

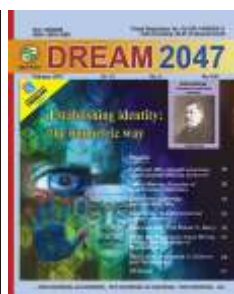
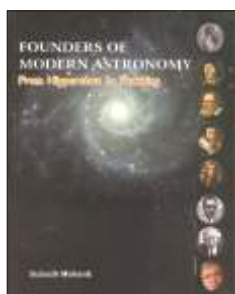
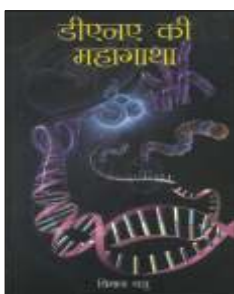


# Vigyan Prasar

Department of Science and Technology,  
Government of India



## Annual Report - 2010-2011





# ANNUAL REPORT 2010-2011



VIGYAN PRASAR

(An autonomous organisation under the Department of Science & Technology, Government of India)  
A-50, Sector - 62, Institutional Area, NCMRWF Building, NOIDA

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## DIRECTOR'S REPORT



Vigyan Prasar completes twenty years of active service to the community. The period has witnessed an increasing use of different resources to address on ever enlarging constituency.

This year under review has been very challenging. While many sections of the society have progressed and achieved high quality of life, some sections have remained marginalized in both urban and rural areas. Lack of scientific literacy will be a common factor in this segment of the society. Addressing this will be an important early step in the right direction.

Efforts by Vigyan Prasar have been directed towards this through entertaining and interesting formats. This report provides a glimpse into the work of this institute during 2010-2011.

During the current year a 13 part video serial titled "*Baaten Razz Ki*" was telecast between May to August 2010. "*Baaten Razz Ki*" programmes are produced specially for children and telecast during the summer vacation, making learning easier for them.

A 13 part new video serial titled "*Mukhaute: sach kaa chehra*" was telecast during August 2010 to November, 2010. *Mukhaute: Sach kaa Chehra* is an innovative attempt to remove the many layers of stigma and ignorance that cloak the real threat of HIV-AIDS.

A 21 part new video serial titled "Science Watch" was telecast. Science Watch was based on the new researches in the field of science and technology.

VP has entered into a MoU with Lok Sabha Secretariat collaborating with Lok Sabha Television (LSTV) in telecast of science programmes as a part of its effort to organize and conduct broadcasting services to inform, educate and entertain public guided by constitutional concerns paying special attention to the fields of education and science & technology in 2010.

Vigyan Prasar has pioneered producing a weekly science news telecast for Lok Sabha TV '*Science this Week*' in English and '*Vigyan Darpan*' in Hindi. The weekly segment covers important national and international events, discoveries and happenings in the field of science and technology, events and anniversaries during the week, an Indian science icon etc.

The broadcast of the 13 episode radio serial on "Golden Waves" based on 'Science and Technology in Modern India' started in October, 2010 from 117 stations of AIR throughout the country.

The broadcast of the 13 episode radio serial on "Colour of Life" based on 'Biodiversity of India' started in February, 2011 from 117 stations of AIR throughout the country.

Vigyan Prasar jointly with M.P. Council of Science & Technology, Bhopal is preparing script for the serial "*Baat-Gyan-Vigyan-Ni*" in Bhilli language.

During the 98th Indian Science Congress, Vigyan Prasar organized the India's First Science Film Festival at SRM University, Chennai. This festival *Rashtriya Vigyan Chalchitra Mela* was organized to facilitate, nurture, recognize and encourage science film making.

VP brought out two new titles in English, three in Hindi, one in Oriya, and two in Marathi as part of its publication programme. Five books were translated from English to Hindi. Four books each in Tamil, Telugu, Malayalam & Kannada for neoliterates are under finishing stages.

VP brought out all twelve issues of *Dream 2047* – a bilingual science magazine cum newsletter, and VIPNET news magazine for science clubs during the year. Number of subscribers of *Dream 2047* and VIPNET news is 50000 and 14500 respectively. VP is encouraging e-Version of the magazines for new subscribers.

VP website continues to be one of the most comprehensive web portals on S&T communication. New features are continuously being added and queries are attended promptly.

VP initiated and completed a number of programmes on gender communication: a week long programme on “Women’s Health and Empowerment for Prosperity and Social Change” on the occasion of International Women’s Day, 8th March 2011; a national seminar on “Gender, Technology and Communication” on the occasion of National Technology Day, 11th May 2010; and a National Meet of Women “Celebrating the Joy of Empowerment”.

Technology communication is being promoted through strategic partnerships. A technical session was organized on “Awareness Generation and Technology Communication related to climate responsive technologies” at the 8th All India People’s Technology Congress organized by Forum of Scientist, Engineers and Technologists at Kolkata in February.

Other facets of communicating technology are being explored in the field of artisanal trades, agriculture operation etc. VP conducted a number of orientation and sensitization workshops and collaborative projects in different parts of country to strengthen science clubs.

As part of International Year of Biodiversity 2010, VP initiated programmes and activities to raise awareness of the consequences of the loss of biodiversity, seeking not only to conserve biodiversity but also to promote its sustainable use.

The United Nations has been designated the year 2011 as the International Year of Chemistry (IYC - 2011) with UNESCO as the leading UN agency together with International Union of Pure and Applied Chemistry. The focal theme of the IYC-2011 is “Chemistry – Our Life, Our Future”. Vigyan Prasar has initiated a number of activities to be undertaken on the occasion of IYC-2011.

VP conducted a series of workshops for training resource persons on innovative scientific activities, astronomy and HAM radio communication.

Vigyan Prasar organized a number of press conferences harness the power of mass media for increasing its reach to the masses. On International Biodiversity Day on “Women’s Health and Empowerment for Prosperity and Social Change” and on ‘Rashtriya Vigyan Chalchitra Mela’.

