Column 00:16"03:00 2005 B/AHM/3/627 Producer : Ashok Mewada</p> <p>Column is a slender, vertical supporting element, loaded from the top and transferring the load axially to the base. It is one of the seven basic elements of space making.</p>
<p>Video Lecture on Architecture Part-5 : Elements of Space Making : Wall 00:13"44:00 2005 B/AHM/3/627 Producer : Ashok Mewada</p>

Wall is one of the basic seven elements of space making attributing support and volume to the space. Wall remains most registrable in the case of vision and therefore has communication value in visual terms.

Video Lecture on Architecture

Part-6 : Door

00:14:20:00 2005 B/AHM/3/
600

Producer : Ashok Mewada

This presentation covers the attributes and roles of door as one of the basic space making elements. Door guides the movement through its positioning as connecting points.

Video Lecture on Architecture

Part-7 : Windows

00:18:36:00 2005 B/AHM/3/
598

Producer : Ashok Mewada

This lecture covers how versatile window is as one of the seven basic space making elements. Transparency and porosity for light, view and ventilation are the universal attributes of windows.

Video Lecture on Architecture

Part-8 :

Elements of Space Making : Roof

00:14:57:00 2006 B/AHM/3/
658

Producer : Ashok Mewada

This lecture covers various examples i.e. connoting with sky in most cultures, the overhead plane and shelter are the universal attributes of the roof.

Most visible element from distance roof imparts identity and character to the building. Enclosure of space, modulation of volume, image making and encoding symbols are the spatial roles of a roof.

Enclosure of space by containing volume, modulation of scale by ceiling manipulation, encoder visual symbols as distant plane and image maker through its visibility are the key spatial roles of the roof.

Video Lecture on Architecture

Part-9 :

Elements of Space Making : Stair

00:17:47:00 2006 B/AHM/3/
671

Producer : Ashok Mewada

Stair is a most dynamic element of the 7 basic space making elements from Floor to Roof. From Steps, Ramp, Ladder, Stairs to modern day escalators and elevators, stair signifies simultaneous displacement in horizontal and vertical director, which makes it dynamic and sculptural.

Video Lecture on Architecture

Part-10 :

Elements of Space Making : Floor

00:17:17:00 2006 B/AHM/3/
676

Producer : Ashok Mewada

In this lecture we learnt that floor is one of the most pragmatic and functional elements of space making. Floor provides datum plane for the superstructure and gives a sense of repose. Definition of space by demarcating territorial limit, guiding of movement through floor articulation and patterns, modulation of scale through floor levels and forms; and encoding of messages through encrypted visual clues are some of the most fundamental spatial roles of a floor. Floor being the only architectural element that involves the sense of touch its texture and levels remain the most potent dimensions of design.

Video Lecture on Architecture

Part-11 :

Kinesthetics in Architecture

00:21:02:00 2006 B/AHM/3/
699

Producer : Ashok Mewada

Kinesthetics is a changing perception while in movement. In this presentation of spacial narratives through Kinesthetics, it is a movement that holds the key to perception in Architecture. Good architecture understands this phenomenon of Kinesthetics and applies its principles in space organization. This phenomenon is explained by the examples of Modhera-Sun Temple, Stepwell of Adalaj and Contemporary ATMA Building of Le Corbousier.

Architecture for water :

Stepwells

00:05:19:00 2007 B/AHM/3/
704

Producer : Ashok Mewada

This short documentary illustrates two great architectural examples of step wells existing in Gujarat. Primarily step wells are built to fetch water, but it is a social platform as well as shrine.

The various characteristics are also described in this programme about step wells.

Architecture for Worship :

Temples

00:05:40:00 2007 B/AHM/3/
705

Producer :Ashok Mewada

This short documentary depicts the temple architecture. This architecture communicates through space sequences, its organisation, scale, form, symbolism, entrance gates, ascending platforms, rising volumes of 'Shikharas', degrees of wall enclosure, light etc.

Ahmedabad Ki Vastukala

Virasat (Hindi)

00:23:29:00 2008 B/AHM/3/
713

Producer : Ashok Mewada

ART AND CULTURE

**Rasa Ranjita
Understanding
Indian dance**

Kuchipudi

00:18:01:00 1990 GUB-327

Producer: Savita Hegde

The program begins with an introduction to Kuchipudi and then explains the various aspects of the training and the dance. A few of the popular items are also demonstrated and explained.

**Rasa Ranjita
Understanding
Indian dance**

Bharata Natyam

Part-I

00:18:09:00 1990 GUB-313

Producer: Savita Hegde

The program begins with an introduction to Bharatanatyam and about the vigorous training students undergo.

**Rasa Ranjita
Understanding
Indian dance**

Bharata Natyam

Part-II

00:18:01:00 1990 GUB-327

Producer: Savita Hegde

Abhinaya is introduced and explained items with Abhinaya are shown and explained. The programme ends with a Tillana in full costume.

**Rasa Ranjita
Understanding
Indian dance**

Kathakali

Part-I

00:16:39:00 1990 GUB-313

Producer: Savita Hegde

The program begins with a brief history of Kathakali and then goes on to explain about the training.

**Rasa Ranjita
Understanding
Indian dance Kathakali**

Part-II

00:15:01:00 1990 GUB-336

Producer: Savita Hegde

How the Rasas are used in the actual dance is explained and after that the importance of make-up which is an essential part of Kathakali dance.

**Rasa Ranjita
Understanding
Indian dance**

Mohini Attam

00:22:49:00 1990 GUB-336

Producer: Savita Hegde

The programs are in a lecture cum demonstration type of format wherein various aspects of dance are explained and begins with an introduction to Mohini Attam.

Western Theatre

00:25:14:00 1990 GUB-357

Producer: Vismay Shah

The program give us panoramic view of the theatre Architecture in Europe beginning with the ancient Greek, the costumes, masks and the scenery used in different period and also the methods adopted to change scenery during a play.

Modern Theatre

00:19:09:00 1990 GUB-381

Producer: Vismay Shah

Sanskrit Theatre

00:18:35:00 1990 GUB-373

Producer: Vismay Shah

This program gives a glimpse into the 'Naty Mandapa' the theatre described in the 'Natyasastra' of 'Bharata', in which the plays of greatest Sanskrit play writes must have been staged. It gives an idea to the students how scientifically, creatively and meaningfully our ancient theatre was designed.

Medieval Sanskrit Theatre

00:20:02:00 1990 GUB-373
Producer: Vismay Shah

'Kootiyattam' is the glorious Sanskrit dramatic tradition which survives even today. This tradition of Kerala continued for a thousand years in theatres specially constructed in temples. These theatres are called 'Kootampalam' which means 'temple of drama'. We have explained the 'Kootampalam' theatre and how the 'Kootiyattam' performance takes place in it.

Modern Sanskrit Theatre Phase III & IV

00:19:04:00 1990 GUB-364
Producer: Vismay shah

In this program we discussed the Modern Sanskrit play production in Bharat Natya Shastra's style or western realistic style.

Modern Sanskrit Theatre Part-5

00:22:47:00 1990 GUB-390
Producer: Vismay Shah

This program informs the viewer that how, whom, where and by whom the Sanskrit plays were produced in modern times and gives an idea what is the stage of Sanskrit theatre in modern times.

Chinese Theatre

00:25:33:00 1990 GUB-402
Producer: Vismay Shah

This program deals with 'The Peking Opera' and its theatre the Tea Houses and its architecture in detail. It also tells about how the present Chinese government and people has preserved and used their classical theatre.

Kabuki Drama of Japan

00:16:57:00 1990 GUB-400
Producer: Vismay Shah

This program mentions the different roles and how it performs, etc, ultimately an appeal to preserve our great ancient classical Sanskrit tradition is made.

Japan's Noh Theatre

00:22:11:00 1990 GUB-396
Producer: Vismay Shah

This program deals with the Japan's Noh theatre. It tells about the brief history of it, its stage and auditorium and its architecture in detail. The program also mentions how in modern times the Japanese has preserved their ancient art.

The hand that creates

Part-1

Introduction

00:11:16:00 1991 GUB-477
Producer: Malti Mehta

It talks of art appreciation and gives an introduction to the basic elements. It traces the origin of arts from pre-historic cave paintings to communal arts which originated in palaces and places of worship.

The hand that Creates Part-2

Elements of Art

00:12:34:00 1991 GUB-477
Producer: Malti Mehta

This program details the elements and techniques used in a work of art. It deals with the four basic elements of a work of art viz., line, colour, light and emotions.

The hand that creates

Part-3: History-I

00:20:13:00 1991 GUB-477
Producer: Malti Mehta

This program deals with the pre-historic cave paintings in France and Spain and goes on to the great civilizations which flourished on the banks of rivers and their contribution to arts.

The hand that creates

Part-4: History-II

00:15:58:00 1991 GUB-477
Producer: Malti Mehta

It begins with the Buddhist influences on the far east and Christian influences on Europe in the development of art, the influence of dance and music on Indian art. The program ends with a brief glimpse of the modern Indian painters.

Luis Braille: A Mono Acting By C.C. Mehta
 00:38:00:00 1991 GUB-467
 Producer: Vismay Shah

Renowned theatre personality of Gujarat and India Shri C.C. Mehta performs a mono acting of Luis Braille. Shri C.C. Mehta talks about Luis Braille, the mono acting and how he performed it in France and got the prize. The program is targeted at the students of theatre, literature and students interested in Luis Braille's life.

Education through Art - Kahegi Swayam Sita
 00:18:55:00 1991 GUB-516
 Producer: Savita Hegde

From ancient times education has always been imparted through the arts. Through the entertainment much can be said about the different problems, human values, etc. This program talks about the status of women.

Education through Art – Part-1 The woman who dared To say “Rape”
 00:15:30:00 1991 GUB-516
 Producer: Savita Hegde

Among the social issues today, the problems of women are relevant and one of the worst is perhaps the problem of rape. The program talks specifically of rape. In a broader sense it conveys the status of women in society and indirectly inspires women to fight for their rights.

Education through Art – Part-1 Isa Vasya
 00:19:03:00 1991 GUB-516
 Producer: Savita Hegde

Know them by Dialogue Claude Garrigues Part-I
 00:16:31:00 1991 GUB-517
 Producer: Himanshu Trivedi

Know them by Dialogue Claude Garrigues Part-II
 00:15:46:00 1991 GUB-517
 Producer: Himanshu Trivedi

The above 2 programmes deal with information on different subjects through the experts in the field. Claude Garrigues is an Expert in Energy Conservation. In this program, he talks about

energy audit of industries, particularly the textile industry, tips for energy conservation, how awareness could be created at social and educational levels, etc.

Education through Art: Knowledge is Freedom
 00:12:09:00 1992 GUB-538
 Producer: Savita Hegde

It uses dance with narration (voice over), using the story of Eklavya & Drona. The program also stresses the importance of literacy.

Education through Art Zara Socheya
 00:12:09:00 1992 GUB-538
 Producer: Savita Hegde

This is part of the series Education through art. In a drama format it conveys messages of air pollution, noise pollution and hygiene. So called educated and modern people don't take care about these environmental problems.

Design – History
 00:18:19:00 1992 GUB-520
 Producers: Kaushik Brahmabhatt

This program is about the development of design. The development of Design tells the story in different fields like language, shelter, cloth, books, transportation and others.

Design – Today
 00:15:19:00 1992 GUB-520
 Producer: Kaushik Brahmabhatt

This program shows that the graphic design is not the only design. Anything around us is a part of design.

Design – Process Part-III
 00:24:35:00 1992 GUB-562
 Producer: Kaushik Brahmabhatt

We are using number of products in our day-to-day life but not known to the story behind that creation. It starts with the need of the product, new idea, conceptualization, process involved upto final product.

Design – Education Part-IV
 00:22:11:00 1992 GUB-568
 Producer: Kaushik Brahmabhatt

An ambitious student wants to be a Designer. He went to the Institute and found how the education

of design is being given and what opportunities are there for him.

The hand that creates:

Part-5

Techniques of Drawing

00:13:45:00 1992 GUB-572

Producer: Malti Mehta

Drawing is the backbone of all art. In this program the techniques of drawing like architectural drawings are explained along with its evolutionary development.

Divine Hues

(Nathdwara Paintings)

00:18:56:00 1994 GUA-1068

Producer: Malti Mehta

This program traces the origin of Nathdwara school of painting. Being the only living school of traditional Indian painting, where painters paint as devotees, this school indeed reflects the ethos of Indian culture and tradition in its original reference.

‘Kusum-Rekha’ –

Nature in Art &

Art in Nature

00:17:07:00 1999 B/3/42

Producer: Malti Mehta

Graphics give a facility to play with a variety of textures, depth, points, lines and they can create a variety of colours. Anjou Chaudhuri prefers to make her own paper by weaving variety of articles mainly from nature. Her creations are based on the philosophy that nature is the perfect example of how everything is created and recreated through a process of recycling.

Kite Flying: Festival

Of the Sun (Quickie)

00:02:58:15 2004 B/6/145

Producer: Ila Joshi

Festival of the Sun covers different aspects of the festival, people and how do they celebrate the occasion, the trade and commerce attached to the festival, people convey different messages through the festival of kite flying.

Patola of Patan –

Handloom to Heirloom

00:26:14:00 2004 B/6/144

Producer: Malti Mehta

The Patola of Patan are renowned the world over for their beauty and magnificence. The program

aims to draw attention to the complex process behind the creation of a patolu.

Garbo-The Dance of Gujarat

00:29:24:00 2005 B/AHM/3/653

Producer : Krishna Rao

India has a rich legacy of many traditional folk forms. “Garbo” popularly known as “Garba”. This marvelous folk form has many distinctions.

An Artists Day Out

00:27:56:00 2005 B/AHM/3/655

Producer : Krishna Rao

The main idea behind the expression by the artists was to generate an awareness of new creative way in which one can explore empty public spaces in the city.

Kutch Art Part-1 :

Interlacing Dreams

00:16:47:03 2006 AHM/3/624

Producer : Malti Mehta

Weaving is one of the significant arts of Kutch. In this programme whole process from starching , drying, dyeing, spinning to weaving is demonstrated. It also documents the contribution by women in sustaining this beautiful handicraft.

Kutch Art Part-2 :

Embroidery : A Thousand Dialects

in Stitches

00:26:51:00 2006 B/AHM/3/616

Producer : Malti Mehta

This programme depicts a rich tradition of Kutch. Ethnic communities maintain traditional crafts like embroidery of different types like Aahir, Aari, Rabari, Jat, Kharekh, Soof, Pakko, Mutwa.

ASTRONOMY

A Comet (Flash)

00:05:30:00 1985 GUB-15

Producer : Himanshu Trivedi

A Comet (Gujarati)

00:04:15:00 GUC-16

Producer : Himanshu Trivedi

<p>Welcome Mr. Halley Science-1 00:16:03:00 1985 GUB-54 Producer : Himanshu Trivedi</p> <p>Welcome Mr. Halley History-1 00:16:25:00 1985 GUB-54 Producer : Mr. Himanshu Trivedi</p> <p>Welcome Mr. Halley History-2 00:17:25:00 1985 GUB-55 Producer : Himanshu Trivedi</p> <p>History Part 1-2 describes the sightings of Halley's comet.</p> <p>Welcome Mr. Halley Halley's Comet-1 00:20:04:00 1985 GUB-55 Producer : Himanshu Trivedi</p> <p>Welcome Mr. Halley Halley's Comet-2 00:22:05:00 1985 GUB-55 Producer: Himanshu Trivedi</p> <p>Part-2 is an elaborate discussion on Halley's comet and contains data about the spacecrafts launched for the study of the comet in 1986.</p> <p>Welcome Mr. Hallery Science -2 00:19:28:00 1985 GUB-54 Producer : Himanshu Trivedi</p> <p>This part deal with the science of comets, their origin, the formation of the different parts e.g. tail, comma, etc., the chemicals in them, and the different orbits they follows.</p> <p>A Talk on 'What is the study of Astrophysics? 00:25:10:00 1985 GUB-67 Producer: Himanshu Trivedi</p> <p>This program covers the historical aspects of astronomy, gravitation, theory of relativity, plasma stage, black holes, etc. It deals with the important aspects of the study of astrophysics.</p> <p>Giacobini-zinner Comet - A Flash News (Gujarati) 00:4:15:00 1985 GUC-16 Producer : Himanshu Trivedi</p>
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<p>This flash program was to make people aware of the man-made probe 'International Cometary Explorer' which passed through the tail of Giacobini Zinner on September 11, 1985 to study the comet's tail.</p> <p>Welcome Mr. Halley Findings of Experiments-1 00:15:15:00 1986 GUB-77 Producer : Himanshu Trivedi</p> <p>Welcome Mr. Halley (Findings of Experiment -2) 00:22:00:00 1986 GUB-82 Producer : Rajesh Jhaveri</p> <p>The above programs deals with the experiment carried out by the Scientists of Physical Research Laboratory, Ahmedabad. Through the Radio Telescope they recorded the Radio Signals coming from a quasar through Comet Halley's Plasma.</p> <p>A Talk on Infrared Astronomy 00:15:20:00 1986 GUB-77 Producer : Himanshu Trivedi</p> <p>This program is an interview with Prof. George Rieke of the University of Arizona on the importance and study of infrared astronomy.</p> <p>Comet Austin 00:20:32:00 1990 GUB-346 Producer: Himanshu Trivedi</p> <p>There was a visitor to inner solar system which created a lot of expectations with 1st appearance – Comet Austin. Prof. J.N. Desai of PRL analyses the situation with reference to earlier events of different comets.</p> <p>Sitaronke Naqushe Qadam Chhoote Hue 00:15:24:00 1994 GUB-1063 Producer: Himanshu Trivedi</p> <p>This program shows the working of the observatory established on Guru Shikhar, Mt. Abu. It includes the common man's myths and confusions regarding astronomy. Although it targets a select audience, the layman can also find it interesting.</p> <p>Dekho Soorajko Gaurse 00:16:44:00 1994 GUB-1064 Producer: Himanshu Trivedi</p> <p>This is a program on the solar observatory based in the Fatehsagar region of Udaipur. The highlight of this program is the fact that as it is a</p>

live telecast, it captures the changes taking place on the sun, directly using the camera made at SAC / ISRO which is attached to the telescope.

Comet Hale Bopp: Part-1

00:20:30:00 1996 B-6/13

Producer: Himanshu Trivedi

Comet Hale Bopp: Part-2

00:24:00:00 1996 B-6/13

Producer: Himanshu Trivedi

Part 1 & 2: After a gap of about twenty years two periodic comets have come to inner solar system. These two programmes deal with the information about the Comet Hyakutake and Comet Hale-Bopp.

Comet Hale Bopp

Part-3

00:14:02:05 1997 B-6/36

Producer: Himanshu Trivedi

This program deals with the photometric experiment conducted on Comet Hale-Bopp. So obviously it is shot while the comet was in the sky. It explains the above content with the help of various visuals, animations, expert's explanation, etc. At the end it refers the curiosity of viewers, if, they want to know about comet, they can write to us.

Comet Hale Bopp

Part-4

00:15:57:05 1997 B-6/36

Producer: Himanshu Trivedi

In this programme an experiment that was conducted on Comet Hale-Bopp is explained. The program also explains the formation of tails, the way the scientists tackle the problem and collect the information on the plasma tails. The program also has a live shot of Comet Hale-Bopp when it was in western sky in the month of May.

Comet Charisma

1995-1997

Part-5

00:13:19:00 1998 B-3/111

Producer: Himanshu Trivedi

The series of 6 parts explains the use of Charged Couple Device Camera, its function, to study the cometary nucleus and the tails. There is a comparison between CCD and optical camera. The program ends with the interpretation of the data.

Comet Charisma

1995-1997

Part-6

00:13:10:00 1998 B-6/56

Producer: Himanshu Trivedi

It deals with the experiment conducted by PRL on Comet Hale-Bopp and also refers to Comet Hyakutake.

AYURVEDA

Silent Sentinels (Ayurveda)

00:18:24:00 1987 GUB-115

Producer: Malti Mehta

History of Ayurveda, the traditional methods of medicine in India with reference of Rigveda and Atharvaveda is talked identifying different medicinal plants with the help of tribals is stressed.

Herbal Wealth of Gujarat (Ayurveda)

00:24:20:00 1987 GUB-115

Producer: Malti Mehta

Gujarat is rich in herbal wealth. This program tries to highlight this wealth by describing sixty-six important medicinal plants. It also emphasizes the importance of their cultivation and efforts made by different organizations in Gujarat.

Medicinal Plants – From Forest to Pharmacy

00:17:01:00 1987 GUB-189

Producer: Malti Mehta

Medicinal plants have a fascinating legend. Medicinal plants have moved from forest to farms, from farms to pharmacy. A panorama from forest to pharmacy is a voyage of adventure, discovery and progress.

Kshar Sutra – A New Treatment For Fistula-in-Ano

00:24:04:00 1987 GUB-189

Producer: Malti Mehta

The program covers the historical aspects of the disease Fistula-in-Ano. The program covers the overall benefits to the so far known methods of treatment, both from the patients socio-economic condition to the problems faced while tackling the disease.

Sushruta & Surgery (Ayurveda)	1988	GUB-138
00:25:40:00 Producer: Malti Mehta		
Herbal Wealth (Gujarati)	1988	GUB-150
00:24:38:00 Producer: Malti Mehta		
Panchakarma Part-1 'Purvakarma'	1988	GUB-212
00:26:40:00 Producer: Malti Mehta		
In this first part of the program on Panchakarma, two measures i.e. Snehana and Svedana are described as Purvakarma.		
Panchakarma Part-2 'Pradhankarma'	1988	GUB-212
00:20:17:00 Producer: Malti Mehta		
In this program, all the five therapeutics along with their indications are demonstrated.		
Rasashastra Part-1 (Ayurveda)	1990	GUB-345
00:15:42:00 Producer: Malti Mehta		
In this program the evolution of Universe, its ultimate objective to achieve 'Jeevan Mukti' with the help of Rasa i.e. Mercury and the relation of mercurial preparations with mythology are talked and shown about.		
Rasashastra Part-2 (Ayurveda)	1990	GUB-345
00:15:56:00 Producer: Malti Mehta		
In this program, all eight Samskaras – Svedan, Mardan Murcehan, Patan, Dipan, Niyaman and Utthapana are demonstrated in detail.		
Rasashastra Part-3 (Ayurveda)	1990	GUB-345
00:21:31:00 Producer: Malti Mehta		
In this program, Gandhak Shodhan, Tamra Shodhan, Tamra Marana, Amritikarana of Tmra and the preparation of Loha-Asava and Arogyavardhini are demonstrated along with their applications in different diseases.		
The way to Healthy Life	1991	GUB-219
00:15:37:00		

Producer: Malti Mehta		
The program discusses the concept of healthy life and highlights simple practices based on daily routines and seasonal routines, in order to achieve it. It also examines the effects of cosmic changes on bodily functions and the importance of yoga for both physical and mental health.		
CIVICS		
Urbanization	1988	GUB-89
00:14:18:00 Producer: Ashok Mewada		
The program aims to depict the causes, problems and solutions of urbanization. The solutions are just hinted at where as the problems and causes are highlighted.		
In Search of a Humane habitat	1990	GUB-326
00:14:24:00 Producer: Ashok Mewada		
The program 'In search of a Humane Habitat' deals with the design issues in urban housing. The program gives idea about the traditional architecture of Indian cities and discusses various aspects of traditional architecture.		
Urban Local Bodies Part-1 History & Administrative Structure	1995	GUB-643
00:16:42:00 Producer: Malti Mehta		
This series deals with different aspects of urban management and in this part, the history of municipalities and Municipal Corporations, their growth and administrative structure are dealt with.		
Urban Local Bodies Part-2 'Functions'	1995	GUB-643
00:14:29:00 Producer: Malti Mehta		
With growing industrialization and urban population growth, demand for efficient management is created. This part of the series deals with the functions – obligatory and non-obligatory of the Urban Local Bodies.		
Urban Local Bodies Part-3: 'Finance'	1995	GUB-643
00:17:27:00 Producer: Malti Mehta		

Finance is the key issue in the management of urban affairs in India. This part deals with different kinds of financial resources and expenditure patterns, budget and potential fresh fields to mobilize various sources of income

Urban Local Bodies

Part-4: 'Role of Citizens'

00:19:15:00 1995 GUB-906

Producer: Malti Mehta

Civic patriotism or feeling of 'My City' is a part of good and creative citizenship. This part of the series deals with the present and expected role of citizens in efficient urban management.

**Ghumali –
Reminiscence of
Glorious Past**

00:24:32:00 1998 B/3/70

Producer: Malti Mehta

Ghumali, situated in Jamnagar district in Gujarat, is an architectural treasure. The Navlatha temple, Jeta Vav, Bhruvu Kund, Son Kansari temple, Ram Pole gate, Chheleshwar temple, Vikia Vav are some of the archeological sites of seventh, eighth and twelfth centuries.

**Metamorphosis of
Urban Square:
Manekchowk,
Ahmedabad**

00:12:12:00 2000 B-3/216

Producer: Ashok Mewada

This program talks about the Manekchowk in Ahmedabad. It is an Open Urban Square, which is utilized differently at different intervals of time. Manekchowk have sustained life for centuries and it's a successful traditional urban node thriving with different activities at different time.

COMPUTERS

**Introduction to
Computers Part-1**

00:21:19:00 1984 GUB-1

Producer: Nitin Bhavsar (SAC/EMRC)

**Introduction to
Computers Part-2**

00:22:55:00 1984 GUB-1

Producer: Nitin Bhavsar (SAC/EMRC)

Computer Applications

00:13:20:00 1984 GUB-4

Producers: Malti Mehta & Ashok Mewada

**Introduction to
Computers Part-3**

00:23:08:00 1984 GUB-2

Producers: Malti Mehta & Ashok Mewada

**Introduction to
Computers Part-4**

00:17:50:00 1985 GUB-108

Producers: Dhiren Avashia & Malti Mehta

**Introduction to Computers -
'BASIC' - Part 5**

00:21:05:00 1985 GUB-22

Producer : Malti Mehta

Computer Quiz (Part-1)

00:22:30:00 1985 GUC-9

Producer : Ashok Mewada

This program is an introduction to computers in the form of a quiz.

**Introduction to
Microcomputer**

00:18:52:00 1986 GUB-34

Producer : Ashok Mewada

When microcomputers becoming home appliance and finding its place in an office automation it is necessary to know how microcomputer differs from other large computers.

**Computer Devices
(Indo-British ETV Workshop)**

00:07:27:00 1986 GUA-156

The program incorporates the three major devices for a computer. The Input, Storage and Output devices. The importance of each device is explained with suitable problems and the different advantages of the same is also explained.

**Computer Memory
Part-1**

00:38:00:00 1986 GUB-121

Producer: Ashok Mewada

This program touched upon all the critical and important component of all digital computers that of primary storage sub systems.

**Computer Memory
Part-2**

(Sequential Access Storage)

00:28:31:00 1988 GUB-234

Producer : Ashok Mewada

This part imparts information about sequential access storage devices.

Computer Memory Part-3 (Direct Access Storage)
00:27:15:00 1988 GUB-234
Producer : Ashok Mewada

Computer in Office Automation
00:13:51:00 1989 GUB-238
Producer : Ashok Mewada

Use of Computers in Education Part-1
00:20:47:00 1992 GUB-543
Producer: Ashok Mewada

This program is in the form of panel discussion where members focus on the use of computers in institutions of higher education and research.

Use of Computers in Education Part-2
00:25:33:00 1992 GUB-543
Producer: Ashok Mewada

In this program, panel members discuss about the use of computers in different fields like library, computer simulation, use of computers for distance learning.

TELEVISION

Basic Camera Controls
00:04:42:00 1988 GUB-120
Producer: Kaushik Brambhhatt

This quickie is about the basic controls and handling of a 35 mm still camera. It gives information about shutter speed, aperture, focus, camera loading, etc.

Camera Aperture
00:04:17:00 1988 GUB-232
Producer: Kaushik Brahmhbhatt

It gives information about camera aperture in detail, how it works and its best use.

Camera Shutter Speed
00:03:39:00 1988 GUB-232
Producer: Kaushik Brahmhbhatt

It gives information about shutter speed in detail, how it works and its use.

Combination
00:02:20:00 1988 GUB-206
Producer: Kaushik Brahmhbhatt

This is about the combination of both the important controls – how different combination gives different result.

Polarization of light
00:20:18:00 1989 GUB-315
Producers: Ashok Mewada/Malati Srinivas (NID)

The program ‘Polarization of Light’ deals with a phenomenon of light, that is not directly visible to man. This is because it happens at the level of the internal.

Frozen Moments: A talk with a Lens eye Personality
00:20:30:00 1991 GUB-414
Producer: Ravji Sondarva

This is a program about Henry Wilson a photographer from England who has worked extensively on religion, art and architecture in India and South East Asia.

Black & White Photography: Developing and Printing Part-I
00:13:38:00 1995 GUB-362
Producer: Ila Joshi

The programme demonstrates and explains the processes of Black and White film developing and printing. The program can be said to be made of three components – Introduction, Developing process and printing process. The program also gives information about the methods to correct the underexposed and overexposed negatives while developing and printing.

Colour Photography: Developing & Printing Part-II
00:13:38:00 1995 B/6/9
Producer: Ila Joshi

It explains the various adjustments of an SLR camera and how desired colour tones and shades can be achieved by using different types of filters. It shows the automatic developing machine for the development of the film.

Photography			
00:02:18:00	1995	GUB-451	
Producer: CDC Trainees			
DEVELOPMENT			
Management & Development			
00:29:19:00	1984	GUB-2	
Producer : Bharat Dave (SAC/EMRC)			
What Does Under-development Mean?			
00:15:55:00	1984	GUB-2	
Producer: Bharat Dave (SAC/EMRC)			
Indian Development - Historical Perspective			
00:17:20:00	1984	GUB-4	
Producer : Rajesh Jhaveri			
Population Growth in India: Historical Perspective			
00:17:21:00	1985	GUB-4	
Producer : Rajesh Jhaveri			
Agricultural Growth in India - Historical Perspective			
00:19:33:00	1985	GUB-27	
Producer : Rajesh Jhaveri			
This program deals with the cropping issue of agriculture in India. It discusses contribution of agriculture to GNP, how it affects factors like employment, earning of foreign exchange, etc.			
Industrial Development in India			
00:20:42:00	1985	GUB-31	
Producer :Rajesh Jhaveri			
Health - Development Perspective			
00:23:46:00	1985	GUB-31	
Producer : Rajesh Jhaveri			
Leading the Light (Sewa Rural)			
00:23:05:00	1988	GUB-236	
Producer: Malti Mehta			
“Leading the Light” is a documentary illustrating the inspiring activities going on at SEWA-RURAL, Jhagadia. The devoted at SEWA-RURAL work mainly in the areas of immunization, technical training, social forestry, child development.			
The Making of Rajsamadhiyala Village (Hindi)			

00:32:00:00	2008	B/AHM/3/747	
Producer : Hemant Upadhyaya			
This document is about how Rajsamadhiyala was transformed from a poor village with acute water scarcity to a village where farmers can grow their crops in a year.....			
ECONOMICS			
Economic Growth in India: Post Independence Perspective			
00:17:20:00	1987	GUB-120	
Producer: Rajesh Jhaveri			
The achievements of public sector and private sector are explained in this program. Mainly this program covers four components of industrial sector: Mining & Quarrying, Manufacturing, Construction, Electricity, Gas & Water supply and their contribution to GNP.			
Growth of Population In India – Post Independence Perspective			
00:19:10:00	1987	GUB-190	
Producer: Rajesh Jhaveri			
Issue of pricing of Agricultural Products			
00:19:33:00	1988	GUB-152	
Producer: Rajesh Jhaveri			
This program is related to the stability of farm income agricultural and general economic development.			
Issue of pricing of Agricultural Products – II			
00:29:09:00	1988	GUB-210	
Producer: Rajesh Jhaveri			
Issue of pricing of Agricultural Products – III			
00:23:05:00	1988	GUB-153	
Producer: Rajesh Jhaveri			
Consumer Protection Part –I An Introduction			
00:24:25:00	1989	GUB-286	
Producer: Ashok Mewada			

<p>The programme is an introductory part of consumer protection. In the beginning it gives brief idea about the historical perspective of consumer movement.</p>		
<p>Consumer Protection Part –II Right to Safety</p>		
00:25:35:00	1989	GUB-286
<p>Producer: Ashok Mewada</p>		
<p>The program concentrates on the consumer's right to safety – which is the most important of all consumer rights. Focus is also on how a consumer can take actions against unsafe goods and services through media and consumer groups.</p>		
<p>Consumer Protection Part –III Right to information</p>		
00:19:25:00	1989	GUB-414
<p>Producer: Ashok Mewada</p>		
<p>The program concentrates on consumer's Right to information. An example of textile is explained in detail to explain about the tyranny of printed words. Moreover the facility of research laboratories and their role to exercise consumer's right to information is pointed out in the program.</p>		
<p>Consumer Protection Part –IV Right to Choose</p>		
00:19:26:00	1989	GUA-384
<p>Producer: Ashok Mewada</p>		
<p>The right to choose can be exercised through number of factors such as price factor, quality of the product, available brands and requirements of a consumer.</p>		
<p>Consumer Protection Part –V Right to Redressal</p>		
00:22:23:00	1990	GUB-315
<p>Producer: Ashok Mewada</p>		
<p>A few examples are discussed in the program to illustrate the effectiveness of the non-legal remedies. The set up of the district, the state and the national forums and commissions are very important roles of legal remedies.</p>		
<p>The Historic Importance of May Day</p>		
00:20:13:00	1991	GUB-278
<p>Producer: Vismay Shah</p>		
<p>Economic Thoughts of Karl Marx – Part-I</p>		
00:21:30:00	1994	GUB-575

<p>Producer: Vismay Shah</p>		
<p>This series deals with the fundamental Economic Thoughts of Karl Marx. We have discussed the process of exchange of money and commodity in capitalist system.</p>		
<p>Economic Thoughts of Karl Marx – Part-II</p>		
00:23:20:00	1994	GUB-577
<p>Producer: Vismay Shah</p>		
<p>The Marxian theory of wages, relation between rate of profit and rate of exploitation are discussed in this program.</p>		
<p>Economic Thoughts of Karl Marx – Part-III</p>		
00:21:07:00	1994	GUB-582
<p>Producer: Vismay Shah</p>		
<p>Part III discusses the views of Marx and the Utopian socialists.</p>		
<p>Economic Thoughts of Karl Marx – Part-IV</p>		
00:22:20:00	1994	GUB-414
<p>Producer: Vismay Shah</p>		
<p>Art – IV deals with the crisis in Capitalism. Marx shows that the capitalist crisis can be solved only in the new socialist society.</p>		
<p>Economic Thoughts of Karl Marx – Part-V</p>		
00:23:51:00	1994	GUB-414
<p>Producer: Vismay Shah</p>		
<p>In this program Karl Marx's vision of new socialist society is briefly discussed.</p>		
<p>Economic Thoughts of Karl Marx – Part-VI</p>		
00:23:24:00	1994	GUB-609
<p>Producer: Vismay Shah</p>		
<p>It is showing the achievement of earlier socialist countries and problems of modern techno-managerial world capitalist system.</p>		
<p>EDUCATION</p>		
<p>Education Development in India - Historical Perspective</p>		
00:25:00:00	1985	GUB-34
<p>Producer : Rajesh Jhaveri</p>		

Pravesh Pasandagi Engineering or Medical (Gujarati)	1985	GUC-30
00:24:50:00 Producer : EMRC		
Edu. Development in India : Post Independence Perspective	1987	GUB-129
00:23:10:00 Producer : Rajesh Jhaveri		
This program deals with the trend of educational system in India after independence and till the new education policy. It also brings out points affecting the growth of educational set up in the country and recommendations of various commissions to eliminate those problems.		
Art & Craft in the Early years	1988	GUB-196
00:14:20:00 Producer: Malti Mehta		
In the early period of his growth a child imitates his personal experiences and the natural objects in doing art and craft. The sense of colour, shape, size, figure, etc. develops through these activities.		
Playing with Sand And Water	1988	GUB-219
00:14:12:00 Producer: Malti Mehta		
The program focuses on a child's learning process like, mathematical concepts or lingual expressions, etc. in natural environment.		
Music and Rhythm	1988	GUB-244
00:18:34:00 Producer: Malti Mehta		
Learning through music and rhythm does not stop at any stage. Music and rhythm activities help the children to socialize.		
Learning through Games	1988	GUB-281
00:14:25:00 Producer: Malti Mehta		
Child Welfare	1988	GUB-244
00:15:45:00 Producer: Malti Mehta		

The program focuses on the status of the Indian children and shows the various conditions and services available to them. Children are our major valuable resource and they need the best the country has to offer.		
Visual Profile of Countrywide Classroom Programmes	1989	GUA-582
00:18:11:00 Producer : Dr. Ila Joshi		
Research project was combined with visuals from the field.		
A Manipur University Profile	1990	GUB-300
00:19:50:00 Producer: Ashok Mewada		
This is an interview with Ex. Vice-Chancellor of Manipur University Prof. K.J. Mahale. He discusses some problems of building of a university in the north eastern part of India and gives information about the different courses and various facilities available in various departments of Manipur University.		
Consumer Education & Research Centre	1990	GUB-326
00:16:00:00 Producer: Ashok Mewada		
The program gives an idea about the centre, its style of working, the way it handles various complaints of the consumer, ranging from the toothpaste to L.I.C. claims. CERC's contribution to educate masses about their rights through exhibitions, seminars and media is unique.		
A Talk with Malav Shah (Studying Abroad)	1990	GUB-392
00:24:16:00 Producer: Himanshu Trivedi		
This program is an interview of a young scientist / teacher who is working in U.S.A., talks about his work in his graduate degree and also about the educational set-up.		
Home Science series-6 University goes to Villages part-1 The beginning	1992	GUB-473
00:16:34:00 Producer: Malti Mehta		

<p>In 1976, the SNDT University, Bombay started the Udwada Rural Development Project in Pardi Taluka of Gujarat. The first part of this series talks about the aims, objectives and the philosophy behind this project.</p>		
<p>Home Science series-7 University goes to Villages part-2 A decade and Ahead</p>		
00:20:21:00	1992	GUB-473
<p>Producer: Malti Mehta</p>		
<p>In the second part of this series, we meet the beneficiaries of this project and examine how far this project has helped them.</p>		
<p>Evaluation System In Higher Education (Hindi)</p>		
00:27:15:00	1994	GUD-538
<p>Producer: Ila Joshi</p>		
<p>This program is discussion based. To introduce the aspects of higher education a montage is made. The montage in a quick succession shows five different components.</p>		
<p>Aspects of Higher Education: Elections</p>		
00:25:31:00	1994	GUB-639
<p>Producer: Ila Joshi</p>		
<p>The programme is discussion based. To introduce the aspects of higher education a montage is made. The group represent the different faculties like arts, science, commerce, management, medical, etc.</p>		
<p>ETV in Japan</p>		
00:16:18:00	1994	GUA-548
<p>Producer: Rajesh Jhaveri</p>		
<p>In an interview programme Prof. Shozo Usami explains the beginning of education through television in Japan, its process, development and the future trends.</p>		
<p>Aspects of Higher Education: Admission (Hindi)</p>		
00:25:42:00	1996	GUB-659
<p>Producer: Ila Joshi</p>		
<p>The programme is discussion based. It deals with the aspect of admission in colleges and universities.</p>		

<p>Higher Education:</p>		
<p>Teaching</p>		
00:24:54:00	1997	B/3/63
<p>Producer: Ila Joshi</p>		
<p>The programme is discussion based. It deals with teaching methods in higher education.</p>		
<p>Education at your Doorsteps</p>		
00:25:28:00	2001	B/3/283
<p>Producer: Ashok Mewada</p>		
<p>In Indian society, women faces many barriers in general and hence they cannot continue and join higher education. In this program, seven case studies are documented.</p>		
<p>Life is beautiful</p>		
00:30:00:00	2005	B/AHM/3/535
<p>Producer : Ashok Mewada</p>		
<p>Mr. Ranchhod Soni is one of the few visually impaired who can teach computers. He shares his ideas about the field of education, technology and literature especially for the visually challenged.</p>		
<p>Beyond the Blackboard</p>		
00:15:22:05	2006	B/AHM/3/618
<p>Producer : Malti Mehta</p>		
<p>Programme depicts a relentless creative pursuit of crafting an array of promising academic material by a school teacher namely Ratilal Mandali.</p>		
<p>Stay Connected, Get Disconnected (Quickie)</p>		
	2006	B/AHM/3/618
<p>Producer : Malti Mehta</p>		
<p>Can we have a playground? (Quickie)</p>		
	2006	B/AHM/3/618
<p>Producer : Malti Mehta</p>		
<p>Kimono (Quickie)</p>		
	2006	B/AHM/3/618
<p>Producer : Malti Mehta</p>		
<p>Lecture : Joyful Learning Part-1 Towards Holistic Learning</p>		
00:12:09:00	2006	B/AHM/6/222
<p>Producer : Ashok Mewada</p>		

The lecture deals with a look at the current educational system with its high drop out rate. It examines the model of prisons and army systems on which it is based historically as expounded by Michel Foucault.

The new challenges that we face in the 21st century with the advent of information technology necessitate a systemic change towards a model of holistic learning that is experiential and linked to real-life situations.

Lecture : Joyful Learning Part-2

Classroom Space as a resource

00:11:54:00 2006 B/AHM/6/
222

Producer : Ashok Mewada

The classroom is an important space and resource. The classroom walls can be painted bright and used to display children's work that make connections with their own learning. The linear and fixed seating arrangement leads to static education with a hierarchical system of front-benchers and back-benchers. The lecture seems to discover ways to create new ways of seating and group formation that foster healthy interaction and lead to a sharing of space.

Lecture : Joyful Learning Part-3

Learner-Centric Education

00:13:38:00 2006 B/AHM/6/
222

Producer : Ashok Mewada

The lecture deals with making a shift from teacher – centric education to learner-centric learning. Thus, it emphasizes the need to foster inquiry-based learning wherein the learners are active agents in the construction of their knowledge. It also speaks of the need to follow the pace of the learner, introduce differential learning with a variety of teaching styles and thereby encourage learners to be active.

Lecture : Joyful Learning Part-4

Learner Profile

00:13:16:00 2007 B/AHM/3/
682

Producer : Ashok Mewada

Different learner profiles are discussed in this lecture. Children have different modes of learning, some are more visual, some are auditory, some are kinesthetic, some are logical. Recent theories speak about multiple intelligence. Teachers must bring different modes of learning, modes that caters the needs of children in the classroom.

A Profile of Gujarat University

Widening Horizons

00:23:33:00 2007 B/AHM/3/
687

Producer: Malti Mehta & Ashok Mewada

Gujarat University has completed 55 years and has recently introduced various new courses to meet the emerging needs of human resource in the country. This is a brief profile of the largest and oldest university of Gujarat.

Lecture : Joyful Learning Part-5

Verbal & Non-verbal

Communication of Teacher

00:15:12:00 2007 B/3/696

Producer : Ashok Mewada

This lecture deals with verbal and non-verbal communication in classroom. The body language of teacher does communicate. One has to consider the aspects of behaviorism and kind of language while teaching.

The lecture also deals with rising intonations, remarks, using high pitched voice of teacher etc.

Lecture : Joyful Learning Part-6

Making links with real life

00:11:02:00 2007 B/3/696

Producer : Ashok Mewada

This lecture deals with the activities of learners in real life. One should make use of school environment, surroundings, campus, school building etc. during teaching. This leads to learning more enjoyable and real. The real learning is outside the classroom, so let's link the learning with available resources in our surroundings, our festivals etc.

ELECTRONICS

Transformers

00:21:10:00 1983 GUB-20

Producer: V.O. Joseph
(SAC/UGC/EMRC WORKSHOP)

Domestic Refrigerator

00:18:00:00 1985 GUB-14

Producers: Dhiren Avashia & Malti Mehta

Diodes and its Characteristics

00:13:28:00 1985 GUB-7

Producer: Himanshu

Logic Circuits (Digital Electronics-Series)		
00:15:40:00	1985	GUB-45
Producer: Malti Mehta		
Signals Part-1		
00:25:00:00	1985	GUB-40
Producer: Malti Mehta		
Signals Part-2		
00:21:20:00	1985	GUB-39
Producer: Malti Mehta		
Levers (DECU/EMRC- Somaiya College Workshop Prog.)		
00:09:15:00	1986	GUC-30
Producer: Himanshu Trivedi		
This program shows the different kinds of levers and the advantages of using them.		
Rectifiers		
00:15:23:00	1986	GUB-37
Producer: Himanshu Trivedi		
This program deals with transformers and their uses, types of rectifiers, calculation of rectified voltage, bridge rectifier and voltage doubler.		
Karnaugh Maps (Prog. No.5 in Digital Electronics Series)		
00:19:09:00	1986	GUB-23
Producer: Malti Mehta		
This program introduces the construction of Karnaugh Maps which facilitate the process of logical reduction. We start by quickly summarizing the 4 steps required for logical design. The mechanics of Karnaugh Map construction is explained by formulation of the problem for B-C-D to 7-segment decoder.		
Introduction to Air conditioning		
00:18:30:00	1986	GUB-69
Producer: Malti Mehta		
The program introduces various terms used in air conditioning. This program covers only Unitary a/c system. Central air conditioning systems and applications of refrigeration will be discussed in next programs.		