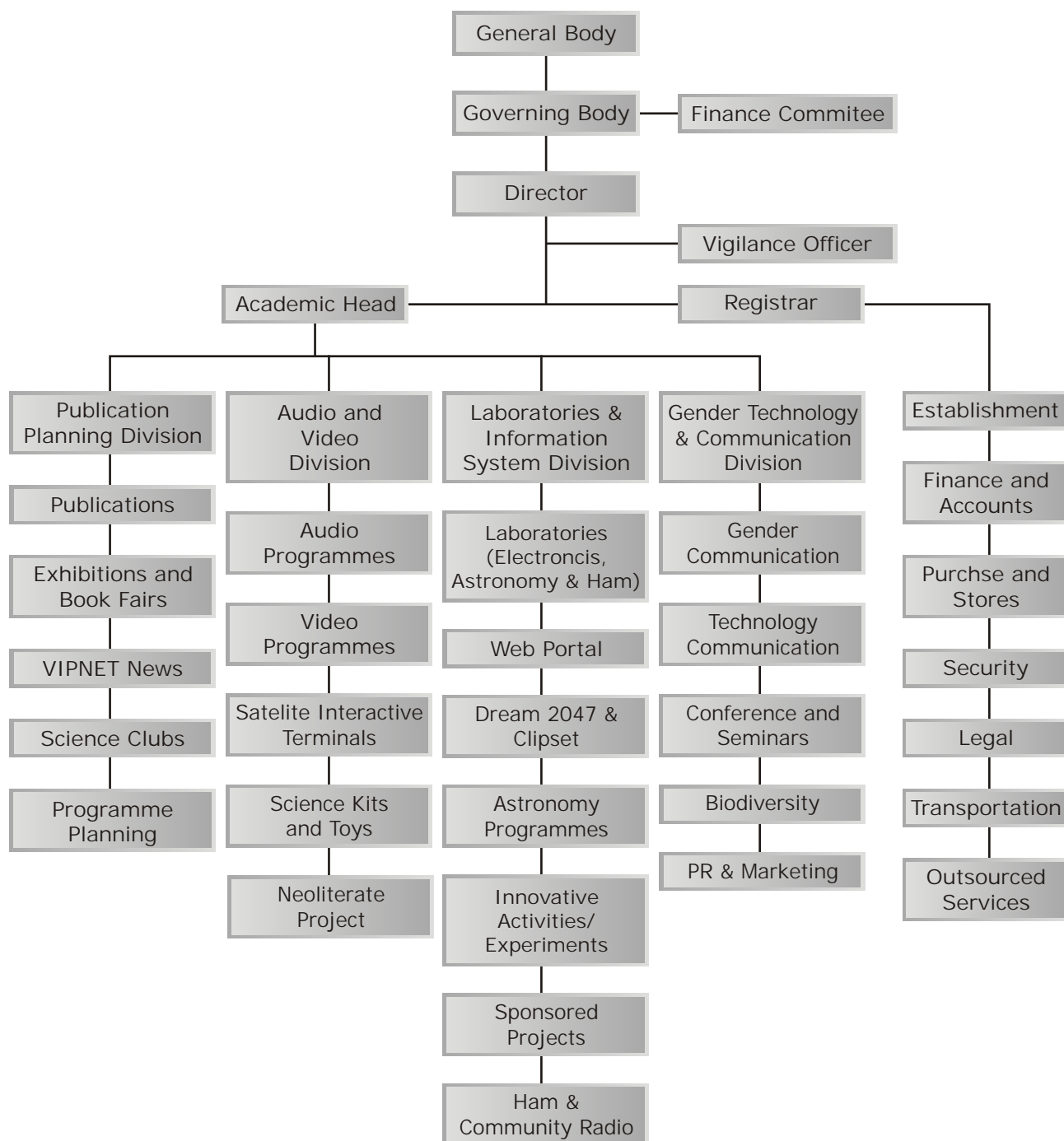
Vigyan Prasar organized National Science Day, Technology Day and Women’s Day in partnership with like minded organization to give synergy to the efforts.

Existing programmes have been strengthened and made more effective. Satellite Interactive Terminals are being upgraded to make Edusat transmission more attractive. Partnerships have been forged with Lok Sabha TV and Gyan Darshan for telecasting high quality programmes. Prasar Bharti extended free broadcast of science serial on 119 stations of A.I.R. National laboratories including National Institute of Science, Technology & Development Studies and National Institute of Science Communication and Information Resources are jointly with VP performing research programmes hosting seminars on areas of common interest, etc.

The resource development work at the institution enters an existing phase since 2011 is being celebrated as International Year of Chemistry and 2012 will be dedicated to Mathematics. We value your support in our efforts many of which have no parallels anywhere.

(Anuj Sinha)

VIGYAN PRASAR  
(ORGANISATIONAL CHART)



## COMPOSITION OF GENERAL BODY/GOVERNING BODY

### LIST OF EXISTING GENERAL / GOVERNING BODY OF VP

Sl.	Name	Designation
1.	Dr. Anil Kakodkar Homi Bhabha Chair Professor and Member, EEC Bhabha Atomic Research Centre Central Complex Trombay Mumbai -400 085	President (Gen.B)
2.	Dr. T Ramasami Secretary Department of Science and Technology Technology Bhawan New Delhi 110 016	Chairman (GB)
3.	Dr. Asis Datta President The National Academy of Sciences 5, Lajpatrai Road, New Katra Allahabad-211002 Uttar Pradesh.	Member
4.	Dr. C T S Nair Executive Vice President Kerala State Council for Science, Technology & Environment Sasthra Bhavan, Pattom Thiruvananthapuram – 695004 Kerala.	Member
5.	Director National Council for Educational Research and Training (NCERT), 3, Sri Aurbindo Marg New Delhi - 110016	Member
6.	Dr. Indira J. Parikh President Foundation for Liberal & Management Education 401, Phoenix Commercial Complex 4th Floor, Bund Garden Road Opp. Residency Club Pune-1.	Member
7.	Dr. B P Singh Head Rashtriya Vigyan Evam Prodyogiki Sanchar Parishad Deptt. of Science & Technology Technology Bhawan New Mahrauli Road New Delhi 110 016.	Member
8.	Dr. Kartikeya V. Sarabhai Director Centre for Environment Education Nehru Foundation for Development Thaltej Tekra, Ahmedabad - 380 054, Gujarat.	Member