Karnaugh Maps (Prog. No.6 in Digital Electronics Series)		
00:20:35:00	1986	GUB-89
Producer: Malti Mehta		
In this program, the reduction of the expression using the Karnaugh maps is studied. The application of the multiplexer itself is brought out giving the example of the electronic loom monitor developed at PRL, Ahmedabad.		
Power Supplies		
00:14:50:00	1986	GUB-37
Producer: Himanshu		
This is a program on Power Supplies – Regulated and unregulated. In this program we have started with electricity. Generally we get AC voltage from domestic points.		
Sequential Circuits (Prog. No.7 in Digital Electronics Series)		
00:20:47:00	1986	GUB-69
Producer: Malti Mehta		
This program explains what to do when the data comes in sequence, stresses the important element in sequential circuits i.e. memory.		
Shift Registers (Prog. No.8 in Digital Electronics Series)		
00:20:32:00	1986	GUB-89
Producer: Malti Mehta		
Basic concepts and applications are brought out in the program. The application involving serial to parallel conversion and parallel to serial conversion is covered.		
Memories		
00:25:54:00	1987	GUB-174
Producer: Malti Mehta		
Applications of ROM & RAM in industry and computers are shown. Classification of memories is discussed and EPROM programmes are demonstrated.		
Pulse Circuits – I		
00:19:10:00	1987	GUB-168
Producer: Malti Mehta		
The first program in this series on pulse circuits lists the 4 categories in which the Pulse Ckts could be divided and the concentration is on the low-pass circuit and its use as an integrator.		

Pulse Circuits-II			
00:18:20:00	1987	GUB-168	
Producer: Malti Mehta			
The action of high-pass Ckt to step, exponential and ramp inputs is studied in this program.			
Pulse Circuits Part-3			
00:19:50:00	1987	GUB-168	
Producer: Malti Mehta			
This program deals with the non-linear devices used for wave-shaping purposes.			
Counters (Prog. 9 In Digital Eec. Series)			
00:18:43:00	1987	GUB-174	
Producer: Malti Mehta			
The working of a binary counter is demonstrated. Other general purpose applications such as frequency and time measurement are also demonstrated.			
Electron Microscope: An Introduction			
00:09:53:00	1987	GUB-156	
Producer: Rajesh Jhaveri			
Biological Application of Electron Microscope			
00:25:14:00	1987	GUB-156	
Producer: Rajesh Jhaveri			
Electrical Circuits Part-1			
00:11:13:00	1989	GUB-255	
Producer: Neha Shah			
It explains the construction of a circuit, how it is completed, what is a resistor, what is its function.			
Electrical Circuits Part-4			
00:16:28:00	1990	GUB-314	
Producer: Neha Shah			
The program explains important points on current i.e. its sinusoidal nature, that current leads voltage by 90°. It also explains the current voltage relationship with the help of phasor diagram.			
Electrical Circuits Part-5			
	1990		
Producer: Malti Mehta			

This program introduces inductor. Its basic construction is covered. The transients occurring in the inductor circuits are explained and the example of tube light started circuit is taught.			
Electrical Circuits Part-6			
00:13:32:00	1991	GUB-314	
Producer: Malti Mehta			
Part-6 concentrates on the steady state performance of inductors when excited by a sinusoidal source. The program is in participatory format.			
Electrical Circuits Part-7			
00:16:52:00	1991	GUB-330	
Producer: Malti Mehta			
This program outlines the principle and construction of coupled circuits. The methods for finding out the dot polarity are discussed.			
Electrical Circuits Part-8			
00:15:12:00	1991	GUB-472	
Producer: Malti Mehta			
The final part of the series on 'Electrical Circuits', the applications of the electrical circuits namely the Q-meter, the car engine and the radio receiver are explained.			
Single Tuned Amplifier			
00:10:34:00	1991	GUA-648	
Producers: Tarun Shah/Janak Shah/Vijay Desai, DDIT, Deval Bhatt - SNDT			
This program shows us how to obtain the frequency response of a tuned amplifier through an experiment using the circuit board.			
The History of Electronics Part-1			
00:14:39:00	1991	GUB-399	
Producer: Himanshu Trivedi			
In this short history, right from Edison's bulb to micro miniature electronics, is dealt with. The presentation of subject is through two students of electronics.			
What is Transistor (Ele. Part-II)			
00:15:57:00	1991	GUB-399	
Producer: Himanshu Trivedi			

This program deals with symbol, different transistors, their code, the functioning of a transistor, etc.

Transistor Characteristics

(Ele. Part-3)

00:14:31:00 1991 GUB-399

Producer: Himanshu Trivedi

To know about any element in electronics it is essential to plot characteristic curves and interpret them. In case of transistor (PNP or NPN) three different configurations are possible. The program explains how these are drawn and that is the circuit of it.

Equivalent circuit

For Transistor

(Ele. Part-4)

00:15:50:00 1991 GUB-491

Producer: Himanshu Trivedi

In this program, it is explained that after getting characteristics curve how do you get parameters.

Amplifier

(Ele. Part-5)

00:18:03:00 1991 GUB-491

Producer: Himanshu Trivedi

This program begins with information of processes possible with a transistor. Then specifically explain the process of Amplification. Circuit diagrams and circuits of CBCE & CC circuits are explained.

Use of Computers in

Education Part-1

00:20:47:00 1992 GUB-543

Producer: Ashok Mewada

This is a panel discussion exploring the ways in which computer can be used as a teaching aid.

Use of Computers in

Education Part-2

00:25:33:00 1992 GUB-543

Producer: Ashok Mewada

In this program, panel members discuss about the use of computers in different fields like library, computer simulation.

Control System-1

00:13:22:00 1992 GUB-406

Producer: Malti Mehta

This program talks about the open loop and closed loop control system. Control system can be either automatic or manual.

Data Structures

Part-4 'Tree'

00:19:18:00 1993 GUB-585

Producer: Malti Mehta

In this program the data structure called 'tree' is explored. The definition is given. One important traversal technique of the tree called inorder traversal is explained and one of its application is covered.

Digital Electronics :

Number System Prelude-I

00:20:10:00 2007 D/AHM/

168

Producer : Himanshu Trivedi

The subject of Digital Electronics is being taught at various levels of studies, from higher secondary to Master's Degree in various faculties.

Dr. P.D. Lele at Physics Department has designed and developed circuits for explaining various theories in the above subject of Digital Electronics. The text books in this have explanations of theories, so these experiments provides good insight in the theories. He has been awarded and invited to various institutes and universities to demonstrates his experiments. These makes the study of digital electronics easier. The series start with explanations of Number Systems, later same is used to explain Analog to Digital Conversion and back. Also, the use in various fields of work like Telecommunication, Railways etc. The subject is divided in 8 to 9 parts.

Digital Electronics :

Number System Prelude-II

00:22:40:12 2007 D/AHM/

168

Producer : Himanshu Trivedi

In this second programme of series, the similarities that were shown in the first programme are different, that is explained.

But other than decimal number system, other systems are explained viz, Binary, Octal Hexadecimal and to the base 7.

All in all, how number systems are developed is explained in this programme. All these are useful in the field of Digital Electronics.

Digital Electronics :

Number System : Part-3

00:20:06:00 2007 6/138

Producer : Himanshu Trivedi

The programme starts with recap of earlier programmes. Then explains to learn different number system with help of two experiments which are developed by Prof. P.D. Lele.

Digital Electronics :
ADC-2 Bit : Part-4
 00:23:36:00 2007 6/138
 Producer : Himanshu Trivedi

The programme explains the conversion of analog signal to digital signal with the help of special circuits designed by Prof. Lele. He is awarded for this circuit by NPTA.

Digital Electronics Part-5
Analog to Digital Converter 4-BIT
 00:13:31:00 2008 E/AHM/3/737
 Producer : Himanshu Trivedi

It explains the block and circuit diagram of 4-BIT ADC & DAC to students. It also prepares students for the circuit design and experiment of the same.

4-BIT ADC Experiment
Digital Electronics Part-6
 00:17:10:00 2008 E/AHM/3/636
 Producer : Himanshu Trivedi

The programmes starts with the account of earlier 5 parts. The operation and information of 16-gates-universal gates etc.

ENTREPRENEURSHIP & INDUSTRY

An interview with Prof. Tom Cannon (Tips for Aspiring Entrepreneur by Prof. Tom Cannon)
 00:20:03:00 1990 GUB-364
 Producer: Dhiren Avashia/Malti Mehta

Professor Tom Cannon, Director, Manchester Business School, in an interview, talks about small and medium entrepreneurship and industrialization of business. He elaborates on how aspiring entrepreneurs can carve a niche for themselves in the international as well as the home market.

Saga of Silk : Part-1
 00:20:36:00 1991 GUB-416
 Producer: Ashok Mewada

In this program information about history of silk, its secret smuggling from China to other nations, the industry growth and its present global status and how it plays an important role in India's and other nations' economy is explained.

Saga of Silk : Part-2
 00:16:10:00 1991 GUB-416
 Producer: Ashok Mewada

This part imparts the knowledge about the fascinating metamorphosis of the silkworm, rearing and harvesting of cocoons.

Saga of Silk : Part-3
Processing of Silk
 00:18:57:00 1991 GUB-416
 Producer: Ashok Mewada

How the silk is being twisted and woven on handlooms into beautiful silk fabrics is explained.

Saga of Silk
Part-4: Silk Haute Couture
 00:18:30:00 1991 GUB-419
 Producer: Ashok Mewada

This part includes how silk is positioned on the global textile market, the exotic and high priced creations of the famous world fashion designers.

Promoting Entrepreneurship – An interview
 00:24:27:00 1992 GUB-406
 Producer: Dhiren Avashia

Prof. Malcolm Harper of Cranfield School of Management, U.K. talks to Prof. K. Ramchandran of IIM, Ahmedabad about micro-enterprise, its recent recognition, entrepreneurship development projects in context of China and Africa along with policy and regulatory actions.

Entrepreneurship
Part-1 – Willing to Dare
 00:28:08:00 1996 B/6/30
 Producer: Malti Mehta

The focus of the program is to understand the role and significance of small enterprise in the Indian context using a case study of Softel. The programme also emphasized the possible phases such as start up, survival and growth in the life of an organization.

Entrepreneurship
Part-2 – Reaching Out
 00:24:11:00 1996 B/6/30
 Producer: Malti Mehta

This program discusses challenges of building up multi-functional skills, the significance of starting with marketing and then integrating into manufacturing. The case of Ajit Enterprise manufacturing soft toys was used to develop the discussion.

Entrepreneurship
Part-3 – Turning Around
 00:29:29:42 1996 B/6/31
 Producer: Malti Mehta

The theme of this part is industrial sickness and revival in the context of small enterprises. The influence of external and internal factors are discussed to prevent it.

Entrepreneurship
Part-4 – Rise above the Rest
 00:29:00:00 1996 B/6/31
 Producer: Malti Mehta

This discusses the growth phase of an organization and summarises the discussion of all the four parts. Recruitment and retention of good quality people for the growing needs of the organization are critical to sustained growth.

ENVIRONMENT SCIENCES

ENERGY

Solar Energy Appliances
 00:17:10:00 1985 GUB-21
 Producer: Himanshu Trivedi

This program gives details of various solar energy appliances which could be used in regions where solar radiation is available in abundance.

CAZRI – An Information On Institute
 00:21:35:00 1985 GUB-21
 Producer: Himanshu Trivedi

Thermal Power Plant-I
 00:23:20:00 1986 GUB-126

Producer: Malti Mehta

Part-1 deals with basic thermodynamic cycle and its modifications.

Thermal Power Plant-II
 00:21:55:00 1986 GUB-126
 Producer: Malti Mehta

This deals with other three circuits i.e. Air & Gas circuit, Feed Water & Steam Circuit and Cooling water circuit.

Thermal Power Plant Part-III (Turbines)
 00:19:23:00 1988 GUB-189
 Producer: Malti Mehta

In this part of the series, the working of the steam turbine is explained. The energy conversion in the nozzle and blade and classification based on it are explained. The functioning of the generator is also explained.

Bio Gas
 00:13:35:00 1988 GUB-77
 Producer: Imamuddin Shaikh

Electricity – Transmission & Distribution Part-1
 00:22:35:00 1993 GUB-581
 Producer: Malti Mehta

In India, the generation of electricity is normally done at 11 KV which is stepped up to 66 or 220 KV. In this program, extra high and high voltage transmission as well as sub-transmission and distribution systems are explained in details.

ENVIRONMENT

Fog Identification And Interpretation
 00:24:40:00 1985 GUB-60
 Producer: Himanshu Trivedi

How to identify fog and forecast it from sequences of satellite images, is shown with the help of a film.

Technology for Productive Desert
 00:17:00:00 1985 GUB-25
 Producer: Himanshu Trivedi

What is Desert?			
00:18:37:00	1985	GUB-32	
Producer: Himanshu Trivedi			
Revegetation of Desert			
00:20:00:00	1985	GUB-32	
Producer: Himanshu Trivedi			
Wasteland in India			
00:15:25:00	1985	GUC-18	
Producer: Himanshu Trivedi			
This program starts with a barren plateau of saline soil near the sea coast and shows on species that adapts to all type of soil from rocky terrain to saline soil and under adverse climatic condition.			
Global Vegetation Index – A Conversation With Dr. P. Krishna Rao			
00:09:05:00	1985	GUB-61	
Producer: Himanshu Trivedi			
A program about satellite application for the study of meteorology and global vegetation. A short film on changing global vegetation is shown.			
Climatic Variations, Drought & Desertification (Gujarati)			
00:16:58:00	1986	GUB-17	
Producer: Himanshu Trivedi			
Climatic Variations, Drought & Desertification (English)			
00:17:08:00	1986	GUC-30	
Producer: Himanshu Trivedi			
This program is made in reference to the World Meteorology Organisation Day celebrated on 23 March, 1986. This has relevance to the students in the light of present drought conditions prevailing in many parts of the country.			
Challenges of Environment (An interview with Mr. T.N. Seshan)			
00:32:30:30	1986	GUB-75	
Producer: EMRC			
Air Pollution, Sound			
00:06:25:00	1986	GUA-153	
Producer: Ashok Mewada/Malti Mehta			

This program deals with air pollution, causes creating air pollution, sound pollution, etc.			
Give Trees A Chance			
00:34:35:00	1986	GUB-71	
Producer: Rajesh Jhaveri			
A for Antarctica			
00:31:20:00	1987	GUB-158	
Producer: Himanshu Trivedi			
This is a program on voyage to Antarctica. There are many scientific activities being carried out by scientists from different disciplines.			
Arid Zone Ecology Phase-II Mouse but Not Mickey			
00:21:17:00	1987	GUB-149	
Producer: Himanshu Trivedi			
This program deals with information on rats, rodents and partly deals with control operations.			
Arid Zone Ecology Phase-II Plant Extraction			
00:16:44:00	1987	GUB-124	
Producer: Himanshu Trivedi			
In a vegetation scared area like desert how plants are used to produce different organic chemicals by extraction in laboratory is shown in the programme.			
Fruits from Dryland (Arid Zone Ecology-II)			
00:22:42:00	1987	GUB-149	
Producer: Himanshu Trivedi			
Explaining the conditions and prerequisites to be fulfilled by plants, we have concentrate on three fruits – ber, pomegranate and date palm, some practices in horticulture as preached by scientists of CAZRI.			
Rain making			
00:18:40:00	1987	GUB-185	
Producer: Vismay Shah			
In this program, Dr. Pisharoty, an eminent scientist discusses the rain making process, discusses the success ratio, cost factor, etc.			
The Chinkara			
00:15:22:00	1987	GUB-125	
Producer: Himanshu Trivedi			

This program projects the timid, beautiful animal called the Indian Gazel living in the hot Arid Zone of Rajasthan.

The Black Buck
00:16:53:00 1987 GUB-125
Producer: Himanshu Trivedi

This program is on the Black Bucks i.e. the Indian Antelopes and shows how they are protected by the Bisnoi Community in Rajasthan.

**A Talk with
Dr. D. Desaiiah
(Effect of Environmental
Pollutants on Brain
Functions)**
00:18:48:00 1988 GUB-206
Producer: Ashok Mewada

This program mainly deals with the deformities of brain taking place due to the environmental pollutants mainly industrial wastes and agricultural pesticides.

**Man & Environment
- What on Earth are
we doing to our land?**
00:17:29:00 1989 GUB-268
Producer: Savita Hegde

The fact that earth is the basis of human civilization and is very useful for its development. It deals with the different geographical classifications of land and the issue of wastelands and how they should be cultivated.

**Man & Environment-
What on Earth are
we doing to our environment?**
00:17:56:00 1989 GUB-268
Producer: Savita Hegde

It speaks of the constant interaction, direct as well as indirect between man, animals, birds, etc. The program urges towards a new awareness about environment and its related issues.

**What on Earth are
We doing to our
Water?**
00:20:13:00 1989 GUB-451
Producer: Savita Hegde

The program emphasizes the importance of water to the existence of life on earth – ranging from men to microorganisms. The rain or water cycle and its role is explained.

**What on earth are
We doing to our Forests?**
00:25:18:00 1989 GUB-285
Producer: Savita Hegde

This program highlights the extent of deforestation in India and the rest of the world because we have not been able to balance our use and the regeneration of forests. The program talks about social forestry measures taken by the government in Gujarat.

**A learning look at
WGBH**
00:46:26:00 1989 GUB-310
Producer: Himanshu Trivedi

**Neglected Nectar
(Nature education
Part-I)**
00:16:45:00 1990 GUB-397
Producers: Arti Parikh/Mita Bhatt

The program gives an idea about the major elements of the eco-system such as air, water.

**Back to nature
(Nature Education
Part-II)**
00:14:03:00 1991 GUB-397
Producers: Arti Parikh/Mita Bhatt

The program ‘Back to Nature’ lovers different aspects of camp-life in the lap of nature, which is very important for youngsters.

**Serene Supremacy:
Learning from
Nature Part-III**
00:17:43:00 1991 GUB-397
Producer: Arti Parikh/Mita Bhatt

The program ‘Serene Supremacy’ gives an idea about ecology of Little Rann of Kutch. Number of migratory birds have found the little Rann as an ideal place for their sojourn. This unique eco-system is also in great danger because of flourishing salt industry.

Warning for Warming
00:06:41:00 1991 GUA-648
Producer: Tarun Shah, DDIT

This program discusses the problem of global warming and states the various factors responsible for it.

Environment Friendly Detergent
 00:17:28:00 1991 GUB-419
 Producer: Ashok Mewada

The unorganized sector of detergent industry is large and responsible for producing low grade detergent causing many health hazards and environmental problems. This program is focusing its views on many aspects like environment, chemistry, health hazard viz. dermatology and consumer protection. Various interviews of experts are incorporated to enrich the program.

Tips on Saving Fuel
 00:04:35:00 1992 GUB-530
 Producers: Anuja Sharma/Jigna Shah/Kavita Kakkad, CDC

The program titled 'Tips on fuel saving' deals with possible steps that can be taken in order to avoid high fuel consumption in 2 wheelers. It mainly suggests taking appropriate maintenance steps so as to save petrol.

Paper: A precious Commodity
 00:05:54:00 1993 GUB-567
 Producer: Ashok Mewada

To save paper and to use it judiciously.

**Environment Education:
 In & across the
 Borders Part-I Introduction**
 00:19:45:00 1993 GUB-588
 Producer: Malti Mehta

Environmentalists from different international organizations are talking about how they are creating awareness. The methods that are being used in communication and how effective the communicators have been in disseminating these messages to the people.

**Environment Education:
 In & across the
 Borders Part-II
 (In Hong Kong,
 Philippines & Indonesia)**
 00:24:13:00 1993 GUB-588
 Producer: Malti Mehta

The negative effects of the modern technology on both sea and land life, how and what media they are using for the different age groups and to what effect, is being talked about.

**Environment Education:
 In & across the
 Borders Part-III
 (In Hong Kong,
 Singapore & China)**
 00:24:00:00 1993 GUB-589
 Producer: Malti Mehta

Environmental problems are the same in small countries like Singapore or Hong Kong or as massive as China. What are Chinese doing about their nature considering the large population they are having. The environmentalists from these countries had come to attend SASEANEE at Centre for Environment Education, Ahmedabad.

**Environment Education:
 In & across the
 Borders Part-IV
 (In India, Pakistan,
 Bhutan & Vietnam)**
 00:23:12:00 1993 GUB-589
 Producer: Malti Mehta

In India and Pakistan the Environmental studies are incorporated in other courses at higher levels. The need is for the specially trained environmentalists. Bhutan is also educating their children about environment through different means.

**Environment Education:
 In & across the
 Borders Part-V
 (In India, Sri Lanka
 & Malaysia)**
 00:29:32:00 1993 GUB-590
 Producer: Malti Mehta

Modern technology has its own negative aspects as faced by Malaysia. What different organizations in India like KSSP and St. Xaviers' Social Service are doing for the nature preservation.

**Environment Education:
 In & across the
 Borders Part-VI
 (In India, Ecuador &
 Nepal)**
 00:22:22:00 1993 GUB-590
 Producer: Malti Mehta

The environmentalists from different countries like Ecuador, India and Nepal attended SASEANEE at Centre for Environment Education, Ahmedabad and talked about their environment problems and the solutions, the

media they used like Radio, TV and the museums.

**Environmental Engg:
A solution to Pollution**

00:14:55:00 1993 GUA-968
Producer: Dhiren Avashia

This program is an introduction to Environmental engineering, its role and scope of the subject. Further, it talks about the three main types of pollutions – Air, Water and Land

Noise: Silent Killer

00:03:42:00 1993 GUA-903
Producer: Ashok Mewada

To create awareness about noise pollution which has invaded our day-to-day life. Definition of noise and its alarming rise to dangerous levels are given in this program. Examples of noise pollution at work, at home, on streets.

**Environment Quickie
(CDC)**

00:05:50:00 1994 GUA-1013
Producer: Rupa J. Parekh

**Water pollution
Control: Environmental
Engg. Part-IVA**

00:19:23:00 1994 GUB-525
Producer: Dhiren Avashia

This program deals with water pollution control equipment. Here we concentrate on conventional water treatment, the different treatment systems and the different treatment units involved in water treatment.

**Water pollution
Control: Environmental
Engg. Part-IVB**

00:15:35:00 1994 GUB-525
Producer: Dhiren Avashia

In this program we talk about waste water treatment, specially in municipal waste water. We dealt in this program specifically with primary treatment and the different treatment units of primary treatment.

**Secondary waste water
Treatment: Environmental
Engg. Part-V**

00:18:43:00 1994 GUB-524
Producer: Dhiren Avashia

Environment

00:02:30:00 1994 GUB-451
Producer: CDC Trainees

**Harnessing
Biodiversity**

00:14:40:00 1996 B/3/20
Producer: Ashok Mewada

This talk deals with our rich plant biodiversity. Out of 18 Global “Hot-spots” of biodiversity; 2 are in India, which possess 70% of the world’s species diversity. India lacks the biotechnological know how to maximally harness this biodiversity.

**Plastic Dost Ya Dushman
(Hindi)**

00:08:32:16 2005 B/AHM/3/58
Producer : Dr. Ila Joshi

The misuse of plastic has created environment and health problems. Therefore plastic should be used judiciously and disposed off properly.

Water Birds in their natural habitats :

Part-1 : Thol Wetland

00:23:21:22 2006 B/AHM/3/
674

Producer : Vismay Shah

Importance of Wetland and particularly of Thol Wetland and bird watching is covered in the programme. The programme also discusses some details of various waterfowls sighted at Thol lake like white-necked stork, coot, ruddy shelduck, egret, black winged stilt, river tern, spoon bill, cormorant, godwit etc.

Water Birds in their natural habitats :

Part-2 : The Sarus Crane

00:25:30:12 2007 B/AHM/3/
707

Producer : Vismay Shah

Sustainable Development :

An Overview

00:18:41:00 2008 B/AHM/3/
788

Producer : Ashok Mewada

It discusses the issues and challenges of Sustainable Development. It also gives a concept of Sustainable Development.

FORESTRY**Wastelands Deve.****(Social Forestry)**

00:15:30:00 1986 GUB-74

Producers: Dhiren Avashia & Malti Mehta

Integrated Approach**Toward Plant****Growth**

00:21:10:00 1986 GUB-74

Producers: Dhiren Avashia & Malti Mehta

High Density**Agroforestry**

00:24:00:00 1986 GUB-74

Producers: Dhiren Avashia & Malti Mehta

Vanya – Tryst with a**Green Future****(Narmada Project)**

00:21:45:00 1990 GUB-369

Producer: Dhiren Avashia/Malti Mehta

This is a program about catchments area treatment measures around Sardar Sarovar Dam in Gujarat. It talks about the plan to plant some 2,000 saplings per hectare.

Importance of**Fisheries**

00:20:00:00 1985 GUB-45

Producer: Dhiren Avashia

**Significance of
Ocean Survey in****Fisheries**

00:16:30:00 1985 GUB-49

Producer: Dhiren Avashia

Pearl Culture

00:18:20:00 1985 GUB-49

Producer: Dhiren Avashia

Sea Weeds

00:16:12:00 1985 GUB-39

Producer: Dhiren Avashia

Prawn Hatchery

00:21:00:00 1985 GUB-40

Producer: Dhiren Avashia

Cash from Trash

00:23:48:00 1985 GUB-39

Producer: Dhiren Avashia

FOLK ARTS**Glove Puppet making**

00:08:50:00 1988 GUB-120

Producer: Kaushik Brahmhatt

This quickie is about how to make glove puppet, just with the help of drawing, cutting, pasting and stitching.

Shadow Puppet making

00:05:12:00 1988 GUB-120

Producer: Kaushik Brahmhatt

This quickie is about how to make shadow puppet, just with the help of drawing, cutting, pasting and stitching.

Puppet making

00:05:20:00 1988 GUB-121

Producer: Kaushik Brahmhatt

Maru Se Sagar Tak

00:20:55:00 1989 GUB-243

Producer: Vismay Shah

**Tribal Art &
Architecture of
Manipur**

00:16:30:00 1990 GUB-300

Producer: Ashok Mewada

The program 'Tribal Art and Architecture of Manipur' covers the most ancient heritage of art and architecture of the zeliangroung tribe of Manipur.

**Bhavai, the folk
Drama of Gujarat**

00:27:20:00 1990 GUB-276

Producer: Vismay Shah

**Gujarat ka
Loknatya Bhavai
Part-1 (Hindi)**

00:24:01:17 1997 B/6/41

Producer: Vismay Shah

This is a five part serial in Hindi language. Different experts on 'Bhavai' are interviewed and actual Bhavai performances are demonstrated in the programme. The first part gives the information on meaning of 'Bhavai', the political and social conditions at the time, its origin.

<p>Gujarat ka Loknatya Bhavai Part-2 (Hindi) 00:23:00:00 1997 B/3/83 Producer: Vismay Shah</p> <p>The second part deals with the different plots of their sources and classifications of Bhavai veshas.</p> <p>Gujarat ka Loknatya Bhavai Part-3 (Hindi) 00:24:48:13 1997 B/3/119 Producer: Vismay Shah</p> <p>Part-3 (Swaroop deals with the form of Bhavai. Various aspects of Bhavai performances – dance, music, make-up costumes, lighting, etc. are discussed in the programme.</p> <p>Gujarat ka Loknatya Bhavai Part-4 (Hindi) 00:19:19:07 1997 B/3/120 Producer: Vismay Shah</p> <p>Part-4 deals with the language, dialogue and songs of Bhavai. Bhavai language is a typical admixture of Gujarati and Hindustani. The dialogues are in both prose and poetry.</p> <p>Gujarat ka Loknatya Bhavai Part-5 (Hindi) 00:25:29:00 1997 B/6/64 Producer: Vismay Shah</p> <p>This is the final episode of the series 'Bhavai'. Bhavai is a dying art, this program tries to look at the reasons for its slow disappearance. It also looks at the ways to save it and to relate it to modern theatre with the help of experts in the field.</p>
<p>FORENSIC SCIENCE</p>
<p>NID Project Iti Siddham (Forensic Science) (Hindi) 00:17:37:00 2003 B/3/341 Producer: Ashok Mewada</p>

<p>The film takes the viewer to the forensic laboratory where one can see the technology and techniques employed by forensic experts. Different shades and lighting have been used to highlight the nature of the subject.</p>
<p>GENERAL</p>
<p>A Video Diary Technical Personnel Training Workshop-UGC-DECU 00:24:40:00 1986 GUC-42 Producer: Malti Mehta</p> <p>Housing (Urban) 00:12:04:00 1987 GUB-119 Producer: Ashok</p> <p>This program gives the information about housing problem in the urban areas of our country.</p> <p>Handle with Care 00:13:29:00 1988 GUB-203 Producer: Himanshu Trivedi</p> <p>The narrator and the expert explain the things in a laboratory situation.</p> <p>Taming the Terrible Traffic 00:22:22:00 1988 GUB-131 Producer: Imamuddin Shaikh</p> <p>This program deals with different traffic problems, how they get arised, what public can do to solve them etc.</p> <p>Invisible Work 00:08:37:00 1988 GUB-239 Producer: Savita Hegde</p> <p>The program talks about the need to redefine 'work' keeping in mind household work done by women at home.</p> <p>The program shows different indoor and outdoor games to understand how these games contribute to the development of different aspects of the personality of children.</p> <p>Eye on the Earth 00:19:23:00 1989 GUB-211 Producer: Ashok Mewada & Rajesh Jhaveri</p>

Mr. Pramod Kale, Director, Space Applications Centre, Ahmedabad of Indian Space Research Organization explains the development process and future of satellite communication in India.

Man & Machine

00:09:33:00 1989 GUB-241
Producer: Ashok Mewada

In Focus

00:31:21:00 1990 GUB-328
00:35:11:00
Producers: Anvita Adeshra/Durriya Latif (CDC)

In this quickie, one of the poems "The Dog Days" by Derek Mahon is visualized with a brief introduction of him.

A touch of Adventure

Part-I

00:25:16:00 1990 GUB-351
Producer: Mita R. Bhatt

A touch of Adventure

Part-II

00:23:03:00 1990 GUB-351
Producer: Mita R. Bhatt

Mystery of Colours

00:07:51:00 1990 GUA-399
Producer: Sangeeta Shah, SNDT, Pune

**Luis Braille –
A Mono Acting by
C C Mehta**

00:38:00:00 1991 GUB-469
Producer : Vismay Shah

Renowned theatre personality late Shri C C Mehta performs a mono acting of Luis Braille in this programme. .

**Glorious Past,
Uncertain Future**

00:07:04:00 1992 GUB-543
Producer: Ashok Mewada

The program 'Glorious past, Uncertain future' talks about the monumal neglect of Ahmedabad city. Various reasons of monumental degradation are shown in the program.

Serpentile Senses

00:04:52:00 1992 GUA-606
Producer: Savita Hegde & Others
(CEE-EMRC Workshop Program)

We

(Document on CDC)

00:44:45:00 1992 GUB-532
Producers: Malti Mehta + CDC Students

This program is made on the occasion of completion of 10 years of CDC. Pioneers, faculty and students speak about the course, the centre and its future.

Quest for Excellence

IIM (A)

00:42:42:00 1992 GUB-558
Producers: Dhiren Avashia/Malti Mehta

IIM-A Quest for Excellence

00:44:10:00 1992 GUB-579
Producers: Dhiren Avasia/Malti Mehta

**Gujarat Government's
Gaurav Puraskhar-1991**

(Gujarati)

00:20:00:00 1992 GUB-559
Producer: Malti Mehta

Pan Chewing

00:02:32:00 1993 GUA-903
Producer: Ashok Mewada

To convey through the quickie that spitting is a disgusting habit and a public nuisance. Tried to present it in a light manner and incorporated humour through visuals and music.

Save Electricity

00:01:55:00 1993 GUA-903
Producer: Ashok Mewada (M.S. Uni.)

Alcoholism

00:01:10:00 1993 GUA-903
Producer: Ashok Mewada (M.S. Uni.)

**Sanman Puraskar
(Govt. of Gujarat)**

1993

1993 GUB-619
Producer: Malti/Ashok/Vismay/Ravji/M. Chavda

Colours

(CDC Training Prog.)

00:13:03:00 1993 GUB-905
Producers: Alka/Vandana/Sunali (CDC)

The program opens with the use of colour in design, life and nature. It also speaks about colour harmony and types of colours.

Dinosaurs in Gujarat

00:22:45:00 1993 GUB-601
Producer: Malti Mehta

<p>This program deals with the dinosaurian fossils namely foot prints and foottracks, eggs, and bones, available in Gujarat particularly in two areas, Kachchh and Kheda. A detailed analysis has been carried out by the Geological Survey of India on the basis of these findings.</p> <p>Water & Civilisation 00:26:04:00 1994 GUB-441 Producer: Rajesh Jhaveri</p> <p>The role of water in starting the civilization is explored. Specific ideas regarding sharing of water between countries, regions and states are also explored.</p> <p>Water in day to day Life 00:18:40:00 1994 GUB-541 Producer: Rajesh Jhaveri</p> <p>This is an introduction to the overall concept of utilization of water by all of us with emphasis on the way we utilize water for various purposes including to our industrial needs.</p> <p>Lasting Impressions 00:25:38:00 1994 GUB-559 Producer: Malti Mehta</p> <p>The program gives a brief history of the evolution of the still camera, its introduction into India. Photography reached the Indian shores only 7 months after it was unveiled to the world in 1839. This program gives an account of photographic activities in different parts of the country till year 1947.</p> <p>Quest for Water 00:21:53:00 1994 GUB-624 Producer: Rajesh Jhaveri</p> <p>Concept of desalination of water has been explored in this program.</p> <p>Use of Water for Industry 00:26:00:00 1994 GUB-624 Producer: Rajesh Jhaveri</p> <p>The utilization of water by various industries is explored. Specific discussion is on use of water in the heat-transfer process and how some of the water utilization by industries can be controlled by appropriate recycling methods.</p> <p>Conservation of Water 00:20:22:00 1994 GUB-624 Producer: Rajesh Jhaveri</p>	<p>While we utilize the water, the way we do it, there is a large amount of wastage. Various ideas regarding conservation of water, recycling of water, etc. are explored.</p> <p>Saahas 00:13:32:00 1994 GUB-369 Producer: Dhiren Avashia</p> <p>This is a program on Bharat Dave, a famous and experienced rally driver. He has taken part in different rallies so far and is now participating in the rally in New Zealand. This program is an inspiration for the youth to inculcate such courage and bravery.</p> <p>Behind the Mask 00:17:23:00 1994 GUA-1069 Producer: Malti Mehta</p> <p>Hridaykunj: The soul of Freedom Movement 00:30:36:00 1995 GUB-650 Producer: Vismay Shah</p> <p>A talk with Mm. Paulin on Museums 00:17:36:00 1995 B/6/15 Producer: Ashok Mewada</p> <p>Mm. Paulin is an expert on Museology. She talks about what is a museum? Why we need museums? In Paris there are about 200 museums. Museum architecture and lighting, especially explained a Pyramid of Louvre museum.</p> <p>Competition Coverage 00:12:52:00 1995 GUB-646 Producer: Ashok Mewada</p> <p>It is a coverage of 7th Educational Video Competition held at EMRC, Ahmedabad. Details of competition like: 27 entries received, some jury members, views, prizes, results, etc. are included in the program.</p> <p>A mirage for A future 00:32:31:00 1998 B/3/177 Producer: Ashok Mewada</p> <p>Situated in western Gujarat, the Little Rann of Kachchh Wild Ass Sanctuary is the largest protected area in India. Over 300 species of birds, several rare and beautiful reptiles, amphibians, mammals, and plants are protected in this unique habitat. A local NGO filed a Public Interest</p>
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Litigation against the Government of Gujarat for leasing sanctuary land to the salt industry.

Exploring the Twilight zone

CDC workshop quickie-
00:06:37:00 2001 B/3/274
Producer: Ashok Mewada

A quickie on non-formal education, three case studies are showcased to throw light on the importance of non-formal education for those deprived of education.

Uprooting the roots

CDC workshop quickie-
00:06:08:00 2001 B/3/274
Producer: Ashok Mewada

In this quickie, the 'Pol' houses of Ahmedabad are highlighted with its characteristics, with some of the houses being more than a hundred years old. Migration from the 'old city' to the 'new city' is also discussed.

Quickie – Body Speaks M.S. Uni. Workshop

00:05:00:00 2002 B/3/274
Producer: Ashok Mewada

Quickie on body language, through the means of a birthday party, various kinds of communication, via body language, in various circumstances is shown.

The Magic of Invisible hands

CDC Workshop Quickie-
00:06:50:00 2002 B/3/314
Producer: Ashok Mewada

A quickie on the history of puppetry and the various kinds of puppets used in India.

Synthesizing Life

CDC workshop quickie-
00:03:02:00 2002 B/3/314
Producer: Ashok Mewada

A quickie on the importance of leaves and their various uses in day-to-day life.

Attention Please

CDC workshop quickie-
00:05:20:00 2003 B/3/263
Producer: Ashok Mewada

A quickie on hoardings as a tool for communication. Various kinds of hoardings and this medium's pro's and con's are shown.

Ageless exploration

CDC workshop quickie-
00:05:40:00 2003 B/3/263
Producer: Ashok Mewada

A quickie aimed at changing the perception of people, that museums are boring and to encourage them to make museums a part of their daily life.

Tomorrow of our Nation

00:16:54:09 2004 B/6/72
Producer: Vismay Shah

The program is an attempt to inspire students by sharing the experience and views of the HSC toppers of Gujarat. It is a part of the series – student achievers, suggested by CEC.

Portrait of a Painter : Natubhai Parikh Part-1

00:18:57:00 2007 B/AHM/6/224

Producer : Malti Mehta

It is a biographical sketch of a renown landscape artist Natubhai Parikh – from his childhood to his grooming in the profession.

Portrait of a Painter : Natubhai Parikh Part-II

00:16:53:18 2007 B/AHM/6/224

Producer : Malti Mehta

It is the second part of Natubhai Parikh's biographical sketch depicting his contribution to the field of art. His family and friends describe his rare qualities.

Profile of EMMRC, Ahmedabad

00:06:02:00 2007 B/AHM/3/706

Producer : Malti Mehta

From she to herself : A never ending odyssey

00:18:20:00 2007 B/AHM/3/711

Producer : Ashok Mewada

The documentary is based on Home Based women workers which falls under unorganized sector. It mainly focuses on the present plight of the women who work in their home under exploitative condition.

Earthquake Resistant Construction		
Part-2 : Basic Concepts of Dynamics		
00:26:23:11	2007	B/AHM/3/ 701
Producer : Malti Mehta		
In this programme, basic terminologies of Dynamics are explained with models in the lab, where students are participating live.		
Earthquake Resistant Construction		
Part-3 : Structural Dynamics		
00:17:22:17	2007	B/AHM/3/ 615
Producer : Malti Mehta		
In this part of series, structural dynamics is discussed along with degrees of freedom, mathematical modelling and methods of analysis.		
Earthquake Resistant Construction Part-4 : Concepts of Earthquake Resistant Design		
00:22:20:00	2008	B/AHM/3/ 748
Producer : Malti Mehta		
In this programme the philosophy of Earthquake Resistant design, difference between Earthquake proof and Earthquake Resistant design and various features like depthility, redundancy and overstrength are discussed.		
Earthquake Resistant Construction Part-5: Lateral Load Distribution		
00:22:49:00	2008	B/AHM/3/ 762
Producer : Malti Mehta		
As the lateral load distribution due to Earthquake is very different from gravity load distribution.		
Earthquake Resistant Construction Part-6 : Shear Wall		
00:20:06:00	2008	B/AHM/3/ 764
Producer : Malti Mehta		
In this programme the behaviour of shear wall is discussed to distribute lateral force due to Earthquake, classification along with the suitability and failure modes of shear wall were discussed with lab demo.		

HEALTH		
Human Health Care		
00:27:11:00	1986	GUB-71
Producer: Rajesh Jhaveri		
Occupational Health: A Talk with Prof. Hogstedt		
00:15:13:00	1986	GUB-129
Producer: Rajesh Jhaveri		
Surgery: An Introduction		
00:20:11:00	1987	GUB-97
Producer: Vismay Shah		
This program is just an introduction to surgery. The aim of the program is to excite students to know about this wonderful branches of medical science and to show the development of it.		
Kidney Stone Surgery		
00:20:15:00	1987	GUB-97
Producer: Vismay Shah		
The cause of kidney stones and its operative treatment is explained in detail with modern techniques.		
Brain & Nervous System-I		
00:24:00:00	1987	GUB-95
Producer: Vismay Shah		
We learn about the Cerebrum and some of important parts like sulci, gyri, motor gyrus, sensory gyrus. We talk about the grey matter, the nucleus, spinal fluid, etc.		
Brain & Nervous System-II		
00:15:28:00	1987	GUB-96
Producer: Vismay Shah		
This part explains the structures and other parts of brain and nervous system which are not explained in Part I. For e.g. the thalamus, hypothalamus, mid-brain, the pons, medulla – oblongata, spinal cord and its related structures and nerves.		
Some aspect of Cancer Research In India		
00:22:00:00	1987	GUB-155
Producer: Rajesh Jhaveri		

Cytoskelitan Mobility 00:17:25:00 Producer: Rajesh Jhaveri	1987	GUB-155
Somaclonal Variation 00:13:28:00 Producer: Rajesh Jhaveri	1987	GUB-155
Sex Determination in Man 00:15:00:00 Producer: Rajesh Jhaveri	1987	GUB-151
Dosage Compensation 00:10:56:00 Producer: Rajesh Jhaveri	1987	GUB-156
Chromosome and Sex Determination 00:11:41:00 Producer: Rajesh Jhaveri	1987	GUB-156
A Talk with Dr. L. Simonato on Occupational Cancer Part-1 00:18:44:00 Producer: Ashok Mewada	1987	GUB-164
A Talk with Dr. L. Simonato on Occupational Cancer Part-II 00:10:17:00 Producer: Ashok Mewada	1987	GUB-164
Part I & II: A talk with Dr. L. Simonato, an eminent Epidemiologist from IARC – France gave idea about occupational cancer and its status in developing as well as developed countries.		
A Talk with Dr. P. Comba on Occupational Health 00:19:33:00 Producer: Ashok Mewada	1987	GUB-164
A talk with Dr. Comba an eminent scientist from Italy gave this idea about Occupational health and its preventive measures.		
Fractures – I 00:11:36:00 Producer: Vismay Shah	1987	GUB-113
What is a fracture ? How does it occur ? How is a fracture diagnosed ? These are the questions which are covered in this program.		
Fractures – II 00:19:04:00 Producer: Vismay Shah	1987	GUB-113

In the first part we have discussed what is a fracture, how does it occur, what are its types and how it is diagnosed. In the second part we have discussed various methods of treatment, how does a fracture heal and the factors affecting healing of a fracture and the rehabilitation.		
Issues in Health – Post Independence Perspective 00:20:40:00 Producer: Rajesh Jhaveri	1987	GUB-190
Reply to the Viewers: Doctor Answers Part - 1 00:23:35:00 Producer: Vismay Shah	1987	GUB-95
In this programme answers to viewers' queries on 'Kidney stone surgery' are mentioned. In this first part answers viewers questions regarding factors influencing stone formation are given.		
Reply to the Viewers: Doctor Answers Part - 2 00:14:47:00 Producer: Vismay Shah	1987	GUB-96
In this programme answers to viewers' queries on 'Kidney stone surgery' are mentioned In this second part answers viewers' questions regarding surgical treatment of stone and the prevention of recurrence are given.		
Management of Kidney Failure Part-I Dialysis 00:21:32:00 Producer: Vismay Shah	1988	GUB-199
This is the first part of the program on 'Management of Kidney Failure'. An idea of the types of dialysis and its details are given. The use of immuno-suppressive drugs and the risks involved therein are also depicted.		
Management of Kidney Failure Part-II Transplant 00:36:16:00 Producer: Vismay Shh	1988	GUB-199
This part shows a kidney transplant operation. It shows the parallel operations going on in two adjacent theatres – one on the donor and the other on the receiver who is being prepared to receive the kidney.		
Methods of Physical Rehabilitation 00:33:10:00 Producer: Vismay Shah	1988	GUB-177