- |     |  |                  |
|-----|--|------------------|
| 9.  | Ms. Nina Lath Gupta<br>Managing Director<br>National Film Development Corporation Ltd.<br>Discovery of India Building,<br>Nehru Centre, 6th floor,<br>Dr. A. B. Road, Worl<br>Mumbai – 400 018.                              | Member           |
| 10. | Director General<br>All India Radio<br>Akashvani Bhavan,<br>Sansad Marg<br>New Delhi 110 001   | Member           |
| 11. | Prof. N Mukunda<br>Editor of Publications IASc Chairman,<br>Science Education Panel &<br>Vice President Indian Academy of Sciences (IASc)<br>C. V. Raman Avenue<br>Post Box No. 8005<br>Sadashivanagar<br>Bangalore 560 080. | Member           |
| 12. | Shri G S Rautela<br>Director General<br>National Council of Science Museums (NCSM)<br>Block-GN, Sector-V Bidhan Nagar<br>Kolkata 700 091<br>West Bengal  | Member           |
| 13. | Shri Maurice Kujur<br>Vice Chairman<br>National Commission for Scheduled Tribes<br>6th Floor, 'B'-Wing<br>Loknayak Bhawan, Khan Market<br>New Delhi – 110003.  | Member           |
| 14. | Shri Ramji Raghavan<br>Chairman<br>Agastya International Foundation<br>79/26, 2nd Cross, Ramya Reddy Layout<br>Off Nandidurga Road Benson Town<br>Bangalore – 560046   | Member           |
| 15. | Joint Secretary & Financial Adviser<br>Department of Science and Technology<br>Technology Bhawan, New Mahrauli Road<br>New Delhi 110 016   | Member           |
| 16. | Er Anuj Sinha<br>Director Vigyan Prasar<br>NOIDA   | Member-Secretary |

- The Compositions of the Governing Body and General Body are same except that Dr. Anil Kakodkar, President of the General Body, is not a member of the Governing Body.



**COMPOSITION OF FINANCE COMMITTEE**

Sl.	Address	
1.	Dr. T Ramasami Secretary Department of Science and Technology Technology Bhawan New Delhi – 110 016	Chairman
2.	Dr. B P Singh Head, NCSTC Department of Science and Technology Technology Bhawan New Delhi – 110 016	Member
3.	JS & FA Department of Science and Technology Technology Bhawan New Delhi – 110 016	Member
4.	Er. Anuj Sinha Hony. Director Vigyan Prasar A -50, Sector – 62 NOIDA – 201 309	Member Secretary

## INTRODUCTION

Vigyan Prasar was established as an autonomous organisation under the Department of science and technology in 1989 for communication of science and technology. It promotes and propagates a scientific and rational outlook in the society, nurtures interest in science, encourages creativity and develops capacity for informed decision making.

The institute develops and disseminates original and interesting communication material for print, electronic and digital media, trains science communicators, catalyzes creative activities and conducts research in various aspects of science and technology communication.

### OBJECTIVES

The mandate of Vigyan Prasar is:

- ? To undertake, aid, promote, guide and co-ordinate efforts in communication of science and inculcation of scientific temper among the people and to increase the knowledge, awareness and interest about science and technology among all segments of the society, and to increase capacity in the common men for taking evidence based decisions

Methodology:

The institution adopts a number of effective methods to meet the above objectives. These include:

- ? Providing and promoting effective linkages on a continuing basis among various scientific institutions, agencies, educational and academic bodies, laboratories, museums, industry, trade and other organizations for effective exchange and dissemination of S&T information.
- ? Undertaking development of materials—audio, visual, audio-visual and printed—methods and modes of communication, so as to enable the masses to better understand, appreciate and comprehend abstract scientific principles and practices.
- ? Organizing research work, courses, workshops, seminars, symposia, training programmes, fairs, exhibitions, film-shows, popular discussions, street plays, quizzes, song-dance-dramas etc., in furtherance of the objectives of the Society.
- ? Participating in trade fairs, exhibitions as well as to develop syndicated features and to contribute periodically to newspapers, magazines and journals in order to disseminate and create awareness on issues of science and technology.
- ? Undertaking the design, development and construction of models, exhibits and other relevant instruments for hands-on visual and other modes of communication.

## PROGRAMMES AND ACTIVITIES DURING 2010 – 2011

### Science Programmes on Television

#### Programme on Doordarshan

- VP has entered into a MoU for collaborating with *Doordarshan* and All India Radio in production and telecast/ broadcast of science programmes with a view to enhance the science content of the Television and Radio. As per the MoU VP is making regular broadcast and telecast in *Doordarshan* and All India Radio. Till date, VP has produced series on health, science and sports, science in daily life, nanotechnology, science quiz, and so on.
- VP has been telecasting a weekly science programme on *Doordarshan* since 23 May 2005 on Sunday mornings. From current year VP weekly science video programme has been telecasting on Tuesday mornings during 9.30 to 10.00 AM. During the current year a 13 part video serial titled "*Baaten Razz Ki*" was telecast between 11 May 2010 to 10 August, 2010. The episodes are produced specially for children and telecast during the summer vacation, making learning easier for them. "*Baatein Raaz ki*" is an apt presentation of how science makes our lives easier and simpler. The relations of science to real life has been explained so that it does not become a 'text-book' demonstration but at the same time the students would find it useful as part of their studies.
- Subsequently a 13 part new video serial titled "*Mukhaute: sach kaa chehra*" was telecast during 17 August 2010 to 30 November, 2010. This is an innovative attempt to remove the many layers of stigma and ignorance that cloak the real threat of HIV-AIDS. The 13 episode series took a systematic approach by tackling issues from modes of transmission, vertical transmission, high-risk-group, behavior, HIV is not AIDS and AIDS is not death, Living with HIV, etc. were first identified. And then stories were woven around each core message.
- Subsequently from 7 December 2010 a 21 part new video serial titled "Science Watch" was telecast. Based on new researches in the field of science and technology this programme shows the ongoing revolutionary changes in the field of biotechnology, nanotechnology, space science, astronomy, disaster management, life sciences, chemistry and other important field of sciences. The presentation of this 21 episode series was a magazine style in which different researches, events and discoveries related to science and technology are sequentially provided. Various developments and innovative works of different science institutions are also being included in this programme.
- VP has been receiving very good response from the audience. About 2000 e-mails and letters are received every week appreciating the programme.
- The dubbed versions of VP's programmes *Jeete Raho* (13 part), *Our Celestial Neighbours* (13 part) and "*Dekh Khel Ke*" (13 part) were telecast through 10 *Doordarshan* regional *kendras*. The same programmes are being telecast through DD Direct, the DTH bouquet of *Doordarshan*.