<p>This program explains the concept of physical rehabilitation and then shows in detail various methods of physical rehabilitation like occupational therapy, rehabilitation physical means of electrical gadgets, hydrotherapy, etc.</p> <p>Cataract & Intra-Ocular Lens Implantation 00:20:47:00 1988 GUB-222 Producer: Vismay Shah</p> <p>This program explains in brief what is a Cataract, types of Cataract the defect in vision due to cataract and how it can be corrected, the Intra Ocular lens implantation operation and explains the techniques of it.</p> <p>Galucoma & Trabeculectomy 00:18:45:00 1988 GUB-222 Producer: Vismay Shah</p> <p>This program explains in brief what is Glaucoma How the vision is affected by Glaucoma, how it can be corrected by operation.</p> <p>Silicosis – An Industrial Disease 00:19:20:00 1988 GUB-207 Producer: Ashok Mewada</p> <p>This is a program of a series on Environmental Biology. It also gives information about the slate-ten industry and the local exhaust system as a preventive measure.</p> <p>Management of Portal Hypertension By Digital Spleno Renal Shunt 00:26:56:00 1989 GUB-176 Producer: Vismay Shah</p> <p>AMC Quickies 00:01:16:00 00:01:25:00 00:03:00:00 00:04:07:00 1989 GUB-112 Producer: Rajesh Jhaveri</p> <p>Some Endocrine Disorders 00:18:56:00 1990 GUB-319 Producer: Ashok Mewada</p> <p>The program 'some endocrine disorders' discusses disorders of pituitary gland, thyroid gland, pancreas gland and adrenal gland location</p>	<p>of the each gland and secretion of hormone are important to know about endocrine disorders.</p> <p>Nervous system and Conduction of Nerve impulse 00:17:07:00 1990 GUB-177 Producer: Vismay Shah</p> <p>This program mainly deals with the generation and conduction of nerve impulses, the depolarization and repolarization is also discussed. The program will inspire them to know more about the magic computer – 'HUMAN BRAIN'.</p> <p>Human Genetic Diseases 00:11:00:00 1990 GUB-300 Producer: Ashok Mewada</p> <p>Radiation and its Applications 00:07:11:00 1990 GUB-315 Producer: Ashok Mewada</p> <p>This program gives information about what is radiation, sources of radiation and types of radiation. The program also gives an idea about radiation's applications in various fields.</p> <p>Down Syndrome 00:14:03:00 1991 GUB-319 Producer: Ashok Mewada</p> <p>The program 'Down syndrome' discusses about genetic disease of 'down syndrome'. Preventive measures are most important for this disease.</p> <p>History and Evolution Of Drugs: Pharmacology Part-I 00:21:00:00 1991 GUB-365 Producer: Himanshu Trivedi</p> <p>This part of the program covers the history of medicines and drugs from ancient times.</p> <p>Sources of Drugs Pharmacology Part-II 00:33:14:00 1991 GUB-365 Producer: Himanshu Trivedi</p> <p>This part deals with sources of various drugs, the administration of drips and the various routes of administration of drugs.</p> <p>Pharmacodynamics: Phamacology Part-III 00:28:34:00 1991 GUB-407</p>
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<p>Producer: Himanshu Trivedi</p> <p>This parts shows how the drug goes to its site of action after administration and how it combines or not with the receptors there.</p>		
<p>Pharmacokinetics: Pharmacology Part-IV</p>	<p>00:29:14:00</p>	<p>1991 GUB-407</p>
<p>Producer: Himanshu Trivedi</p> <p>This part shows how a drug affects and reacts with the body and also how a drug undergoes biochemical changes.</p>		
<p>Artificial Insemination</p>	<p>00:08:15:00</p>	<p>1991 GUB-297</p>
<p>Producer: Ashok Mewada</p> <p>Bio-technology has paved the way towards genetic improvement of livestock through artificial insemination. Artificial insemination is the introduction of semen into female reproductive tract by artificial methods.</p>		
<p>A talk on Cancer By Prof. Sen Pathak</p>	<p>00:20:00:00</p>	<p>1993 GUB-594</p>
<p>Producer: Ashok Mewada</p> <p>There are many causes for cancer – some are man made. In the program it is explained that how various types of cancer caused by dislocation in chromosomes.</p>		
<p>Acupressure Therapy</p>	<p>00:21:11:00</p>	<p>1996 B/3/8</p>
<p>Producer: Malti Mehta</p> <p>Human body is like an electric power house and there is best arrangements just like computers. It is proved through 'Acupressure Therapy'. In this program, this therapy is explained in context of the health issues of youth.</p>		
<p>Manufacturing Medicines Part-1</p>	<p>00:30:03:00</p>	<p>1996 GUB-651</p>
<p>Producer: Himanshu Trivedi</p> <p>The content of these two parts of program concerns the various forms in which we take allopathic medicines. In the first part initially the brief history of development of allopathic medicines in India is discussed. The first one is oral solid dosage form tablets. The other dosage form explained next, is that of capsules.</p>		

<p>Manufacturing Medicines Part-2</p>		
<p>00:23:41:00</p>	<p>1996</p>	<p>GUB-651</p>
<p>Producer: Himanshu Trivedi</p> <p>In this program we deal with another two popular dosage forms e.g. Oral liquids and Parenterals. The oral liquid dosage form is further divided into Solutions, Syrups, Emulsions and suspensions. We explain the manufacturing process and tests carried out on parenteral products.</p>		
<p>Eye to Eye: Sutureless Cataract Surgery</p>	<p>00:17:27:00</p>	<p>1998 B/3/170</p>
<p>Producer: Ashok Mewada</p> <p>The programme deals with two types of sutureless surgery. One of the methods is much useful and cost effective in India where resources are scarce. At the end lens implantation is shown.</p>		
<p>Total Knee Replacement Surgery Part-1</p>	<p>00:18:21:00</p>	<p>1999 B/3/195</p>
<p>Producer: Vismay Shah</p> <p>The steps of the surgery are explained here with the help of animation, model surgery and actual surgery.</p>		
<p>Total Knee Replacement Surgery Part-2</p>	<p>00:19:39:00</p>	<p>1999 B/3/200</p>
<p>Producer: Vismay Shah</p> <p>In this part, the remaining part of the surgery is covered. We have shown the femoral, the chamfer cuts, trial reduction and assessment of gap, cementing the femoral component, insertion of tibial tray and checking of patellar trekking etc. In the end advantages and disadvantages are also discussed.</p>		
<p>Dentistry : Lecture-1 Pharmacology : The Science of Drugs</p>	<p>00:28:21:00</p>	<p>2005 B/AHM/6-183</p>
<p>Producer : Vismay Shah</p> <p>Defines pharmacology and introduces some branches important for a student of dentistry with brief mention of the history.</p>		

<p>Dentistry : Lecture-2 Drug Administration : How and why 00:36:48:08 2005 B/AHM/6-182</p> <p>Producer : Vismay Shah</p> <p>Art and Science of drug administration with specific advantages and disadvantages and factors affecting selection of routes of administration.</p>
<p>Dentistry : Lecture-7 : Pharmacodynamics : Mechanisms of Drug Actions 00:12:13:00 2005 B/AHM/6-181</p> <p>Producer : Vismay Shah</p> <p>It explains what a drug does to the body, how and where it acts, role of its physical, chemical or biochemical properties in these mechanism and its interactions.</p>
<p>Lecture-3 : Drug Absorption : The Journey Begins 00:40:40:00 2005 B/AHM/6/189</p> <p>Producer : Vismay Shah</p> <p>What is absorption and how the knowledge of absorption can help us in modifying the use of the drugs in such a manner that it becomes beneficial to the recipient.</p>
<p>Lecture-4 : Drug Distribution : Reaching the Destination 00:38:01:06 2005 B/AHM/6/193</p> <p>Producer : Vismay Shah</p> <p>Apparent volume of Drug Distribution and regulation is explained. How long a drug is likely to remain in the body and possible duration of action of a drug.</p>
<p>Prevention & Treatment of Kidney Diseases 00:20:30:18 2006 B/AHM/3/621</p> <p>Producer : Malti Mehta</p> <p>Prevention is better than cure in Kidney diseases. This programme deals with preventive as well as curative treatments i.e. haemodialysis, peritoneal dialysis and transplantation. It also talks about the activities of India Renial Foundation.</p>

<p>Dentistry Part-5 :Drug Metabolism 00:33:08:17 2006 B/AHM/221</p> <p>Producer : Vismay Shah</p> <p>In this part the Pharmacology series for second year B D S students, drug metabolism is discussed. It is a process either non synthetic or synthetic reactions mediated by various enzymes either present in the endoplasmic reticulum which is described as micro somal enzymes or may be because of the presence of enzymes either in other parts of the liver cell or in other tissues of the body. The non synthetic and synthetic reactions that are taking place through these enzymes are modifiable by drugs. Enzyme induction are enzyme inhibition both are possible. Both of these can produce drug interactions as well as these can also be utilized for certain therapeutic benefits.</p>
<p>Drug Action (Quickie) 00:00:41:11 2006 B/AHM/3/601</p> <p>Producer : Vismay Shah</p>
<p>Drug Absorption 00:01:50:06 2006 B/AHM/3/601</p> <p>Producer : Vismay Shah</p>
<p>Drug Distribution 00:01:17:23 2006 B/AHM/3/601</p> <p>Producer : Vismay Shah</p>
<p>The Journey of a Drug 00:02:31:15 2006 B/AHM/3/601</p> <p>Producer : Vismay Shah</p>
<p>Action of Insulin 00:01:27:01 2006 B/AHM/3/601</p> <p>Producer : Vismay Shah</p>
<p>Dentistry Part-6 :Drug Metabolism 00:19:25:14 2006 B/AHM/3/677</p> <p>Producer : Vismay Shah</p> <p>This programme explains the process of drug excretion. Excretion takes place through various channels and organs but kidney is the main organ of drug excretion. So process of drug excretion by kidney is explained detail.</p>

Dentistry		
Part-8 :Kinetic Principles		
00:16:47:10	2006	B/AHM/3/680
Producer : Vismay Shah		
The programme explains the Bio-availability, Volume of distribution and Clearance of a drug. Plasma half life of a drug, First order kinetics, Zero order kinetics and Therapeutic monitoring are also discussed in the programme.		
Dentistry		
Part-1 :Occlusion		
00:25:01:08	2006	B/AHM/3/684
Producer : Vismay Shah		
The programme deals with the definition of Orthodontics and aims/objectives of the series. It explains normal occlusion and the development of the concept through different periods like fictional period, hypothetical period and factual period. Dental arch form, occlusal plains, angulations and inclination of teeth, occlusal contact of each tooth with opposing teeth, occlusal contacts during movements, centric relations, centric occlusion, habitual occlusion etc. explained in the programme.		
Orthodontics Part-2 :		
Classification of Mal Occlusion		
00:24:23:00	2007	B/AHM/3/691
Producer : Vismay Shah		
As the title suggests this programme which is the 2 nd part in the series on Orthodontics deals with the classification of Mal-Occlusion. Mal Occlusion can be individual tooth Mal position, Mal-relation of dental arches, skeletal Mal-relationship or combination of all. The programme explains them in detail. The programme explains angles classification of Mal-Occlusion and its disadvantages. Dewey's & Lischer's modification of angles classification, Benett's classification, Simon's classification and Ackermann-Profitt system.		
Prevent Thalassemia (Quickie)		
00:01:38:07	2007	B/AHM/3/692
Producer : Dr. Ila Joshi		
Thirst for Blood (Quickie)		
00:01:46:08	2007	B/AHM/3/692
Producer : Dr. Ila Joshi		

Prevention is the only cure :		
Thalassemia : Part-1		
00:17:38:08	2007	B/AHM/3/697
Producer : Dr. Ila Joshi		
It talks about Pathophysiology of the disease at length. Then deals with diagnosis and overview of treatment is also mentioned.		
Prevention is the only cure :		
Thalassemia : Part-2		
00:15:20:09	2007	B/AHM/3/692
Producer : Dr. Ila Joshi		
This mainly deals with treatment and is useful for medical students.		
Prevention is the only cure :		
Thalassemia : Part-3		
00:17:12:15	2007	B/AHM/3/698
Producer : Dr. Ila Joshi		
The programme is basically meant for creating awareness on prevention of the disease. There are interviews of the patient, their relatives and experts working for the cause.		
Orthodontics Part-3 :		
Development of Dentition		
00:14:16:05	2007	B/AHM/3/716
Producer : Vismay Shah		
The programme discusses Development of Dentition from Orthodontics point of view. There are four important stages in Development of Dentition (1) Prenatal Development of Dentition (2) Development from birth to deciduous dentition (3) Mixed dentition stage (4) Permanent Dentition stage.		
Since the Prenatal Development of Dentition is discussed in earlier parts this programme discusses the other three stages in detail.		
Orthodontics Part-4 :		
Diagnosis		
00:24:09:01	2007	B/AHM/3/715
Producer : Vismay Shah		
Diagnosis is very important for any kind of treatment. Diagnostic records are very important in Orthodontics. There are two types of Diagnostic aids. Essential aids and supplemental aids. The essential aids are case history, clinical		

examination, photographs, radiographs and study models. In this programme case history and clinical examination is discussed in detail.

LANGUAGES / LITERATURE

All India Oriental Conference

00:16:40:00 1985 GUB-31
 Producer: Rajesh Jhaveri

‘Towards the Languages’

A Talk with Prof. R.S. Lindzen (Part-1)

00:21:52:00 1985 GUB-12
 Producer: Himanshu Trivedi

A Talk with Prof. R.S. Lindzen (Part-2)

00:21:00:00 1985 GUB-12
 Producer: Himanshu Trivedi

Understanding Poetry (DECU/EMRC – Somaiya College Workshop Prog.)

00:11:01:00 1986 GUC-34

Producer: Rajesh Jhaveri

The life of William Shakespeare

00:19:00:00 1990 GUA-448
 Producer: Ravji Sondarva

This program covers the entire span of Shakespeare’s life and reflects visually various places he lived and worked in like Stratford upon Avon, London, etc.

Three Neighbours - Modern Gujarati Poetry

00:24:36:00 2002
 Producer : Vismay Shah

This programme begins with glimpses of modern Gujarati poetry. Further a brief historical background of Gujarati poetry and a short account of poet Sundaram’s life is given.

Mugdha Bhraman (a Prog. About Rajendra Shah’s Poetry)

00:19:28:07 2003 B/3/269
 Producer: Vismay Shah

The program includes an interview with Rajendra Shah in which he talks about his poems, the language used, his diction and his participation in the civil disobedience movement during the freedom struggle.

Quickie of Air show : Join the Indian Air Force (Parachute)

00:00:48:16 2003 B-3/194
 Producer : Vismay Shah

The Paratroopers of Indian Air Force jump from the helicopter with parachute and performed different combination while landing in the definite ground.

Sail High (Parachute)

00:01:36:06 2003 B-3/194
 Producer : Vismay Shah

The Paratroopers of Indian Air Force jump from the helicopter with parachute and performed different combination while landing in the definite ground.

Join the Indian Air Force (Planes)

00:01:54:15 2003 B-3/194
 Producer : Vismay Shah

To inspire youth for joining the Indian Air Force, the Indian Air Force people performs air show in different cities. In this Quickie the pilots of Indian Air Force performed their skills by doing different types of acrobatics in the air.

Quickie of Rajendra Shah’s Poem

Poyani unche joyun akkash maa (Oh! A nigh lily is gazing up at the sky)

00:01:14:02 2003 B-3/304
 Producer : Vismay Shah

In this poetry Shri Rajendra Shah has depicted the picture of nature in the form of lily, gazing up at the sky. It seems as if the moon has fallen in love with lily and vice-versa. The poem reflects beautiful description of nature symbolizing human love.

Apnan Kheteria Mangal (A treat for our field)

00:01:29:09 2003 B-3/354
 Producer : Vismay Shah

<p>The first spell of monsoon have brought back greens on the face of mother nature. The poem depicts the rural life during monsoon. Amongst it the farmer and his wife with happiness and hope go out into the field to fill the land. Thus projecting the love and working together, shoulder to shoulder.</p>		
<p>Ayushyana Avsheshe (At the fag end of life) 00:03:24:21</p>	<p>2003</p>	<p>B-3/268</p>
<p>Producer : Vismay Shah</p>		
<p>The poem is beautiful sonnet series, which the poet wrote at the age of 35. The poem depicts memoirs of an old man visiting his ancestral house and about his experiences. It is astonishing that the poet, who at present is of 90 plus age, wrote his poem in his youth, which ironically depicts his current experiences.</p>		
<p>Niruddeshe 00:00:52:18</p>	<p>2003</p>	<p>B-3/357</p>
<p>Producer : Vismay Shah</p>		
<p>The aimless wandering in the life of the poet has given him rich experiences. His infatuation with the nature has given him inspiration to write poetry on nature. The poem reflects the creative process of the poet.</p>		
<p>LIBRARY SCIENCE</p>		
<p>INFLIBNET 00:15:53:00</p>	<p>1992</p>	<p>GUB-496</p>
<p>Producer: Rajesh Jhaveri</p>		
<p>INFLIBNET: Space Communications for Inflibnet 00:22:09:00</p>	<p>1992</p>	<p>GUB-496</p>
<p>Producer: Rajesh Jhaveri</p>		
<p>INFLIBNET-II Inflibnet Programme Of U.G.C. 00:20:32:00</p>	<p>1992</p>	<p>GUB-496</p>
<p>Producer: Rajesh Jhaveri</p>		
<p>Library & Computerization (Hindi) 00:21:22:00</p>	<p>1994</p>	<p>U-6-116</p>
<p>Producer: Ashok Mewada</p>		

<p>This program is about the internal working of a library and it discusses the computerization of various libraries. It also provides information on networking and INFLIBNET in terms of the libraries all over India.</p>		
<p>Just a Click Away A Program on Information And Library Network 00:16:28:00</p>		
<p>2004</p>	<p>B-3/434</p>	
<p>Producer: Vismay Shah</p>		
<p>The need and objective of the centre and its activities like library automation, training, software development, union databases, information services, networking, e-subscription etc. are shown. The centre's major contribution is the creation of Inflibnet website on which anybody can click and can get information about books, serials, thesis experts, etc.</p>		
<p>UGC-Infonet E-Journal Consortia 00:31:14:20</p>		
<p>2004</p>	<p>B/6/141</p>	
<p>Producer: Rajesh Jhaveri</p>		
<p>Library & Information Science: A Profession Part-1 00:28:02:00</p>		
<p>2004</p>	<p>B/AHM/6-160</p>	
<p>Producer. Malti Mehta</p>		
<p>This program narrates the history of knowledge assimilation and its reach, print technology, role of a librarian, etc.</p>		
<p>Library & Information Science: Knowledge Organization, Information Processing & Retrieval Part-2 00:38:47:00</p>		
<p>2004</p>	<p>B/AHM/6-160</p>	
<p>Producer: Malti Mehta</p>		
<p>This program deals with four major areas namely universe of knowledge, methods of knowledge organization, bibliographic description and subject cataloguing.</p>		
<p>Library & Information Science: Information Technology Basics Part-3 00:26:48:20</p>		
<p>2004</p>	<p>B/AHM/6-158</p>	
<p>Producer: Malti Mehta</p>		

<p>In this lecture, expert describes the basics of information technology.</p>		
<p>Management of Library & Information Centres Part-4 (Unit-1)</p>		
00:19:01:00	2004	B/AHM/6-155
<p>Producer : Malti Mehta</p>		
<p>In this lecture, the expert talks about various topics like scientific management, thoughts, human resource management etc.</p>		
<p>Management of Library & Information Centres Part-4 (Unit-2)</p>		
00:29:20:00	2004	B/AHM/6-155
<p>Producer : Malti Mehta</p>		
<p>In this lecture the subject expert talks on financial resource, budgeting control, cost effectiveness, cost benefit analysis etc.</p>		
<p>Library & Information Science Part-5 (Unit 1)</p>		
<p>Total Quality Management</p>		
00:20:26:00	2004	B-AHM/6-179
<p>Producer : Malti Mehta</p>		
<p>In this lecture on Total Quality Management, the expert talks about quality, its implementation in libraries, definitions of quality, etc.</p>		
<p>Library & Information Science Part-6</p>		
<p>Types of Information Sources</p>		
00:32:12:00	2006	B-AHM/6-213
<p>Producer : Malti Mehta</p>		
<p>In this lecture, four types of information sources are described with details like Primary, Secondary & Tertiary Documentary sources, Evaluation of these sources and National-International Information systems.</p>		
<p>Library & Information Science Part-7</p>		
<p>Types of Information Services</p>		
00:23:33:00	2006	B-AHM/6-213
<p>Producer : Malti Mehta</p>		
<p>In this lecture, different types of information services are described in details.</p>		

<p>MANAGEMENT</p>		
<p>Decision Making Styles</p>		
00:31:26:00	1989	GUB-307
<p>Producer : Vismay Shah</p>		
<p>The Decision Making Styles of Managers have been explained with the help of dramatized sequences in the programme.</p>		
<p>Six Sigma at Wipro-1</p>		
00:16:47:00	2005	B/AHM/6/185
<p>Producer : Rajesh Jhaveri</p>		
<p>Six sigma is a statistical unit/metric of measurement which reflects the capability of the process.</p>		
<p>Six Sigma : Fundamentals-2</p>		
00:21:03:15	2005	B/AHM/6/185
<p>Producer : Rajesh Jhaveri</p>		
<p>Six sigma is a statistical unit/metric of measurement which reflects the capability of the process.</p>		
<p>Six Sigma for Quality Improvement – 3</p>		
00:09:40:00	2005	B/AHM/6/185
<p>Producer : Rajesh Jhaveri</p>		
<p>Six sigma is a statistical unit/metric of measurement which reflects the capability of the process.</p>		
<p>Six Sigma : Methodologies-4</p>		
00:27:41:00	2005	B/AHM/6/185
<p>Producer : Rajesh Jhaveri</p>		
<p>Six sigma is a statistical unit/metric of measurement which reflects the capability of the process.</p>		
<p>Six Sigma : Case Studies-5</p>		
00:11:33:09	2005	B/AHM/6/185
<p>Producer : Rajesh Jhaveri</p>		

Six sigma is a statistical unit/metric of measurement which reflects the capability of the process.

Six Sigma :

Implementation-6

00:18:04:00 2005 B/AHM/3/
185

Producer : Rajesh Jhaveri

Six sigma is a statistical unit/metric of measurement which reflects the capability of the process.

**Video Lecture on
Human Resource Management
Part-1 : Meaning & Scope**

00:13:31:00 2008 B/AHM/3/
739

Producer : Ashok Mewada

In this lecture meaning and scope of Human Resource Management is explained. It also discuss what is an Human Resource system.

**Video Lecture on
Human Resource Management
Part-2 : Objectives,
Functions & Importance**

00:18:18: 2008 B/AHM/3/
740

Producer : Ashok Mewada

This lecture deals with objectives, functions and different versions of Human Resource Management as well as significance of Human Resource Management in today's environment.

**Video Lecture on
Human Resource Management
Part-3 : Meaning, Scope, Analysis**

00:17:18:00 2008 B/AHM/3/
741

Producer : Ashok Mewada

This lecture explains Human Resource Management begins with Human Resource planning. Human Resource planning means getting the right kind of people in quantity at the right place and at the right time. It also deals with the scope and process of activities undertaken as a part of Human Resource planning.

**Video Lecture on
Human Resource Management
Part-4: Recruitment Process**

00:16:09:00 2008 B/AHM/3/
756

Producer : Ashok Mewada

In this part the method and sources of recruitment is covered where both internal and external sources are discussed. Further in the process of recruitment planning, strategy, searching, screening, control and evaluation is also discussed.

**Video Lecture on
Human Resource Management
Part-5 : Selection,
Induction & Socialization**

00:17:43:00 2008 E/AHM/3/
758

Producer : Ashok Mewada

In this part, the concept of selection is given along with its definitions. The whole selection process is covered with details of appropriate tests/examinations and interviews.

**Video Lecture on
Human Resource Management
Part-6 : HR Acquisition
(Training & Development)**

00:18:49:00 2008 B/AHM/3/
759

Producer : Ashok Mewada

This part deals with the meaning of training, principles of effective training programme, process of training including the training need analysis.

**Video Lecture on
Human Resource Management
Part-7 : Performance Appraisal**

00:13:50:00 2008 B/AHM/3/
768

Producer : Ashok Mewada

In this lecture the meaning of performance, appraisal and performance appraisal is understood.

**Video Lecture on
Human Resource Management
Part-8 : Methods & Techniques of
Performance Appraisal**

00:19:50:00 2008 B/AHM/3/
769

Producer : Ashok Mewada

In this lecture specific methods of measuring performance of employees in any organization is given.

**Video Lecture on
Human Resource Management**

Communicating Communication: Research in Communication	1991	GUB-534
00:18:09:00		
Producers: Dhiren Avashia/Savita Hegde		
Communicating Communication: Some Dichotomies	1991	GUB-534
00:22:40:00		
Producers: Dhiren Avashia/Savita Hegde		
Communicating Communication: Communication & Culture	1991	GUB-534
00:19:42:00		
Producers: Dhiren Avashia/Savita Hegde		
Communicating Communication: An Introduction	1991	GUA-806
00:17:53:00		
Producers: Dhiren Avashia/Savita Hegde		
Communicating Communication: Communication as a Profession	1991	GUB-533
00:15:04:00		
Producers: Dhiren Avashia/Savita Hegde		
Communicating Communication: Communication as Technology	1991	GUB-533
00:18:59:00		
Producers: Dhiren Avashia/Savita Hegde		
Communicating Communication: Communication and Ideology	1991	GUB-533
00:18:01:00		
Producers: Dhiren Avashia/Savita Hegde		
Role of Media in Development Communication	1992	GUB-473
00:20:31:00		
Producers: Anuja Sharma & Kavita Kakkad-CDC		
This program is a discussion about the role which the media plays in development communication – media such as puppetry, street play and posters.		
Press & Communalism	1993	GUA-903
00:02:46:00		
Producer: Ashok Mewada		

This program brings to notice the partisan role of press over a period of time from the independence struggle to the present times. Uses symbolic visuals supported by apt audio and Sahir Ludhianvi's poem.

PERSONALITIES

**Know them by
Dialogue: A Talk**

With Prof. Wetherill-I
00:20:57:00 1987 GUB-158
Producer: Himanshu Trivedi

It's a talk with Prof. Wetherill on the astronomy and the theory for the evolution of solar system.

**Know them by
Dialogue: A Talk
With Prof. Wetherill-I**
00:21:25:00 1987 GUB-124
Producer: Himanshu Trivedi

It continues to talk about the other members of solar system like comets, meteorites, etc.

**Know them by Dialogue
Sir John Mason-I**
00:18:00:00 1987 GUB-116
Producer: Himanshu Trivedi

In all the three parts, Sir (Basil) John Mason, Uni. Of Manchester talked about Satellite observation in the production of climate changes in ocean and about meteorology education.

**Know them by Dialogue
Sir John Mason-II**
00:22:00:00 1987 GUB-116
Producer: Himanshu Trivedi

**Know them by
Dialogue
Sir John Mason-III**
00:23:00:00 1987 GUB-116
Producer: Himanshu Trivedi

Vikram: The Visionary
00:19:01:00 1988 GUB-231
Producer: Himanshu Trivedi

The program is about how Dr. Vikram Sarabhai turned his dreams into reality by establishing institutes in various fields like Science, Textile Research, Space Applications, Education and

Development with the spirit of commitment and concern.	importance of change in the growth of any organization.
<p>A talk with Prof. John K. Galbraith 00:20:04:00 1988 GUB-241 Producer: Ashok Mewada</p> <p>This is an interview with Prof. Galbraith which includes the discussions regarding price control and price rigidity in India and efforts at development.</p> <p>A talk with Prof. W.R. Lee and Prof. Malinee Wongphanich 00:23:26:00 1989 GUB-0259 Producer: Ashok Mewada</p> <p>This program covers the lectures of Prof. W.R. Lee, U.K. and Prof. Malinee Wongphanich, Thailand regarding the problems of occupational health in their countries.</p>	<p>A talk with Prof. Mock 00:28:52:00 1991 GUB-453 Producer: Himanshu Trivedi</p> <p>A talk with Prof. Holmes Part-1 00:19:47:00 1991 GUB-430 Producer: Himanshu Trivedi</p> <p>A talk with Prof. Holmes Part-2 00:22:57:00 1991 GUB-430 Producer: Himanshu Trivedi</p> <p>A talk with Prof. Holmes Part-3 00:20:28:00 1991 GUB-423 Producer: Himanshu Trivedi</p> <p>In the above programmes Prof. Holmes talks about the chemical processing of textile materials and what will be the course of future development in the field.</p>
<p>A Talk with Prof. J.C. Kothari 00:11:30:00 1989 GUB-259 Producer: Ashok Mewada</p> <p>Detailed information has been given regarding the health problems as well as measures to prevent occupational diseases in those sectors, through suitable devices.</p> <p>Know them by dialogue Prof. Roberto Terlevich (A talk with Astronomer) 00:30:54:00 1990 GUB-346 Producer: Himanshu Trivedi</p>	<p>Know them by Dialogue A talk with Eric Larson Part-I 00:21:24:00 1993 GUB-417 Producer: Himanshu Trivedi</p> <p>These are two programs about energy conservation and technological menu. The concept of menu is given by Dr. Larson.</p> <p>Know them by Dialogue A talk with Eric Larson Part-II 00:23:45:00 1993 GUB-417 Producer: Himanshu Trivedi</p>
<p>This is one of the programmes in which we invite 'The Vikram Professor' who comes to Physical Research Laboratory. This year it was Prof. R. Terlevich, who is working in Greenwich Royal Observatory. He has talked about Peculiar Velocities and the Great Attractor of Galaxies.</p> <p>In conversation with Sir John Harvey Jones 00:26:55:00 1990 GUB-334 Producer: Malti Mehta</p>	<p>Ramanathan – A life time of work 00:32:20:00 1993 GUB-551 Producer: Rajesh Jhaveri</p> <p>23rd March, 1993 is World Meteorological Organisation Day and Prof. Ramanathan was the first person to receive the World Meteorological Organisation's medal in India. Prof. P.R. Pisharoty is the 2nd Indian to receive the World Meteorological Organisation's medal.</p>
<p>In this programme, Sir John Harvey-Jones, MBE, former Chairman of ICI, U.K. talks to Prof. K.R.S. Murthy of IIM, Ahmedabad about management and leadership. He also stresses the</p>	<p>Mahatma Gandhi As a Journalist Part-1 00:20:05:00 1996 GUB-648 Producer: Vismay Shah</p>

**Mahatma Gandhi
As a Journalist Part-2**
00:18:11:00 1996 GUB-648
Producer: Vismay Shah

Part 1 & 2: This program is in two parts. In the first part we talk about how he started writing and his first newspaper (weekly) Indian Opinion and difficulties faced by him. His objectives of journalism are also discussed here. Gandhi's views about the advertisements, language, news, reporting and equipment of journalist are expressed in context to his weeklies Indian Opinion, Young India, Navjivan and Harijan.

**Preeti Sengupta
- A vivid traveler**
00:19:54:00 1998 B/3/154
Producer: Malti Mehta

Preeti Sengupta has written extensively about the people and the places she has visited – 18 books – mainly travelogues and 2 poem collections, mostly in Gujarati, have won her seven awards from Gujarat Sahitya Academy and Gujarati Sahitya Parishad.

**Prof. A.R. Rao –
Everybody's
Mathematician**
00:29:01:00 2003 B/3/215
Producer: Ashok Mewada

Winner of the Government of India's "National Award for popularizing Mathematics", Prof. A.R. Rao is "Everybody's Mathematician". The documentary attempts to portray Prof. A.R. Rao's life long dedication to the study and spread of mathematics through his games, puzzles.

**Reminiscences –
Student days of
Dr. P.C. Vaidya**
00:20:26:07 2004 B/3/184
Producer: Vismay Shah

Dr. P.C. Vaidya is a renowned mathematician. This program deals with his major contribution in mathematics, his inspiration, how was it like to be a student in pre-independence atmosphere, why he choose mathematics as a subject, etc.

**Reminiscences –
Student Days of Advocate &
Professor Girish Patel**
00:28:43:00 2004 B/3/466
Producer : Vismay Shah

Prof. Girish Patel is an eminent lawyer and human right activist. In this programme we have asked him questions regarding his primary, secondary and college education.

**Reminiscences –
Student Days of
Prof. D N Pathak**
00:29:05:08 2004 B/3/530
Producer: Vismay Shah

In this programme we have asked him questions about his student days and memories of freedom movement.

**Reminiscences –
Student Days of Advocate &
Professor Girish Patel**
00:28:43:00 2004 B/AHM/3-466
Producer : Vismay Shah

Prof. Girish Patel is an eminent lawyer and human right activist. In this programme we have asked him questions regarding his primary, secondary and college education

**Reminiscences –
Student Days of
Prof. Devrat N. Pathak**
00:29:05:00 2004 B/AHM/3-530
Producer : Vismay Shah

Prof. Devrat N. Pathak is a well known professor of Political Science. In this programme we have asked him questions about his student days and memories of freedom movement. He recounts his days in Chicago University as a student.

**Student days of
Celebrities
Legendary Dancer
Smt. Mrinalini
Sarabhai**
00:25:53:00 2004 B/6/87
Producer: Malti Mehta

Smt. Mrinalini Sarabhai remembers her student days, her passion for dance, establishment of Darpana, her social contribution, etc. in an interview.

**An Interface with
Dr. Kiran Bedi, IPS**
00:12:13:00 2005 B/AHM/3-564
Producer : Krishna Rao

It is a straight talk with Dr. Kiran Bedi, IPS. She speaks to the students directly and asks them to take their student life seriously with focussed attention on building careers and building the nation.

PHILOSOPHY

Time without End (Part-1)
00:18:14:00 1985 GUC-15
Producer: Himanshu Trivedi

Time without End (Part-2)
00:19:55:00 1985 GUC-16
Producer: Himanshu Trivedi

The above programmes are a speculation on what will be the form of life and the universe, millions of years hence.

Time Keepers of Centuries -1
00:20:40:00 1988 GUB-203
Producer: Himanshu Trivedi

This program talks about the need for time keeping. It tells us from where the concept of time has come. It also talks about the solar or the tropical year and the sidereal year.

Time Keepers of Centuries Part-2
00:21:35:00 1988 GUB203
Producer: Himanshu Trivedi

It talks about the important time scales which help in making calendars like a year and day.

Time Keepers of Centuries Part-3
00:20:11:00 1988 GUB-220
Producer: Himanshu Trivedi

The cenetinal points on the earths orbits – the equinoxes and the solstices are explained.

Time Keepers of Centuries Part-4
00:22:25:00 1988 GUC-32
Producer: Himanshu Trivedi

Explained a unit of time – the month, solar month, lunar month, sidereal lunar month are also explained.

Time Keepers of Centuries Part-5
00:22:48:00 1988 GUC-31
Producer: Himanshu Trivedi

Talks about how Indian calendars are matched with the solar calendar with the help of intercalary month, disappearing of a month or days, etc.

Time Keepers of Centuries Part-6
00:19:25:00 1988 GUB-220
Producer: Himanshu Trivedi

Talks about the standardization of calendars and some futuristic aspects like proposal for a new calendar, etc.

PHYSICS

Introduction to Electrons
00:16:00:00 1984 GUB-1
Producer: Praful Bhavsar (SAC/EMRC)

Semiconductor
00:14:00:00 1985 GUB-12
Producer: Himanshu Trivedi

Semiconductors (Supplement)
00:21:45:00 1985 GUB-17
Producer: Himanshu Trivedi

Diodes (Supplement)
00:20:27:00 1985 GUB-17
Producer: Himanshu Trivedi

Cathode Ray Oscilloscope
00:14:30:00 1985 GUB-23
Producer: Malti Mehta

Lewis Structure
00:18:30:00 1985 GUB-21
Producer: Himanshu Trivedi

Amplitude Modulation	1986	GUA-156
00:07:27:00 Producer: Indo-British ETV Workshop		
Waves	1987	GUB-133
00:13:24:00 Producer: Shaikh		
This program on waves shows the importance of waves in our day to day life. It also includes points on different kinds of waves and features of waves.		
Light	1988	GUB-128
00:16:47:00 Producer: Imamuddin Shaikh		
This program Light is in a documentary format. It explains different phenomenon of light. The importance of light is explained in a popular manner.		
Liquid Crystals – I Basic Concepts & Classifications	1988	GUB-206
00:21:49:00 Producer : Ashok Mewada		
It is a program dealing with a multi-disciplinary subject. The basic concepts and classification of liquid crystals are explained in detail. The definition of liquid crystal and the classes viz. Nematic, Smectic A & C, Cholesteric, Lyotropic – Hexagonal Lamellar are elaborately dealt with.		
Liquid Crystals – II Properties & Applications	1988	GUB-207
00:24:15:00 Producer : Ashok Mewada		
In this programme properties like consuming very little space, lowest power, good readability, durability etc. are explained. The applications like use in displays, portable computer terminals and ferroelectrics are explained in detail. The use of liquid crystals in thermography is highlighted.		
Ooty Radio Telescope	1988	GUB-207
00:12:27:00 Producer: Ashok Mewada		
The program is about the Ooty Radio Telescope. How is it made, its dimensions, etc. and its function. It also tells you about the results obtained by the ORT.		

Radio Astronomy and Indian Scene	1988	GUB-206
00:13:42:00 Producer: Ashok Mewada		
The program mainly tells you about the origin of radio astronomy. The facilities in India in the field of Radio Astronomy are discussed in depth.		
Physics of the Sun	1988	GUB-223
00:15:01:00 Producer: Ashok Mewada		
Why the Sky is Blue? (Sir C.V. Raman's Tribute programme)	1988	GUB-245
00:25:12:00 Producer: Dhiren Avashia		
This program is based on Nobel laureate Sir C.V. Raman's discovery about the scattering of light and his finding about why the colour of the sky is blue.		
Beyond Vision (Optical Telescope)	1989	GUB-223
00:17:07:00 Producer: Ashok Mewada		
Since dawn of an astronomy, optical telescope has been the most important tool to explore the universe. It gives information of the vainu babu observatory, Kavalur, a prominent centre for optical astronomy in India.		
Kodaikanal Observatory	1989	GUB-259
00:11:13:00 Producer: Ashok Mewada		
The program starts with a brief history of this oldest observatory, giving information about different areas of scientific inquiry.		
Glimpses of science Of the Physical Research Laboratory	1989	GUB-270
00:29:39:00 Producer: Himanshu Trivedi/Kaushik		
Cosmology in the post Einstein Era Part-1	2005	B/AHM/3/ 646
00:18:43:00 Producer : Vismay Shah		

This is the recording of a public lecture given by Dr. Jayant Narlikar on the occasion of International year of Physics to mark the 100th year of publication of Einstein's important papers in Physics.

Cosmology in the post Einstein Era Part-2
00:22:50:00 2005 B/AHM/3/644
Producer : Vismay Shah

Dr. Jayant Narlikar has explained different solutions to Einstein's equation, given by Einstein, De sitter, Fried Mann and Lemaitre, for the static and expanding universe.

Cosmology in the post Einstein Era Part-3
00:20:50:00 2005 B/AHM/3/645
Producer : Vismay Shah

Dr. Narlikar has explained that people began to disbelieve the steady state theory but it made many interesting proposals like bayon number, scalar field, super clusters etc. So finally he has asked the students to be little more critical and not to join a flock just because a flock is going in a certain direction (Big Bang).

POLITICAL SCIENCE

India Elects
00:29:48:00 1990 GUB-328
Producer: Malti Mehta

This program deals with the general elections in India including the process of election and role of the Election Commission and media in context of the Constitution of India.

A discussion on Secularism
00:20:14:00 1992 GUB-570
Producer: Vismay Shah

In this program, the interviewer Prof. Abid Shamsi gives the dictionary meaning of the word 'secular' and requests the participants to throw light on the concept of secularism.

Human Rights: The Evolving concept
00:17:50:00 1993 GUA-960
Producer: Vismay Shah

All rights and human rights cannot be fulfilled unless corresponding duties are fulfilled. In the interview based programme, Prof. D.M. Pathak gives a vast and panoramic view of human rights – declaration of human rights by UNO, a state can be evaluated on the basis of human rights and how it maintains it.

Basic Democratic Processes – T.N. Seshan in Conversation with Pramod Kale
00:32:29:00 1994 GUB-524
Producer: Malti Mehta

Mr. T.N. Seshan, Chief Election Commissioner – (1) highlights the status of India before and after the adoption of the constitution; (2) describes the function of three pillars of democracy vis. Legislature, Executives and Judiciary; (3) informs about the process of Registration of voters in the electoral list and (4) also talks about the proposed changes in the election procedure.

Human Rights and Indian Constitution Part-1
00:19:49:00 1996 B/6/25
Producer: Vismay Shah

This program discusses the importance of basic human rights and why we have included human rights in our constitution.

Human Rights and Indian Constitution Part-2
00:22:25:00 1996 B/6/25
Producer: Vismay Shah

This program discusses enforcements and effectiveness of human rights in India, the citizens and students role in furtherance.

Enlightenment Part-1 : An Overview
00:31:19:14 2008 B/AHM/3/772
Producer : Vismay Shah

Enlightment is a subject which cuts through many social sciences like political science, economics, sociology. An eminent expert of political science Prof. Yogendra Mankad takes us through the fascinating journey of the age of Enlightenment.

PURE SCIENCES

BOTANY

Flower

00:19:52:00 1984 GUB-3
Producer : Nitin Bhavsar (SAC/EMRC)

Plant Killers - Part 1

00:19:50:00 1985 GUB-25
Producer : Himanshu Trivedi

This program is about different diseases of the plants of arid zone caused by bacteria, fungus, etc.

Plant Killers - Part 2

00:23:10:00 1985 GUB-25
Producer : Himanshu Trivedi

This program explains about the different insects, pests and nematodes responsible for the damage to plants.

Fungus

00:14:26:00 1991 GUB-328
Producer: Malti Mehta/ Kavita Thakkar

This program deals in general with the benefits and harmful effects of fungus. The program contains classification of fungi, its role in maintaining the ecological balance, growth and reproduction, different mushrooms which is also fungus.

Cactus: A Beautiful Bramble

00:19:20:00 1992 GUB-567
Producer: Ashok Mewada

In the program Cactus, characteristics of cactus roots, spines, stem, flowers and fruits are also explained.

CHEMISTRY

Anoxic Biodegradation

00:14:40:00 1983 GUA-21
Producer : Nitin Bhavsar (SAC/UGC/EMRC WORKSHOP)

Fibres to Fabrics

1983
Producer : Bharat Dave (SAC/UGC/EMRC WORKSHOP)

What is Chemistry?

00:29:30:00 1985 GUB-22
Producer : Malti Mehta

Introduction to Chemical Bonding

00:18:02:00 1985 GUB-29
Producer : Rajesh Jhaveri

Chemistry of Dyes

00:22:52:00 1985 GUB-23
Producer : Malti Mehta

Fuels

00:17:35:00 1986 GUB-34
Producer: Rajesh Jhaveri

Chemistry of Detergents

00:22:52:00 1986 GUB-75
Producer: Malti Mehta

Chemistry of Man

Made Fibres - 1

Introduction

00:18:33:00 1987 GUB-138
Producer : Malti Mehta

Chemistry of man-made fibres begins with the historical background of the subject. The fundamental concept regarding fibre and its chemical structural nature has been explained. The classification of fibres has been given.

Chemistry of Man-Made

Fibres Part-2

'Natural Polymer based Man-Made Fibres'

00:14:12:00 1987 GUB-138
Producer : Malti Mehta

The series on Chemistry of man-made fibres, basic principle of different classes of natural polymer based fibres have been discussed.

Chemistry of Man-Made

Fibres Part-3

'Viscose Rayon'

00:20:30:00 1988 GUB-196
Producer : Malti Mehta

Viscose Rayon is one of the most important types of natural polymer based man-made fibres. In this program, the actual manufacturing process of Viscose Rayon is shown.

Chemistry of Man-Made

Fibres Part-4

(Synthetic Polymer based Fibres)

00:14:03:00 1989 GUB-236
Producer : Malti Mehta

<p>In this part, synthetic polymer based organic man-made fibres and Inorganic man made fibres are discussed. Different types of synthetic organic fibres are explained.</p> <p>Chemistry of Man-Made Fibres Part-5 (Polyvinyl Derivatives & Poly Acrylonitrile Fibres) 00:17:28:00 1989 GUB-236</p> <p>Producer : Malti Mehta</p> <p>Different classes of “Polyvinyl Derivatives” type synthetic organic fibres are explained. Actual manufacturing process of polyacrylonitrile fibres is reviewed.</p> <p>Chemistry of Man-Made Fibres Part-6 (Polyster Fibres) 00:18:45:00 1989 GUB-264</p> <p>Producer : Malti Mehta</p> <p>Manufacturing process and applications of polyester fibres is considered in this conclusive part of the program.</p> <p>Professor Dreaming Chemistry 00:17:13:00 1990 GUB-369</p> <p>Producer: Malti Mehta</p> <p>In this program a professor is showing dreaming about Chemistry while having tea, while conversing with his daughters, friend and while thinking of teaching chemistry.</p> <p>Nomenclature of Organic Compounds Part-1: Introduction 00:19:30:00 1991 GUB-363</p> <p>Producer: Malti Mehta</p> <p>Growth of organic chemistry during 19th and 20th century can only be compared with the growth of mushroom. Program on nomenclature of organic compounds discusses certain specialized areas concerned with the nomenclature.</p> <p>Nomenclature of Organic Compounds Part-2 00:17:07:00 1991 GUB-363</p> <p>Producer: Malti Mehta</p> <p>This series talks of nomenclature of Aliphatic Hydrocarbons namely alkanes, alkenes, alkynes and cyclic aliphatic compounds.</p>	<p>Phase Equilibrium Episode-1 00:32:42:00 2005 B/AHM/6/195</p> <p>Producer : Krishna Rao</p> <p>Explains the operational definitions of Phase, Types of Systems, their classifications, surrounding and the physical & chemical equilibrium.</p> <p>Gibbs Phase Rule Equation – Episode-2 00:32:03:01 2005 B/AHM/6/206</p> <p>Producer : Krishna Rao</p> <p>Josiali Gibbs, the father of Thermodynamics theory has propounded an everlasting equation on phase rule.</p> <p>Phase Diagram – One Component System Water H₂O Episode-3 00:32:32:11 2005 B/AHM/6/203</p> <p>Producer : Krishna Rao</p> <p>Explains about the phase diagram with one component system. One component system - Water is taken and a phase diagram is constructed to explain several phenomenon like, how a pressure cooker works.</p> <p>Phase Diagram One Component System CO₂,HE & C – Episode-4 00:36:38:08 2005 B/AHM/6/201</p> <p>Producer : Krishna Rao</p> <p>Explains how CO₂ system varies from water system and why? Sulphur system and its polymorphism and Helium exists in two liquid forms.</p> <p>Two Component System – Application of Phase Rule Episode-5 00:36:29:24 2005 B/AHM/6/200</p> <p>Producer : Krishna Rao</p> <p>Discusses about phase rule to two component systems. If we use the phase rule to solid-liquid systems, in which the two component systems form an eutectic mixture.</p>
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<p>Chemistry of Elements of 1st Transition series 00:19:17:14 2005 B/AHM/3/610</p> <p>Producer : Krishna Rao</p> <p>Explains about the modern periodic table, its classification in relation to elements of 1st transition series.</p> <p>Phase Diagram – Two Component System : Solid-Liquid Systems Episode-6 00:30:14:00 2006 B/AHM/3/608</p> <p>Producer : Krishna Rao</p> <p>Phase Diagram – Two Component System : Salt Water System Episode-7 00:35:27:00 2006 B/AHM/6/210</p> <p>Producer : Krishna Rao</p> <p>Phase Diagram – Two Component System : Condensed Phase Diagram Episode-8 00:34:14:00 2006 B/AHM/6/210</p> <p>Producer : Krishna Rao</p> <p>Organic Chemistry – Electro Magnetic Spectrum Episode-1 00:20:30:00 2006 B/AHM/6/212</p> <p>Producer : Krishna Rao</p> <p>Organic Chemistry – Ultra Violet & Visible Spectroscopy Episode-2 00:31:05:00 2006 B/AHM/6/212</p> <p>Producer : Krishna Rao</p> <p>Organic Chemistry – Infrared Spectroscopy Episode-3 00:28:00:00 2006 B/AHM/3/656</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Solid Liquid System : Episode-6 00:35:27:00 2006 B/AHM/6/</p>	<p>210</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Two Component System- Salt-water System Episode-7 00:30:14:00 2006 B/AHM/3/608</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Two Component System- Condensed phase diagrams Episode-8 00:34:46:00 2006 B/AHM/6/210</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Liquid Gas & Liquid Vapour Equilibrium Episode-9 00:28:31:13 2006 B/AHM/3/549</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Liquid Vapour Equilibrium Fractional Distillation Ideal Liquid Mixture Episode – 10 00:32:18:16 2006 B/AHM/6/214</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Liquid Vapour Equilibrium Fractional Distillation Non Ideal Liquid Mixture Episode – 11 00:33:53:12 2006 B/AHM/6/215</p> <p>Producer : Krishna Rao</p> <p>Physical Chemistry Liquid - Liquid Equilibrium Episode – 12 00:39:55:08 2006 B/AHM/6/218</p> <p>Producer : Krishna Rao</p> <p>General Properties of Transitions : Elements Part-1 00:20:47:00 2006 B/AHM/3/447</p> <p>Producer : Krishna Rao</p>
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General Properties of Transitions : Elements Part-2	00:24:15:03	2006	B/AHM/3/584
Producer : Krishna Rao			
Chemical Kinetics & Catalysis : Episode-1	00:34:03:00	2008	B/AHM/3/717
Producer : Hemant Upadhyaya			
Chemical Kinetics & Catalysis : Episode-2	00:19:10:22	2008	B/AHM/3/718
Producer : Hemant Upadhyaya			
Chemical Kinetics & Catalysis : Episode-3	00:34:41:00	2008	B/AHM/6/237
Producer : Hemant Upadhyaya			
Chemical Kinetics & Catalysis : Episode-4	00:14:52:08	2008	B/AHM/3/719
Producer : Hemant Upadhyaya			
Chemical Kinetics & Catalysis : Episode-5	00:12:43:23	2008	B/AHM/3/720
Producer : Hemant Upadhyaya			
Physical Chemistry Chemical Kinetics : Part-1	00:28:35:00	2008	B/AHM/3/752
Producer : Hemant Upadhyaya/ Dinesh Goswami			
Physical Chemistry Chemical Kinetics : Part-2	00:25:00:00	2008	B/AHM/3/754
Producer : Hemant Upadhyaya/ Dinesh Goswami			