The following programmes are in various stages of production:

- The Twenty Six part video serial on the theme of “Experiments that Shaped the World”.
- The Five documentaries on scientists ( PC Ray, Chandrasekar, Darwin, JC Bose, KS Krishnan) has been initiated.

### Programme on Lok Sabha Television

- MoU was signed between Vigyan Prasar and *Lok Sabha* Secretariat to telecast science programmes through *Lok Sabha* Television (LSTV). This is a part of the efforts to organize and conduct broadcasting services to inform, educate and entertain public guided by constitutional concerns paying special attention to the fields of education and science & technology. As per the MoU, VP is making regular programmes for telecast on *Lok Sabha* TV.
- Subsequently from 2 January, 2011 a 42 part video serial titled “*Aisa hi hota hai*” is being telecast from LSTV on every Sunday morning between 9.30 and 10.00 AM. Each episode is devoted to a specific topic, say, surface tension, magnetism, friction, buoyancy and so on.
- Vigyan Prasar has come up with a challenging task of producing weekly science news capsules for *Lok Sabha* TV Known as ‘Science this Week’ in English and ‘*Vigyan Darpan*’ in Hindi. The weekly news covers important national and international events, discoveries and happenings in the field of science and technology. “*Vigyan Darpan*” is being telecast every Thursday at 09.30 PM and “Science this week” is being telecast every Friday at 09.30 PM from *Lok Sabha* TV. It’s for the first time in the history of Indian television that a science news slot not only occupies the space of effects but also the space of causes. The weekly news has many segments such as Headlines, News, In-depth, Innovation, Science Tour, Sky this Week, History of science, Meet the scientist, Book Reviews, Science as Career, etc.
- Vigyan Prasar produced films in documentary format on Indian Science Congress 2011 and National Children’s Science Congress -2010 with collaboration of National Institute of Science Communication and Information Resources, CSIR New Delhi. Vigyan Prasar also made 18 small video clippings of Scientist lecture during Indian Science Congress 2011 and Young Scientist Projects during National Children’s Science congress -2010.

Glimpses of a weekly science serial on Doordarshan

## “Baatein Raaz ki”

which was telecast on every Tuesday morning during  
11 may, 2010 to 10 August, 2010



Glimpses of a weekly science serial on Doordarshan  
" MUKHAUTE, SACH KAA CHEHRA "  
which was telecast on every Tuesday morning during  
17th August 2010 to 30 November, 2010.









Glimpses of a weekly science serial on Lok Sabha Television

## "AISA HI HOTA HAI "

which is being telecast on every Sunday morning from  
2nd January, 2011



## Science Programmes on Radio

### Radio Serial "Golden Waves"

Broadcasting of 13 episode radio serial on "Golden Waves" based on Science and Technology in Modern India started in October, 2010 from 117 stations of AIR throughout the country. The serial was produced in collaboration with AIR. This serial was based on various achievements in the field of science and technology in India. During the serial one bridge programme was also organized where experts from different stations were invited to share their experiences with the audience. A series of brain storming sessions with subject experts, writers were organized to develop the briefs and scripts in all the languages. In each episode, two questions were asked to the audience and winners were given prizes. About 1200 prizes were distributed.

### Radio Serial "Colours of Life"

Broadcasting of 13 episode radio serial on "Colour of Life" based on Biodiversity of India started in February, 2011 from 117 stations of AIR throughout the country. The serial was produced in collaboration with AIR and as the part of International Year of Biodiversity 2010 programmes initiated by Vigyan Prasar. The serial was produced as a docu-drama covering biodiversity and its conservation issues. A series of brain storming session with subject experts, writers were organized to develop the briefs and scripts in all the languages for the serial. In each episode two questions were asked to the audience and winners were awarded prizes. 1210 prizes were sent to the winners.

### Radio Serial "Baat-Gyan-Vigyan-Ni"

Vigyan Prasar jointly with M.P. Council of Science & Technology, Bhopal is preparing script for 13 episode serial "Baat-Gyan-Vigyan-Ni" in Bhili language highlighting the issues of rural health, hygiene, agriculture, traditional medicine. This serial will be broadcast from Akashwani Kendra, Indore in the month of June, 2011.

### Radio science serial review meeting-cum-workshop

Vigyan Prasar, in association with All India Radio, has been producing and broadcasting radio serials on science topics in 19 Indian languages through 117 radio stations spread across the country. For reviewing and assessing the progress and decide ways to enhance the reach of the serials, three regional meeting-cum-workshops were organized at Chandigarh on 30-31 January, 2011, at Tirupati on 7-8 February, 2011 and 25-26 March, 2011 at Kolkata. In each workshop, AIR officials and language coordinators participated. In these workshops, all the issues related to the serial on 'S&T in Modern India', 'Biodiversity', 'S&T for women empowerment', and 'Chemistry' were discussed. Issues related to content, format, strategies, and deadlines of all proposed serials were discussed. It emerged that VP's radio serials are well received in majority of languages and it was felt that there is a need for strong publicity for reaching a larger audience.



(Participants at Chandigarh)



(Participants at Kolkata)



(a view of session at kolkata)

### Development of briefs for coming Radio serials:

Briefs/contents for the serial on "Chemistry" were prepared with the help of scientists/experts from Central Durg Research Institute, Lucknow (CDRI), Central Leather Research Institute Chennai (CLRI), Indian Institute of Toxicology Research, Lucknow (IITR), Central Institute of Medicinal and Aromatic Plants, Lucknow (CIMAP), Birbal Sahani Institute of Palaeobotany, Lucknow (BSIP), Indian Institute of Technology Delhi (IIT), Difference Research & Development Organisation Labs (DRDO). These briefs/contents are ready for the use of script writers. Production and broadcasting of Serial "Chemistry" as a part of International Year of Chemistry 2011 will commence from November 2011.