Physical Chemistry Chemical Kinetics : Catalysis :Part-6	00:28:31:00	2008	B/AHM/3/743
Producer : Hemant Upadhyaya/ Dinesh Goswami			
Physical Chemistry Chemical Kinetics : Part-7	00:33:00:00	2008	B/AHM/3/744
Producer : Hemant Upadhyaya/ Dinesh Goswami			
Physical Chemistry Chemical Kinetics : Part-8	00:35:00:00	2008	B/AHM/3/750
Producer : Hemant Upadhyaya/ Dinesh Goswami			
Chemical Kinetics & Catalysis : Kinetics Part-3	00:26:00:00	2008	B/AHM/3/790
Producer : Hemant Upadhyaya/ Dinesh Goswami			
Chemical Kinetics & Catalysis : Kinetics Part-4	00:33:00:00	2008	B/AHM/3/792
Producer : Hemant Upadhyaya/ Dinesh Goswami			
Chemical Kinetics & Catalysis : Kinetics Part-6	00:35:00:00	2008	B/AHM/3/794
Producer : Hemant Upadhyaya/ Dinesh Goswami			
LIFE SCIENCE			
Digestion	00:22:50:00	1985	GUB-14
Producer: Rajesh Jhaveri			

Evolution of Man	00:26:55:00	1986	GUC-53
Producer: Rajesh Jhaveri			
Theory of Evolution	00:27:53:00	1986	GUB-82
Producer: Rajesh Jhaveri			
The program deals with the theories of evolution by Charls Darwin, Jean Lamark and Gragore Mandal.			
Growth in Animals	00:10:10:00	1987	GUB-119
Producer: Rajesh Jhaveri			
Different aspects of animal growth, its regulation and factors controlling growth have been highlighted.			
Reproduction in Animals	00:27:25:00	1987	GUB-119
The structural and functional aspects i.e. physiology of reproduction in animals, its regulation / control as well as source reproductive disorders have been considered.			
MATHS			
Popularize Mathematics ? Part-1	00:16:23:00	1986	GUB-99
Producer: Himanshu Trivedi			
Popularize Mathematics ? Part-2	00:16:55:00	1986	GUB-99
Producer: Himanshu Trivedi			
Part I & II: The them is how do they try to popularize maths and make it simpler in reference to students society and mathematically talented students.			
To draw a Regular Polygon – Construction of 17-GON	00:21:25:00	1988	GUB-159
Producer: Himanshu Trivedi			
Srinivasa Ramnujan	00:21:21:00	1988	GUB-159
Producer: Himanshu Trivedi			

ZOOLOGY			
Introduction to Animal Behaviour	00:09:38:00	1983	GUB-3
Producer : V.O. Joseph (SAC/UGC/EMRC WORKSHOP)			
Snakes – Know them well	00:12:50:00	1983	GUB-2
Producer : Bharat Dave (SAC/UGC/EMRC WORKSHOP)			
Control and Regulations of Body Functions	00:19:45:00	1984	GUB-3
Producer: V.O. Joseph (SAC/EMRC)			
Growth and Reproduction in Animals	00:25:42:00	1985	GUB-24
Producer: Rajesh Jhaveri			
Support, Locomotion & Movement in Animals	00:27:40:00	1985	GUB-29
Producer: Rajesh Jhaveri			
Excretion	00:21:20:00	1985	GUB-35
Producer: Rajesh Jhaveri			
Circulatory System Part-1	00:22:11:00	1985	GUB-35
Producer: Rajesh Jhaveri			
This program deals with characteristics and functions of blood. Study of blood in clinical diagnosis is also dealt.			
Circulatory System Part-2	00:17:46:00	1985	GUB-34
Producer: Rajesh Jhaveri			
Reptiles Crawling Creatures	00:16:40:00	1989	GUB-298
Producer: Ashok Mewada (Manipur)			
The program starts with the brief history of extinct reptiles like dinosaurs. Different characteristics of reptiles like external covering, locomotion, food habits, defense behaviour and			

reproduction are discussed in detail in the programme.

Artificial Spawning In Frog

00:16:09:00 1992 GUB-567

Producer: Ashok Mewada

This program imparts the Knowledge of Spawning, how it can be done in laboratory situation, its techniques and some of the development stages are also explained in the program.

Cockroaches

00:12:24:00 1992 GUB-472

Producer: Durriya Latif

It talks about the evolution, species, life-cycle, food and habits of the cockroaches.

Chick Development

(A Story inside the shell)

00:14:51:00 1993 GUB-594

Producer: Ashok Mewada

The program 'Chick Development' tells about the story inside the egg shell. Different stages of the developing chick embryo i.e. 6 hrs., 18 hrs, etc.

Mystery within

Gulf of Kachh

00:16:20:00 1995 B/3/2

Producer: Ashok Mewada

This program covers the bio-diversity existing near the Gulf of Kachh in Gujarat state. The program ends with a note on environment as these creatures are dependent on each other.

A Story of an

Urban Zoo Part – 1

00:19:10:18 2004 B-3/214

Producer: Himanshu Trivedi

This program is introduction to a series which will explain the importance of zoos, their functions, etc.

A Story of an

Urban Zoo Part - 2

00:16:13:00 2004 B-6/149

Producer: Himanshu Trivedi

In this particular part the subject of conservation of wild fauna in captivity is discussed.

A Story of an

Urban Zoo Part - 3

00:21:29:00 2004 B-3/416

Producer: Himanshu Trivedi

In continuation of Part-2 more aspects of conservation are narrated.

A Story of an

Urban Zoo Part – S1

00:08:21:00 2004 B-6/149

Producer: Himanshu Trivedi

It narrates the success story of Ahmedabad Zoo breeding in captivity for Nicobar pigeons.

Polymorphic Forms of

DNA

00:17:26:08 2004 B/3/365

Producer: Rajesh Jhaveri

DNA has often been called the molecule of life. It is important to know the finer details of the DNA structure which allows the DNA to function systematically.

Structure of Cell

00:22:30:18 2004 B/6/141

Producer: Rajesh Jhaveri

It presents the knowledge of the building block or basic unit of the living organism like the brick is for building. The conceptual development of the information regarding this i.e. cell theory is also covered.

Bio-Chemistry of

Blood: Composition

of Blood Part-1

00:26:14:24 2004 B/AHM/6-

Producer: Rajesh Jhaveri 157

Blood is defined as a liquid connective tissue found to be present in multi cellular triploblastic organism. It acts as exchanging or transporting medium.

Bio-Chemistry of

Blood: Composition

of Blood Part-II

00:24:48:04 2004 B/AHM/6-

Producer: Rajesh Jhaveri 157

This program deals with different types of plasma proteins and their properties, globulin, fibrinogen, RBCs, important functions of blood, etc.

Types & Structure of Blood

Cell – Part I

00:27:39:00 2004 B/AHM/6-

Producer : Rajesh Jhaveri 173

Human blood consists of 45% cells and 55% plasma. Blood cells includes RBC, WBC & platelets.		
Types & Structure of Blood Cell – Part II		
00:19:08:00	2004	B/AHM/6-173
Producer : Rajesh Jhaveri		
Platelets like RBC, are non-nucleated but oval shaped. They are mainly responsible for blood coagulation and hem stasis.		
Biochemistry of Blood – Blood Grouping Part-I		
00:17:13:00	2004	B/AHM/6-172
Producer : Rajesh Jhaveri		
Karl Land Steiner discovered ABO blood group system, later on other blood group systems have been discovered.		
Biochemistry of Blood – Blood Grouping Part-II		
00:21:11:00	2004	B/AHM/6-172
Producer : Rajesh Jhaveri		
The procedure of determination of Rh is same as ABO blood group. The study of Rh is useful in blood transfusion and risk during pregnancy.		
Biochemistry of Blood – Blood Preservation & Transfusion		
00:25:10:00	2004	B/AHM/6-171
Producer : Rajesh Jhaveri		
The proper collection of blood, preservation of blood or its components and supply of blood as per need are effective functions of blood bank.		
A Story of an Urban Zoo - S2 (Suppl. Prog.)		
00:10:13:00	2005	B-3/418
Producer : Himanshu Trivedi		
It's a success story of Ahmedabad Zoo for the successful breeding of Rosy Pelican, rated as in the category of Schedule-1 endangered species.		
A Story of an Urban Zoo – Part-4		
00:17:18:00	2005	B-3/415

Producer : Himanshu Trivedi		
In this particular part of the series the rules and regulation for the optimum results in zoo management are explained.		
A Story of an Urban Zoo - Part-5		
00:18:35:13	2006	B/AHM/3/474
Producer : Himanshu Trivedi		
This part explains the management of the zoo. Here rules which regulates the most needed manpower is explained.		
A Story of an Urban Zoo - Part-6		
00:19:24:23	2006	B/AHM/3/475
Producer : Himanshu Trivedi		
This programme tries to relate the importance of zoo for the students of veterinary sciences, zoology & environmental sciences.		
A Story of an Urban Zoo - Part-7		
00:20:25:13	2006	B/AHM/3/631
Producer : Himanshu Trivedi		
This programme explains the relations of zoo with the education of urban planning & painting.		
SCIENCE & TECHNOLOGY		
Bio-technology and Its applications		
00:07:10:00	1990	GUB-326
Producer: Ashok Mewada		
This program gives information about the fastest growing applied science of biotechnology.		
A programme on Dr. C.V. Raman: “Raman the Inspirer”		
00:15:31:00	1992	GUB-551
Producer: Rajesh Jhaveri		
EMRC Quicky A Science Lab Today (for August 15, 1993 special programmes)		
00:56:2:07	1993	GUA-859
Producer: Malti Mehta		

<p>Plant Growth Regulators: Upcoming Bio-technology 00:16:11:00 1993 GUB-612 Producer: Ashok Mewada</p> <p>The program 'Plant Growth Regulators – Upcoming Biotechnology' tells about different plant growth promoters as well as plant growth regulators.</p> <p>Corrosion in industries - Causes & Control Part-1 00:23:40:00 1993 GUB-621 Producer: Malti Mehta</p> <p>The technically important metals such as iron, aluminium, copper, nickel and their alloys – all deteriorate in environment and lose good mechanical properties. In this program, various kinds of corrosion attacks caused either due to atmospheric conditions or due to lack of proper attention, are explained with examples.</p> <p>Corrosion in industries - Causes & Control Part-2 00:14:53:00 1993 GUB-621 Producer: Malti Mehta</p> <p>Corrosion is a menacing problem faced by most industries. Great importance is being given to manage corrosion and to control the quality and reliability of the hardwares in the industries.</p> <p>A talk on Tissue Culture by Dr. Madhuri Sharon 00:19:45:00 1994 GUB-594 Producer: Ashok Mewada</p> <p>Dr. Madhuri Sharon shares the idea of what is tissue culture and what are the advantages of tissue culture.</p> <p>Material Testing Part-1 00:21:40:00 1996 B/6/20 Producer: Malti Mehta</p> <p>This programme includes three tests namely Tension Test, Compression Test and Shear Test. From this, we can obtain various properties of materials such as Tensile Strength, Crushing Strength, Modulus of Elasticity, percentage of elongation of reduction in area and shear strength of material.</p>

<p>Material Testing Part-2 00:18:31:00 1996 B/6/20 Producer: Malti Mehta</p> <p>This program includes the hardness test, Izod impact test, beam charpy test and transverse test, which are useful in ascertaining properties of materials in indentation against blow and during transverse loading.</p> <p>Desalination Technology Part-1 - Introduction 00:11:07:22 2000 B/6/62 Producer: Malti Mehta</p> <p>The purpose of this docudrama is to give an overview about the grim scenario of brackish and saline water. Focus is to generate a feeling of doing something about rectifying this.</p> <p>Desalination Technology Part-2 - Reverse Osmosis 00:21:20:18 2000 B/6/62 Producer: Malti Mehta</p> <p>To create an awareness regarding the absolutely imperative need to desalinate brackish and saline water, thrust of this program is to inform and educate the viewers about membrane technology. This program covers Reverse Osmosis – its principle, applications and benefits.</p> <p>Desalination Technology Part-3 - Electrodialysis 00:14:00:06 2000 B/6/62 Producer: Malti Mehta</p> <p>This third and the last program in the series, deals with Electrodialysis in particular and Bipolar Membrane Technology. Bipolar Membrane Technology can solve the problem of disposal of concentrated waste by converting salt to valuable acid and alkali – this also is dealt with in the programme.</p> <p>Telemedicine Part-1 : An Introduction 00:29:00:00 2008 B/AHM/3/734 Producer : Hemant Upadhyaya/ Dinesh Goswami</p> <p>The first part of presentation was covered with what and why a telemedicine technology which includes telemedicine, meaning of word, history, current health scenario of country and benefits of telemedicine.</p>

<p>Telemedicine Part-2 : How telemedicine Works? 00:17:25:00 2008 B/AHM/3/ 738 Producer : Hemant Upadhyaya/ Dinesh Goswami</p> <p>This programme is meant for doctors, students and rural people and for all who are concerned for getting good health care.</p>		
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> SOCIAL SCIENCE </div>		
<p>Dreams 00:21:11:00 1988 GUB-131 Producer: Vismay Shah</p> <p>It throws some light on the content, process and purpose of dreams. It also talks about sleep cycle and its relation to dreams.</p>		
<p>Little about Sleep Little about Dream Part-I (NID Student Project) 00:22:56:00 1988 GUB-213 Producer: Himanshu Trivedi</p> <p>This film talks about sleep cycle, day dreaming and dreams – their purpose, when they occur, etc.</p>		
<p>Little about Sleep Little about Dream Part-II (NID Student Project) 00:14:01:00 1988 GUB-213 Producer: Himanshu Trivedi</p> <p>This talks about the various states of mind, Freud's theory and the types of dreams.</p>		
<p>“Ame re suka van ni charkaldi” (Gujarati) 00:28:52:00 1990 GUB-344 Producer: Malti Mehta</p>		
<p>Child in Margin (The Lesser Child) 00:20:29:00 1990 GUB-344 Producer: Malti Mehta</p>		
<p>Bhatwar Kyoon? 00:04:22:00 1990 GUA-544 Producer: CDC Students</p>		
<p>Youth & Frustration 00:19:27:00 1991 GUB-419</p>		

<p>Producer: Ashok Mewada</p> <p>The program ‘Youth and Frustration’ explores reasons of frustration among young people. In most of the cases frustration occurs due to inability to choose right thing in the field of education and profession.</p>		
<p>The Unwanted Child 00:04:37:00 1991 GUA-650 Producer: Deval Bhatt, SNTD</p> <p>This program portrays the discrimination against the girl child in the Indian society and analyses the reasons for it.</p>		
<p>The Little Working Hands 00:06:06:00 1992 GUB-530 Producer: Vaidehi Menon, Pune</p> <p>The existence of a socially immoral practice of child labour and the possible solution to reduce or eradicate this problem.</p>		
<p>It's never too late 00:07:19:00 1992 GUB-530 Producer: Sucheta Phadke, Pune</p> <p>The program deals with the importance of adult education and that if the community helps, the literacy rate in India will increase.</p>		
<p>The Untold Story 00:05:09:00 1992 GUB-533 Producers: Arjun Bali/Nimmi/Paresh Dave, CDC</p> <p>The program titled ‘The Untold Story’ deals with the evolution of the Moon.</p>		
<p>Social Reform movement In Gujarat Narmad & His time Part-1 00:29:21:00 1992 GUB-577 Producer: Vismay Shah</p> <p>Here, we see how the European Renaissance and the western thoughts influenced the Indian minds. The British unconsciously became responsible for the wind of social change and the movement of social reform was triggered off.</p>		
<p>Social Reform movement In Gujarat Narmad & His time Part-2 00:28:01:00 1992 GUB-570 Producer: Vismay Shah</p>		

The program begins with a survey of the existing system of education at the beginning of the 19th century. Various British policies which helped in growth of English education in the Bombay presidency and the beginning of women's education.

Social Reform movement

In Gujarat

Narmad & His time

Part-3

00:27:19:00 1992 GUB-578

Producer: Vismay Shah

We also have a concise account of the role of Parsees where in Dr. Ratan Marshal talks about the contribution of Parsees to the social reform movement in Gujarat.

Social Reform movement

In Gujarat

Narmad & His time

Part-4

00:29:28:00 1992 GUB-578

Producer: Vismay Shah

In part-4 of the series we begin with a concise history of Surat. History of Ahmedabad, the third major centre of reform in Gujarat is also covered in this part. We take a concise view of the role of Kavi Dalpatram, the Gujarat Vernacular society and its journal Buddhi Prakash in the social reform movement in Ahmedabad.

Social Reform movement

In Gujarat

Narmad & His time

Part-5

00:24:25:00 1993 GUB-565

Producer: Vismay Shah

Part-5 of the series begins with a recapitulation of earlier 4 parts. This part focuses on the life of Kavi Narmad. In college days, Narmad became a member of Students' Literary and Scientific Society. In 1853, Narmad returned to Bombay – after his wife's death to rejoin the main stream of activities in the changing environment.

Social Reform movement

In Gujarat

Narmad & His time

Part-6

00:25:03:00 1993 GUB-583

Producer: Vismay Shah

Part-6 of the series deals with Narmad's return to Bombay. The year 1857 one of the most memorable time of Indian History. This part gives a brief account of rebellion in India and Gujarat.

Social Reform movement

In Gujarat

Narmad & His time

Part-7

00:23:47:00 1993 GUB-583

Producer: Vismay Shah

Part-7 shows us how Narmad emerges as an eminent Social Reformer and a Literary Personality. We viewed their contribution to the reform movement, girls' education and widow remarriage.

Social Reform movement

In Gujarat Narmad & His time

Part-8

00:26:17:00 1993 GUB-592

Producer: Vismay Shah

We take a concise view at the life of Karsandas Mulji and his contribution to the reform movement. Shri Prakash Shah narrates the details of this case to us. Shri Bhagvatikumar Sharma talks to us about Dandiyo and its contribution to journalism.

Social Reform movement

In Gujarat Narmad & His time Part-9

00:32:19:00 1993 GUB-592

Producer: Vismay Shah

In Part-9 of the series, we visit Narmad's "Sarasvati Mandir" at Surat. The moral and mental stress of the struggle changes the inner self of Narmad. His end comes on 26th February 1886 at the age of 53.

Social Reform movement

In Gujarat Narmad & His time Part-10

00:30:00:00 1993 GUB-600

Producer: Vismay Shah

In the 10th and the concluding part of the series Shri Manubhai Pancholi talks about Narmad's life; his poetry and his contribution to social welfare.

Forest Settlements in Gir

00:23:59:00 1993 GUB-601

Producer: Malti Mehta

Forest management, primarily needs human resources. In this program, the Gir forest settlements are being described with a focus on the current problems these settlers facing and the adequate steps being taken by the forest department.

Child Labour

Part-1

The Real Children of a Lesser God

00:23:38:00 1997 B/3/129

Producer: Vismay Shah

The magnitude of child labour, definition of child labour, the horribly hazardous conditions in which the children are working in different industries, the causes of child labour, certain myths and realities about child labour, free and compulsory education verses child labour etc. is narrated in the programme with the visuals of child labour.

Child Labour

Part-2 Economic Aspects

00:19:38:00 1998 B/6/74

Producer: Vismay Shah

Prof. Rohit Shukla discusses that Child Labour is a very serious problem in the developing world. There is a direct link between unemployment of adult people and employment of child labour. Prof. Indira Hiruay discusses about various international pressures and organizations working against child labour and their impact on Indian economy and child labour.

Child Labour

Part-3 Legal Aspects

00:17:54:00 1998 B/6/74

Producer: Vismay Shah

Prof. Girish Patel discusses Article 21, Article-23, Article-29 E & F and Article-45 of the constitution and proves that Constitution of India really prohibits Child Labour.

Child Labour Part-4

Approaches to Solution

00:19:28:00 1998 B/6/74

Producer: Vismay Shah

In this programme four experts give their approaches for the solution of the problem of Child Labour.

Indian Women:

Liberated?

A Photo Essay

00:25:37:00 1998 B/3/152

Producer: Malti Mehta

This programme focuses on a broad range of issues that affect every woman. How much freedom a woman has achieved to choose and express herself in last 50 years of independence is theme of the programme.

Chhoti Chhoti Putalioke

Badi Badi Batei (Hindi)

00:06:07:00 2004 B-3/377

Producer: Dr. Ila Joshi

A childless woman who is cursed by her in-laws followed the advise and go to 'TANTRIK' for the remedy. But a social worker stopped her and helped her to get proper medical advise.

Mang Jai Hai (Hindi)

00:09:03:00 2004 B/AHM/6-178

Pause for a Thought

00:24:53:00 2005 B/AHM/3-536

Producer : Malti Mehta

Four experts talk about the role of a teacher, parents, family and friends in the development of the mental health and overall personality of young girls. Young boys and girls bring out various issues like freedom to choose discipline of study and career path, competition, jealousy, peer pressure, etc.

Home Science :

Extension of Women

Power Part-1

00:15:04:00 2005 B/AHM/3/582

Producer : Dr. Ila Joshi

Home Science extension education empowers women from the cross section of the society. Bhavai : Gujarati folk theatre and puppets are used for the purpose.

Women of Japan

-from Kyoikumama to Deru kugi

00:18:50:00 2007 B/AHM/3/689

Producer : Malti Mehta

This documentary deals with the status of women in Japan – in past & present. It also gives an insight of future possibilities of breaking the wall of discrimination.

Gandhi Katha – Part - 1		
Gandhi Katha ke Uddesh (Hindi)		
00:28:08:00	2008	B/AHM/3/298
Producer : Vismay Shah		
Gandhi Katha is a series on Gandhiji's life, work and thoughts. Shri Narayanbhai was stayed with Mahatma Gandhi for 23 years discusses the aims of Gandhi Katha.		
Gandhi Katha Part-2 :		
Gandhiji ki Lakshaniktayen		
00:31:12:15	2008	B/AHM/3/723
Producer : Vismay Shah		
In this programme different qualities (characteristics) of Mahatma Gandhi is discussed. His relevance in today's world is highlighted.		
Gandhi Katha Part-3 :		
Bachpan (Charitra Gathan ka Varsh)		
00:26:45:23	2008	B/AHM/3/724
Producer : Vismay Shah		
The childhood or in other words the character building years of Mahatma Gandhi is described in this programme.		
Gandhi Katha Part-4 ;		
Vishwa Nagarikata ka Sparsh (England me Adhyayan)		
00:33:35:05	2008	B/AHM/3/725
Producer : Vismay Shah		
Gandhiji was very average student and was not interested in studies. But when he decided to go to England and became barrister, he found a goal for his studies and only then he could take interest in studies.		
Gandhi Katha Part-5 :		
Mohan se Mahatma (Dakshin Africa ka Sadhana kaal)		
00:28:46:00	2008	B/AHM/3/726
Producer : Vismay Shah		
Mahatma Gandhiji's life in South Africa is discussed in this programme. He went to South Africa as a lawyer to earn money.		

Gandhi Katha Part-6 :		
Sadhana		
00:32:53:03	2008	B/AHM/3/728
Producer : Vismay Shah		
This programme explains how transformation in Gandhiji's life took place in South Africa.		
Gandhi Katha Part-7 :		
Satya ke Path Par		
00:30:59:20	2008	B/AHM/3/729
Producer : Vismay Shah		
Gandhi Katha Part-8:		
Kshama Virasya Bhushanam (Hindi)		
00:29:13:24	2008	B/AHM/3/730
Producer : Vismay Shah		
Gandhi Katha Part-9 :		
Hind Swaraj		
00:23:08:17	2008	B/AHM/3/731
Producer : Vismay Shah		
Gandhi Katha Part-10 :		
Kasturba ke Nethrutua Me Safal Satyagraha		
00:16:31:07	2008	B/AHM/3/776
Producer : Vismay Shah		
Gandhi Katha Part-11 :		
Ahinsak Aantholan ki Pehli Kuch		
00:26:48:11	2008	B/AHM/3/777
Producer : Vismay Shah		
Gandhi Katha Part-12 :		
Bharat Hriday Pravesh		
00:30:04:14	2008	B/AHM/3/779
Producer : Vismay Shah		
Gandhi Katha Part-13:		
Satya Aur Saundarya ka Sangam		
00:22:22:01	2008	B/AHM/3/780
Producer : Vismay Shah		

SPACE SCIENCE

**Space Technology
And Changing
Concepts in Science**

00:23:31:00 1985 GUB-60
Producer: Rajesh Jhaveri

**Satellite Applications
For Earth Sciences –
A lecture by**

Dr. P. Krishna Rao
00:42:54:00 1985 GUB-61
Producer: Himanshu Trivedi

This program gives some examples of space technology and how it is used for environmental applications like meteorology, hydrology, oceanography and agriculture and the interpretation of satellite images obtained for various studies.

**Space Science &
Development – 1
(Prof. E.V. Chitnis
& S.I. Rasool)**

00:17:20:00 1985 GUB-66
Producer: DECU/EMRC

**Space Science &
Development – 2
(Prof. Vijay Mulay,
Mr. Karnik, Me. Abiodum)**

00:20:20:00 1985 GUB-66
Producer: DECU/EMRC

**Space Science &
Development – 3
(Talk on Fascination
and use of outer
space) Prof. P.D.**

**Bhavsar & Sir
Herman Bondy**
00:19:05:00 1985 GUB-66
Producer: DECU/EMRC

**Interview with
Prof. A. Hewish
Inter-planetary
Disturbances Part-I**

00:18:22:00 1988 GUB-210
Producer: Rajesh Jhaveri

**Interview with
Prof. A. Hewish**

**Interplanetary
Disturbances Part-II**

00:15:34:00 1988 GUB-210
Producer: Rajesh Jhaveri

I & II: The program deals with the Discovery of Cambridge Pulsar 1919 which brought Nobel Prize to Dr. A. Hewish. The Radio Telescopes at various points can help detecting the pulsars and its effect on earth can be predicted.

**An interview with
Prof. A. Hewish Pulsar
The Celestial Clocks**

00:32:43:00 1988 GUB-152
Producer: Rajesh Jhaveri

The program is in interview format with the Nobel Laureate Prof. Antony Hewish of the Cambridge University, U.K. about the Pulsars, super Novae and the Neutron stars and its importance in Radio Astronomy.

**Story of our Universe
Part-I**

00:16:50:00 1988 GUB-231
Producer: Himanshu Trivedi

These programmes explain the story of our universe with the help of various theories. The main points explained in each of the parts.

**Story of our Universe
Part-II**

00:22:10:00 1988 GUB-231
Producer: Himanshu Trivedi

This part deals with the Doppler effect, the Red shift and the Algebra of Red shift, the laws of thermal radiation, Wien's displacement law, Rayleigh-Jean's law, Stefan-Boltzman's law and Planck's law.

**Story of our Universe
Part-III**

00:16:35:00 1988 GUB-235
Producer: Himanshu Trivedi

This part covers the theories of the universe. The program looks at the evidence for the Big Bang theory and the thermal history of the Universe.

**Story of our Universe
Part-IV**

00:20:25:00 1988 GUB-235
Producer: Himanshu Trivedi

Here we have the relative motion of observers and the basis for relativity, the Space time diagram, Riemannian Geometry, the general theory of relativity and matrices as well as the experimental corroboration of the theory.

Story of our Universe

Part-V

00:21:01:00 1988 GUB-235

Producer: Himanshu Trivedi

This part contains the empirical formula for the Red shift of galaxies, an algebra to find the critical density of the Universe and an explanation of the critical density of the universe.

Story of our Universe

Part-VI

00:09:48:00 1988 GUB-239

Producer: Himanshu Trivedi

This part recapitulate the questions posed by the earlier parts and give references for further reading.

A lecture by

Prof. Philip Morrison

'The Cosmos in two

Acts – Newton &

Anti Newton Part-I

00:15:28:00 1989 GUB-265

Producer: Ashok Mewada

A lecture by Prof. Philip Morrison – The cosmos in two Acts – Newton & Anti-Newton – Part-I. He has explained the Act-1 – Newton by giving different examples.

A lecture by

Prof. Philip Morrison

'The Cosmos in two

Acts – Newton &

Anti Newton Part-II

00:22:45:00 1989 GUB-265

Producer: Ashok Mewada

In this part, he discussed the act-2 – anti-Newton in detail.

Space Communications

Part-1

Introduction to

Space Communications

00:20:09:00 1989 GUB-163

Producer: Rajesh Jhaveri

Space Communications

Part-2

Principles of Space

Communications

00:24:12:00 1989 GUB-163

Producer: Rajesh Jhaveri

Space Communications

Part-3

Frequency Bands used

For Space

Communications

00:15:53:00 1989 GUB-163

Producer: Rajesh Jhaveri

Space communications

Part-6

Ground Segment

00:20:40:00 1989 GUB-211

Producer: Rajesh Jhaveri

Space Communications

Part-7

Launching a Spacecraft

into a Geostationary

Orbit

00:22:43:00 1989 GUB-112

Producer: Rajesh Jhaveri

Space Communications

Part-8

Modulation and

Demodulation

00:13:50:00 1989 GUB-209

Producer: Rajesh Jhaveri

Introduction to

Remote Sensing

Part-I

00:14:33:00 1990 GUB-295

Producer: Rajesh Jhaveri

Introduction to

Remote Sensing

Part-II

00:22:57:00 1990 GUB-295

Producer: Rajesh Jhaveri

Remote Sensing:

Sensors

00:22:46:00 1990 GUB-366

Producer: Rajesh Jhaveri

Remote Sensing:

Interaction of

Radiation with

Matter

00:24:54:00 1990 GUB-366

Producer: Rajesh Jhaveri

Remote Sensing Orbits for Earth Observations Part-I	00:20:51:00	1991	GUB-395
Producer: Rajesh Jhaveri			
Remote Sensing Orbits for Earth Observations Part-II	00:16:55:00	1991	GUB-410
Producer: Rajesh Jhaveri			
Remote Sensing: Platforms for Earth Observations Part-I	00:21:27:00	1991	GUB-410
Producer: Rajesh Jhaveri			
Remote Sensing: Platforms for Earth Observations Part-II	00:22:03:00	1991	GUB-295
Producer: Rajesh Jhaveri			
Remote Sensing: Data Transmission	00:20:29:00	1991	GUB-410
Producer: Rajesh Jhaveri			
Space Communications For Business Applications	00:30:36:00	1991	GUB-429
Producer: Rajesh Jhaveri			
Space Communications For Educational Applications Part-II	00:24:05:00	1991	GUB-437
Producer: Rajesh Jhaveri			
Remote Sensing: History of Remote Sensing	00:22:49:00	1991	GUB-435
Producer: Rajesh Jhaveri			
Remote Sensing For National Development	00:26:12:00	1991	GUB-482
Producer: Rajesh Jhaveri			

Applications of Remote Sensing Part-I	00:26:08:00	1991	GUB-464
Producer: Rajesh Jhaveri			
Microwave Sensors	00:32:45:00	1991	GUB-481
Producer: Rajesh Jhaveri			
Microwave sensors belong to a class of Modern Remote Sensing instruments used from air born and space born platforms for imaging the earth and the atmosphere. This presentation deals with the basic principles of microwave sensors and development made in this field in ISRO and elsewhere.			
Remote Sensing: Image Processing And Data Products	00:28:22:00	1991	GUB-488
Producer: Rajesh Jhaveri			
Remote Sensing: Principles of Image Analysis	00:27:18:00	1991	GUB-463
Producer: Rajesh Jhaveri			
Remote Sensing NNRMS: National Natural Resource Management System	00:33:05:00	1991	GUB-463
Producer: Rajesh Jhaveri			
Remote Sensing: Signature and Ground Truth	00:27:31:00	1991	GUB-436
Producer: Rajesh Jhaveri			
The lecture explains the basic concepts of signatures used to identify and discriminate objects using remotely sensed data. The four major characteristics of signatures i.e. spectral, spatial, temporal and polarization.			
Remote Sensing Ground Water	00:22:14:00	1992	GUB-464
Producer: Rajesh Jhaveri			
Remote Sensing Summing up	00:28:00:00	1992	GUB-434
Producer: Rajesh Jhaveri			

<p>Future Trends in Space communications Part-I 00:21:25:00 1993 GUB-528 Producer: Rajesh Jhaveri</p> <p>Future Trends in Space communications Part-II 00:21:00:00 1993 GUB-528 Producer: Rajesh Jhaveri</p> <p>In this segment of the programme the future trends in Space communications particularly in the area of mobile communications are discussed. The use of inter-satellite links is also discussed along with certain aspects of navigation, position location systems.</p> <p>Collision The Heavenly Hand shake Part-I 00:23:38:00 1993 GUB-586 Producer: Himanshu Trivedi</p> <p>There was lot discussion about the next return of Comet Swift-Tuttle. It was computed, about its next orbit that it is going to hit the Earth when it comes next in AD 2126. This is an introduction to the problem.</p> <p>Collision The Heavenly Hand shake Part-II 00:21:50:00 1993 GUB-586 Producer: Himanshu Trivedi</p> <p>This part deals with detailed information about asteroids, comets.</p> <p>Collision The Heavenly Hand shake Part-III 00:23:50:00 1993 GUB-587 Producer: Himanshu Trivedi</p> <p>This part deals with the subject more closely. It explains the situation with more scientific details. Futuristic planning about such events has been discussed.</p> <p>Collision The Heavenly Hand shake Part-IV 00:19:50:00 1993 GUB-587 Producer: Himanshu Trivedi</p> <p>This gives the information about the past, present and future of Comet Siwft-Tuttle.</p>

<p>Collision The Heavenly Hand shake Part-V 00:21:30:00 1993 GUB-611 Producer: Himanshu Trivedi</p> <p>There appeared some events in newspapers and other media which were relevant to the subject. More appropriately this is EPILOGUE to the series.</p> <p>A star trek on Guru Shikhar (Observatory-1) 00:15:23:00 1994 GUB-460 Producer: Himanshu Trivedi</p> <p>It's a documentary on the optical observatory at Guru Shikhar. It provides information about the telescope and narrates the atmosphere in which the scientists work. It ends with areas of studies on this telescope.</p> <p>A Sunny view (Observatory-2) 00:16:45:00 1994 GUB-460 Producer: Himanshu Trivedi</p> <p>It's a documentary on Solar Observatory situated in the middle of the lake Fateh Sagar at Udaipur. The program also explain the use of observatory for different layers of Sun.</p> <p>Role of Remote Sensing in Disaster Management Part-1 00:23:05:00 1996 GUB-490 Producer: Rajesh Jhaveri</p> <p>Use of Remote Sensing and Geographic Information System are useful as Information Systems useful for management. These include before the event and after the event activities including Contingency Planning and Importance of communication system.</p> <p>Role of Remote Sensing in Disaster Management Part-II 00:19:08:00 1996 GUB-490 Producer: Rajesh Jhaveri</p> <p>Role of communication and management responsibilities are discussed in this program. Role of Geographic Information System for map generation is discussed as planning tools. Specific features of Geographic Information System and its utilization are discussed. Role of Human Resources is also discussed.</p>

Geographical Information Systems Part-1		
00:26:00:00	2008	B/AHM/3/785
Producer : Hemant Upadhyaya		
In this presentation we will learn about GIS fundamentals and principles and its role in information systems for decision support.		
Geographical Information Systems Part-2		
00:31:00:00	2008	B/AHM/3/786
Producer : Hemant Upadhyaya		
In this part we will look at more complex applications which use different mathematical models to generate scenarios for decision support.		

SPORTS

Check-mate		
00:17:55:00	1989	GUB-277
Producers: Yogesh/Neha Shah		
Khel ke Maidaan Se Ek Shrunkhala		
Hockey kee: Swarnim Iteehaas Se Swarnim Bhavishya		
Kee ore – Part-1		
00:26:34:00	2003	B/6/133
Producer: Himanshu Trivedi		
This series of program is probably first of its kind in the history of sports in the country. Lord Krishna playing the game of Gedi-Dada (Stick and Ball). This program which starts with onscreen introduction.		
Khel ke Maidaan Se Ek Shrunkhala		
Hockey kee: Swarnim Iteehaas se Swarnim Bhavishya		
Kee ore – Part-2		
00:27:59:19	2003	B/6/133
Producer: Himanshu Trivedi		
Essentially this is the story of first Olympic Gold Medal earned for our country. The story of Dhyan Chand Sa'abs hockey stick narrated by late Shri Govind Sawant.		

Khel ke Maidaan Se Ek Shrunkhala		
Hockey kee: Swarnim Iteehaas se Swarnim Bhavishya		
Kee ore – Part-3		
00:25:01:12	2003	B/6/134
Producer: Himanshu Trivedi		
In this sequence, very rare shots of London Olympics, 1948 are shown. The pictures in black and white gives the pleasure and glimpses of golden past of Indian Hockey.		
Khel ke Maidaan Se Ek Shrunkhala		
Hockey kee: Swarnim Iteehaas se Swarnim Bhavishya		
Kee ore – Part-4		
00:25:02:19	2003	B/6/134
Producer: Himanshu Trivedi		
The story of 1952, 1956 and 1960 Olympics is woven in this sequence called "Iteehaas Ke Aalam Se". This sequence is supported by very precise information and a great number of visuals.		
Khel ke Maidaan Se Ek Shrunkhala		
Hockey kee: Swarnim Iteehaas se Swarnim Bhavishya		
Kee ore – Part-5		
00:24:00:13	2003	B/6/135
Producer: Himanshu Trivedi		
Skill and Strategies: This part of the program further explain the game of Hockey. The skills of rolling, dribbling, tapping, flick, reverse swipe are explained in detail.		
Khel ke Maidaan Se Ek Shrunkhala		
Hockey kee: Swarnim Iteehaas se Swarnim Bhavishya		
Kee ore – Part-6		
00:27:30:17	2003	B/6/135
Producer: Himanshu Trivedi		
In this, the captain of Olympic – 1980 Hockey team and later the coach of Indian team Shri Vasudevan Bhaskaran remembers golden moments of his game.		
Khel ke Maidaan Se Ek Shrunkhala		

Hockey kee:
Swarnim Iteehaas se Swarnim Bhavishya Kee ore – Part-7
 00:30:00:17 2003 B/6/136
 Producer: Himanshu Trivedi

In this sequence, the matches of Atlanta – 1996 Olympics are shown.

Khel ke Maidaan Se Ek Shrunkhala
Hockey kee:
Swarnim Iteehaas se Swarnim Bhavishya Kee ore – Part-8
 00:27:59:23 2003 B/6/136
 Producer: Himanshu Trivedi

This part deals with the performance of Indian Hockey at these games. The men’s team won the gold medal and women’s team won the silver medal. In the history part further information on Olympic-2000 and preparation for that is narrated.

Khel ke Maidaan Se Ek Shrunkhala
Hockey kee:
Swarnim Iteehaas se Swarnim Bhavishya Kee ore – Part-9
 00:27:34:10 2003 B/6/137
 Producer: Himanshu Trivedi

All previous Olympians, tell their stories while they played the game. It gives the glory of Indian Hockey with the expressions of glittering success. This particular sequence discusses the various phases and try to identify the reasons for the down fall of Indian Hockey in past few decades.

Khel ke Maidaan Se Ek Shrunkhala
Hockey kee:
Swarnim Iteehaas se Swarnim Bhavishya Kee ore – Part-10
 00:28:31:24 2003 B/6/137
 Producer: Himanshu Trivedi

The fact remains that even after achieving big successes and that even after achieving goals the hockey and the player does not have great money around them. With this program the series ends and has promising note for “Golden Future”.

TRADITION

Uttarayan
 00:29:00:00 1985 GUC-7
 Producer: Sudarshan for SUVIK

Shodhyatra Part-1
 00:20:59:06 2000 B/3/163
 Producer: Malti Mehta

Every useful invention does not necessarily take place in a laboratory. Unlike most people who learn to accept their fate, a few people create their own tools for progress with their ingenuity, experience and a need to explore. In this series we try to bring such people into focus who manage to transform the world around them in however small way they can. In the first episode we talk about three such people from different regions of Gujarat.

Shodhyatra Part-2
 00:24:20:14 2000 B/3/30
 Producer: Malti Mehta

In this episode we present people who have tried to bring a revolution to farming and cultivation.

Shodhyatra Part-3
 00:24:08:20 2000 B/3/31
 Producer: Malti Mehta

This episode is about three entrepreneurs from one region of Gujarat who have tried to improve the local farming conditions and help the common man.

Shodhyatra Part-4
 00:27:12:21 2001 B/6/2
 Producer: Malti Mehta

This episode presents some ingenious people of Kachchh, Gujarat after the earthquake catastrophe.

Shodhyatra Part-5
 00:18:36:14 2001 B/6/2
 Producer: Malti Mehta

<p>We meet Shri Rajendran, Shri Duraiswami, Shri Nagaraju, Shri Karupitta and others. They are not highly educated but they have invented tools which are cheaper and can be made locally such as wind powered cooker, herbal disinfectants, etc.</p>		
<p>Shodhyatra Part-6</p>		
00:20:08:00	2002	B/6/53
<p>Producer: Malti Mehta</p>		
<p>This episode deals with some more inventors from South India who have tried preserving ancient wisdom in their treatments.</p>		
<p>Shodhyatra Part-7</p>		
00:16:47:00	2002	B/6/53
<p>Producer: Malti Mehta</p>		
<p>This program covers the region of Madurai in Tamil Nadu. It is about those people who tried solving common problems of people with inventions like coir cleaning machine, etc.</p>		
<p>Shodhyatra Part-8</p>		
00:21:10:19	2002	B/6/53
<p>Producer: Malti Mehta</p>		
<p>This episode continues with people from Tamil Nadu and Karnataka who have found cure for diseases like foot and mouth disease and jaundice and invented dust free chalk, etc.</p>		
<p>Shodhyatra Part-9</p>		
00:25:07:08	2002	B/6/129
<p>Producer: Malti Mehta</p>		
<p>This episode deals with 2 people who do impressive work in their respective fields – who made interculturator, etc.</p>		
<p>Shodhyatra Part-10</p>		
00:19:23:08	2002	B/6/129
<p>Producer: Malti Mehta</p>		
<p>In this episode we are introduced to three people from Gujarat who although are common people, have used their knowledge to invent new ways which make life easier for people.</p>		
<p>Route to Roots</p>		
00:24:32:13	2003	B/6/144
<p>Producer: Malti Mehta</p>		

<p>This program is a travelogue through the eyes of a Sakae Kaji a Japanese student of art and culture. The story unfolds enroute of the walk, and in a true sense a “Route to roots” is taken and the locations along the walk are discussed and described in detail.</p>		
<p>WEATHER</p>		
<p>Tropical Cyclones Part-I</p>		
00:16:41:00	1991	GUB-530
<p>Producers: Dhiren Avashia/Savita Hegde</p>		
<p>This program is to educate viewers (students and other audience) about the characteristics of a tropical cyclone. Prof. Pisharoty talks about characteristics associated with a Tropical Cyclones like torrential rain, high speed winds, storm tide, etc.</p>		
<p>Tropical Cyclones Part-II</p>		
00:14:38:00	1991	GUB-530
<p>Producers: Dhiren Avashia/Savita Hegde</p>		
<p>This program talks about the rainfall and wind in a bit more detail, safety measures and precautions that can be taken on an individual level to minimize loss of life and property.</p>		
<p>A programme in Paleo-climatic studies: Climatic past at Nal Sarovar</p>		
00:24:38:00	1992	GUB-561
<p>Producer: Himanshu Trivedi</p>		