(View of participants at Tirupathi)



(Session on chemistry at Tirupathi)

### Prizes to the Radio Winners:

Vigyan Prasar is giving one year free subscription of popular magazines "CHEKUMUKI" (Telgu), "SASTHRAKERALAM" (Malyalam), "Vigyan Drishhi" (Gujarati), "Balavijnana" (Kannada), "Thulir" (Tamil), "Marathi Vidnyan Parishad Patrika" (Marathi) to radio winners of mentioned regional languages. For other languages, VP is giving its own publications as a prizes to the winners.

### Radio bridge programme

Vigyan Prasar and All India Radio conducted a radio bridge programme in Hindi and English on 24th October 2010 on theme "Science for Society". In this programme different subject experts from Jalandhar, New Delhi, Lucknow, Patna, Jaipur, Ranchi, Raipur, Bhopal and Port Blair participated.

## NETWORKING THROUGH EDUSAT INTERACTIVE TERMINALS

Vigyan Prasar (VP) & Development and Educational Communication Unit (DECU), ISRO has established a countrywide network using EduSAT for Science Communication and Disaster Preparedness Awareness. Presently, 50 Satellite Interactive terminals are using EduSAT facility to receive and transmit programmes through Vigyan Prasar. Popular Science Lectures, Training programmes, Distance learning, quiz programmes are conducted by Vigyan Prasar in the uplink studio situated in Delhi.

EduSAT Network has been upgraded with new systems and software 'Trainnet' during the year 2010-2011. Three training cum orientation workshops were conducted during this period to train the coordinators and technical persons in handling and understanding the new software.

After upgradation of teaching end and training workshops, many programme were organized. Some of the popular programmes are: Workshop on international year of chemistry, Distance learning programme, Special programme on International women day and popular science lecture for the students.

Vigyan Prasar is producing five programmes a week for EduSAT viewers.



*Regional workshop and review meeting on EDUSAT at Darbhanga*

*Regional workshop and review meeting on EDUSAT at Jalgaon*



## PUBLICATION PROGRAMME

(A) The following books in English were brought out during the period under report:

1. Dinosaurs: Myths & Facts by U.B. Mathur & R. Mathur
2. Charles Darwin: The Evolutionist by Parul R. Sheth

(B) The following books in Hindi were brought out during the period:

1. DNA Ki Mahagatha by Biman Basu
2. Aapeshikta Ka Adbhut Sansar by Rakesh Popli
3. Hindi men Vigyan Lekhan: Vyaktigat evam Sansthatgat Prayas Edited by Er. Anuj Sinha, Subodh mahanti & Nimish Kapoor

(C) The following books were translated in Hindi from English:

1. Mysterious Moon & India's Chandrayaan Mission (Narendra Bhandari)
2. Eyes on the Sky (Biman Nath)
3. Tools of Astronomy (Biman Basu)
4. Science & Everyday Life (J.B.S. Halden)
5. A Stroll Through Space-Time (Rakesh Popli)

(D) The following titles are under various stages of publication:

1. Radioactivity of Planet Earth by C. Rangarajan
2. Chinu Visits Microworld by Y.R. Waghmare
3. From Green Revolution to Evergreen Revolution by R.D. Sharma
4. Vigyan aur Krishi Patrakarita by R.D. Sharma
5. Story of Stones by D.N. Wadia
6. Jantar Mantar: the Astronomical Observatories of Raja Jaysingh by Usha Shrinivasan
7. Vigyan Ke Prayog by P.M. Devpura
8. Pioneers of Modern Chemistry by Subodh Mahanti
9. The world of Chemical elements by Subodh Mahanti
10. Chemistry & Daily Life by Biman Basu

(E) A series of publications originally in Hindi is also under publication.

(F) Publications in Regional Languages:

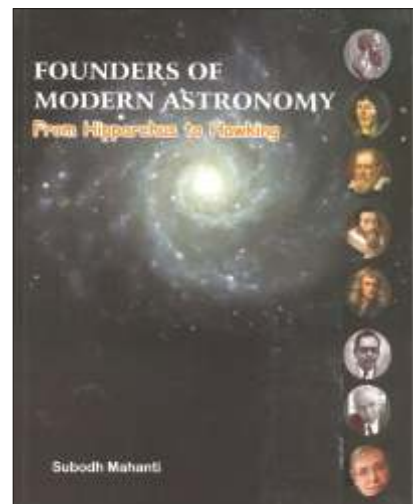
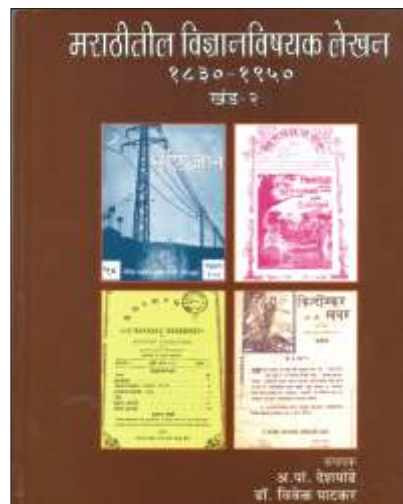
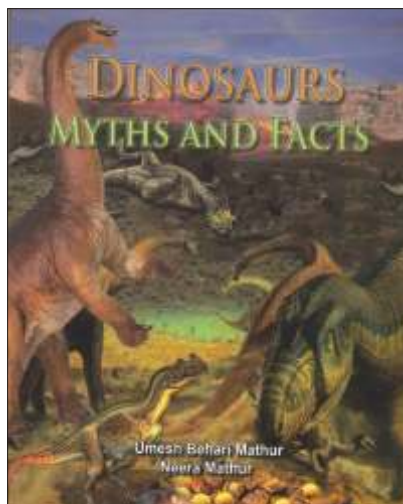
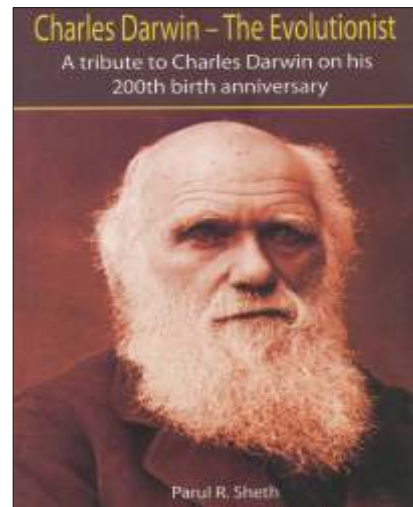
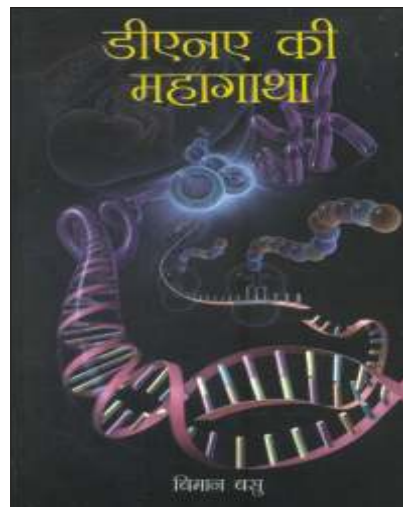
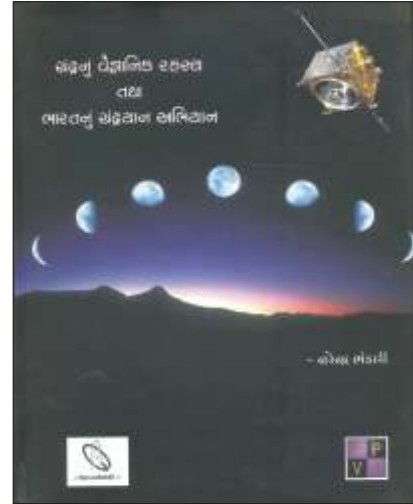
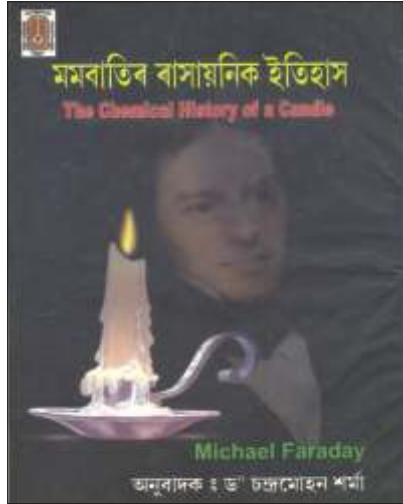
ORIYA:

1. Science Writing in Oriya 1850-1950 (Srujanika, Bhubaneswar)

MARATHI :

1. Science Writing in Marathi during 1830-1950 (Part-1)
2. Science Writing in Marathi during 1830-1950 (Part-2)  
(Marathi Vidnyan Parishad, Mumbai)

(G) Sasta Sahitya Mandal, New Delhi and Vigyan Prasar are jointly bringing out 34 English and 18 Hindi titles.



VIGYAN PRASAR I NFORMATION SYSTEM

Web portal



All the programmes and activities of VP are regularly posted on VP web portal www.vigyanprasar.gov.in. The website is dynamic and interactive. Online submission of subscription request for Dream 2047, change in address, VIPNET science club registration details, science news, forthcoming events, online feedback, Digital Library, Discussion Forum, etc. are some of the features of the web portal.



Digital Library of Vigyan Prasar



Discussion Forum of Vigyan Prasar

DREAM 2047



Vigyan Prasar is bringing out monthly bi-lingual science magazine Dream 2047 for last thirteen years. Present circulation of the magazine is fifty thousand. Readers' feedback was invited on a structured format through pre-paid envelopes in the month of September 2010. Analysis of the report is under progress.

The digital version of the magazine is posted every month in Vigyan Prasar website [www.vigyanprasar.gov.in](http://www.vigyanprasar.gov.in). All the old issues of the magazine (electronic version) are available in the archive.

Recently Vigyan Prasar commenced bringing an electronic version of the magazine. Every month e-version is sent to subscribers through emails. The e-Version enables wider reach of the magazine without printing extra copies. This in turn will reduce usage of paper.



## The articles published during the year 2010 – 2011:

### Editorials:

Vision for 2047, A worth challenge, Every Contact Build Public Relations, Bringing up our Sisters, Coach or Player, Quality Material for Adult Learners, Technology Solutions to Energy Issues –Dissemination strategies, The pain and pleasure of making science films, Framework for science news, Moving ahead, Why should scientists communicate with lay persons?, Fulcrum of Development, Positive attitude towards the Earth, Fulcrum of Development

### Biographies:

John Dalton Pioneer of Modern Atomic Theory, Henry Cavendish Discoverer of Hydrogen, Dmitri Ivanovich Mendeljeev Creator of The Periodic Table of Elements, Amedeo Avogadro Founder of the Atomic-Molecular Theory, Gerty Theresa Cori and Carl Ferdinand Cori Who showed how energy is produced and distributed in human body, Jons Jacob Berzelius A Great Systemiser of Chemistry, Humphry Davy Founder of Electrochemistry, Justus von Liebig The greatest chemical educator of his time, Robert Burns Woodward The greatest deviser of organic syntheses, Paul John Flory- Founder of modern polymer science, Alfred Werner - Founder of coordination chemistry, Derek Harold Richard Barton-Maker of conformational analysis anessential part of organic chemistry, Glenn Theodore Seaborg -A Legend in the Annals of Discovery, Derek Harold Richard Barton - Maker of conformational analysis

### Other Articles:

2010 – Do or Die Year on the Farm Front, Progeria: Life in Fast Forward Mode, A view on Volcano, For want of a nail Keystone species and biodiversity, Coffee the Wonder Elixir, The Development of Natural History in India, The Time is Ripe, Grass Eating Dinosaurs, Census Reveals Bounty of oceanic Life, A powerful tool for organic synthesis, Establishing identity: The biometric way,

### Others regular columns:

Mediscape,  
Recent developments in Science and Technology,  
VP News

Interactions were conducted with leading scientists, communicators, innovators, etc. Each interview was reported in *Dream*.

## VIPNET (Vigyan Prasar Network of Science Clubs)

- VP conducted a number of orientation and sensitization workshops and collaborative projects in different parts of the country to strengthen its science clubs. Number of VIPNET club is 10,750. At present VIPNET clubs are present in 446 districts of India. Duly updated VIPNET Database is being maintained and same is also uploaded on website during the last day of each month, showing State and district wise details of all registered clubs. New cluster of clubs has been developed in the State of Madhya Pradesh, UP, Bihar, West Bengal, Uttrakhand, Maharashtra, Kerala and Tamilnadu and Andhra Pradesh. Constant feedback is being received from a number of VIPNET clubs in the form of letters and queries in response to articles and activities published in VIPNET News. The feedback mechanism is also being used to identify most active clubs for developing them into lead-clubs. A series of five workshops are planned to give skill up-gradation training to the coordinators of selected clubs from each district. A few active clubs have also been identified to develop them as resource center for the programme and activities of Vigyan Prasar. As part of International Year of Biodiversity 2010 and International Year of Chemistry 2011 campaign, a special link was created for the VIPNET Clubs on VP website. All the information, informative articles, activities were made available for downloading. Many clubs downloaded the information from VP website and also registered through website of VP for participation.



**SAFE SOLAR VIEWER**  
THIS SAFE BLACK POLYMER SOLAR FILTER CAN BE USED TO WATCH  
SOLAR ECLIPSES, SUNSPOTS OR TRANSIT OF THE PLANET VENUS.  
C.V.RAMAN SCIENCE CLUB YAMUNA NAGAR HARYANA

- Workshop and Sensitization programme in Different States

During the Year a number of Orientation-cum-sensitization workshops were organized in different States for the formation of science clubs and taking up science activities in a sustainable way. Eight such workshop were organized in the State of Maharashtra, Tamilnadu (2), West Bengal, Uttar Pradesh, Gujarat, Madhya Pradesh and Sikkim. As a result of these workshops more than 700 new



*Demonstration of activities during a sensitization programme in Tamilnadu*

clubs have been formed. A few more such workshops are already planned in the State of Tripura, Meghalya and Tamilnadu. In all these workshops the participants were briefed about the formation of science clubs and to start activities designed by VP as part of Year of Biodiversity- 2010 and International Year of Chemistry- 2011.



Sensitization programme in Sikkim

VIPNET NEWS

Majority of theme based articles, content and informative material were researched and developed in-house and finally presented in a visually rich format in the newsletter. All the issues from March to December 2010 have articles and content relating to International Year of Biodiversity (IYB) 2010. From January- March 2011 the content was on International Year of Chemistry 2011. "VIPNET News" is printed in four colours with improved layout and design. The content of the newsletter is being changed time to time to make it more interactive, informative and visually attractive by including more and more pictures, illustration and photographs. To motivate the Club members, to be a part of activities during International Year of Biodiversity-2010 and International Year of Chemistry 2011, special features on various sub-themes, and activities were covered in the newsletter with specific reference to Indian scenario. To enhance the interactivity and interest, activities in the form of crossword, photo quizzes, question-answer etc have been made regular features of the newsletter. The number of subscribers of VIPNET News is 14500.



## GENDER & TECHNOLOGY COMMUNICATION

### National Seminar on Gender, Technology and Communication – 2010

A two day National Seminar on Gender, Technology and Communication was held on the occasion of National Technology Day during May 10 – 11, 2010 at New Delhi. This was organized jointly by Vigyan Prasar and National Science Centre, Delhi.

The seminar offered an opportunity to bring issues of science and technology onto centre stage and generate awareness amongst the people about the importance of informed decision-making on gender issues that are of immediate and strategic concern to the community.

The seminar was divided into five technical sessions highlighting the issues of ICT and Gender Development, Women's Empowerment through Application of Technology, Gender Equity in Management of Resources, Women and Health and Women and Social Shaping Technology. A set of recommendations were drawn up at the end of the seminar outlining steps needed to be taken to reduce the gender gap in ICT applications.

The chief guest of the seminar was Dr. Kaiser Jamil, Former President of Third World Organization of Women in Science. The seminar was attended by over 150 scientists, academicians professors, science activists and college students from Delhi and around.



*Seminar "Gender, Technology and Communication" held on the occasion of National Technology day during May 10-11, 2010*

A Week long programme on "Women's Health and Empowerment for Prosperity and Social Change" on the occasion of International Women's Day 8 March 2011



*Consultation and communication on health & science at grass root level in slum areas of New Delhi during 8th to 15th March 2011*



*Health workers during the national meet of women on 15th March 2011*

Vigyan Prasar in partnership with Institute for Gender Justice and Sudinalay – Centre for Women, New Delhi organised science and health communication based interactive program on “Women’s Health and Empowerment for Prosperity and Social Change” to mark the occasion of the International Women’s Day on 08 March 2011. Under the slogan “*Bharat se India jurega jab mahila sashakt hogi tab*”, this program was focused with the following subjects: Malnutrition vs. Nutrition: Myths, Realities and Best Practices for a Healthy Life; Non-communicable Diseases in Women such as Obesity, Hypertension and Cardiac ailments; Cervical Cancer; HIV/AIDS; Depression and Mental Health.



*Her Excellency Hon'ble President of India inaugurating the national meet of women on 15th March 2011 at Vigyan Bhawan*



*Smt. Gurusharan Kaur addressing the consultative seminar on women's health on 8th March 2011 at Vigyan Bhawan, New Delhi*

A week long program (8 - 15 March 2011) was aimed at launching of an Integrated Gender Sensitive Science Communication Program for Reduction of Malnutrition and other Gender Based Discrimination among economically weaker sections of Women and Children. It is found that malnutrition is linked to women’s vulnerability towards ill health, depression and over all well being. The outcome of this intervention will lead to drawing up of a national and regional plan of action on combating malnutrition in women and children of the high prevalent states.



*Smt. Salma Ansari inaugurating the consultation seminar on women's health at New Delhi on 8th March 2011*

A week long programme “Women’s Health and Empowerment for Prosperity and Social Change” was organized during 8 to 15 March 2011, which included: -

- A Consultation seminar with stakeholders at Vigyan Bhawan on 8th March 2011, was organized in the august presence of *Smt. Salma Ansari (Hon'ble Wife of His Excellence*

*the Vice President of India), Smt. Gursharan Kaur (Hon'ble Wife of The Prime Minister of India) and Dr (Prof) Kiran Walia, Minister of Women and Child Development and Social Welfare, Government of NCT Delhi.* In the seminar, interactive sessions with experts and specialization in the field of health and nutrition, psychology were held. The seminar was attended by 600 health workers in and around Delhi. From 10th to 14th March 2011 a awareness campaign were organized in the slums of Delhi like where health workers with doctors physicians interacted with the women group and family. Fatehpuri, Kabir Basti, Chandni Chowk, Lahori Gate, Phool Mandi, Jama Masjid, Nehru Camp, Bhoomiheen Camp, Delhi & New Delhi.

- Consultation camp on Depression was organized at IHBAS, Shahdara on 12th March 2011.
- A National Meet of Women "Celebrating the Joy of Empowerment" at Vigyan Bhawan on 15th March 2011 in the august presence of *Her Excellence Hon'ble President of India Smt. Pratibha Devisingh Patil* was organized an concluding programme.

Women Scientists, Doctors, Food and Nutrition Experts, Professionals working on Cervical Cancer and Mental Health had participated along with the grass root stakeholders namely, Sahayikas of Anganwadi and ICDS (Integrated Child Development Services) and ASHA workers appointed under the National Rural Health Mission. A large number of Civil Society Members and Representatives of Women's NGOs had joined the campaign.

## KITS & TOYS DEVELOPMENT PROGRAMME

### Activity Material on Chemistry behind Miracle

As a part of IYC 2011 Vigyan Prasara is in process to develop a resource material on "Chemistry behind miracles" in our country some of so called miracles shown by God men and others using different chemical processes. In this regard, around 25-30 activities were identified and these will be used as a resource material for the future training/demonstration programme of VP.

### Replication of Visual Books

Replication of Visual books based on Opto-electronic technology was completed and in these books are available for users and VP is in process of commercialisation of this innovative idea and technology.

### Workshops / Training / Demonstrations Programmes.

- (i) Workshop on Electronics for Teachers
  - Workshop on Electronics was organised for the teachers of all Salwan Public school situated in NCR Delhi region at Salwan Public School, Gurgaon on 28 May 2010. In this programme around 50 science teachers participated.

- Participated in Summer Camp organised by National Science centre ,New Delhi and demonstration on kits developed by Vigyan Prasar was given during 17-4 June 2010.
- Lecture- cum- demonstration programme on "Earthquake "was given on 24th November 2010 for the group of NCC at NCC headquarter, old Rajdhani college, Kirti Nager New Delhi. In this programme 30 NCC's Participated.
- Lecture- cum- demonstration programme on activity kits developed by Vigyan Prasar was arranged for the group of students and teachers of Amity School on 15 November 2010 at VP Noida.
- Lecture- cum- demonstration programme on activity kits developed by Vigyan Prasar was arranged for the group of students and teachers at NBRI Roorkee on 29 March 2011.

### Chronicle-Vigyan Prasar Science Quiz Programme

Vigyan Prasar and Chronicle has decided to publish a Science Quiz every month starting from February, 2011 for the period of one year in Civil Service Chronicle Magazine both in Hindi and English. This magazine is published by Chronicle, Noida. This programme will be as a part of International Year of Chemistry 2011 (IYC). The objective of the quiz programme would be to create interest, awareness towards this subject among youth so that they would able to know about the importance of Chemistry in day to day life. Vigyan Prasar will prepare a questionnaire every month both in Hindi and English and will select five winners from Hindi and English quiz for the prizes. These prizes will be given by Vigyan Prasar in terms of its publication.

## HAM RADIO

### 1. Training Programme at CDM, LBSNAA, Mussoorie

Vigyan Prasar conducted training sessions on digital ham radio communication technologies from April 22 to April 24, 2010 for the IAS Probationers at Centre for Disaster Management (CDM), Lalbahadur Shashtri National Academy of Administration (LBSNAA), Mussoorie.



*Ham Radio Training imparted to IAS probationers at Centre for Disaster Management [ CDM ] LBSNAA, Mussoorie*

### 2. Low-cost ham radio kit building workshop at Indian Institute of Technology Kanpur [IIT Kanpur] ham radio club VU2IIT

A low cost ham radio kit building workshop was organized at Indian Institute of Technology Kanpur [IIT Kanpur] from August 14 to 15, 2010 along with demonstration and lecture on ham radio digital communication technologies for the members of IIT Kanpur ham radio club station VU2IIT.



*Low-Cost ham radio kit building workshop at IIT Kanpur*

### 3. Programme at Snow & Avalanche Study Estt. [Research & Development Center], Ministry of Defence, DRDO, Chandigarh

A technology demonstration programme was organized at Snow & Avalanche Study Estt.



(Research & Development Center), Ministry of Defence, DRDO, Chandigarh on September 16, 2010, where the integration of weather station to ham radio transceivers for real-time telemetry transmission of weather parameters via a network of high altitude digipeaters (ham radio digital repeaters) was demonstrated and a technical session was conducted for the DRDO scientists involved in high altitude Snow & Avalanche Study.

4. Programme at New Star Academy School, Pitampura

A ham radio awareness programme was organized for CBSE teachers from different schools at New Star Academy School, Pitampura on September 25, 2010

5. Programme at 1 Haryana R&V NCC Sqn, Hisar

Training Sessions on ham radio and GPS Technology was organized at Hisar, Haryana Agricultural University from October 07 to 08, 2010 for the NCC cadets attending Annual Training Camp at 1 Haryana R&V NCC Sqn, Hisar.



*Lecture and demonstration on ham radio digital communication technologies to NCC Cadets at Hisar, Haryana.*

6. Amateur Radio (ham radio) community in India is represented by Vigyna Prasar at NFAP-2010 (National Frequency Allocation Planning) Meeting held at Ministry of Communications & IT on 29 November, 2010 For the time first time in the history of ham radio in India, Amateur Radio (ham radio) community in India is represented by Vigyan Prasar at NFAP-2010 (National Frequency Allocation Plan) Meeting held at Ministry of Communications & IT on 29 November, 2010.

7. Vigyan Prasar Ham Radio Repeater Station VU2DLR Reactivated

Vigyan Prasar maintains VHF ham repeater station VU2DLR licensed by WPC from its C-24 office. The old repeater after 11 years of round the clock operation developed multiple problems. The VHF Amateur [ham] Repeater Station VU2DLR is again made operational on 10.02.2011. VU2DLR Repeater Station first went on-the-air on December 9, 1998 and since then serving the ham radio community round the clock. The present Repeater System is made up of two YAESU/Vertex Standard [Japan] VX-2200 Radios ['back-to-back'], a 'Repeater Controller Interface' and an WACOM [USA] 4 Cavity Duplexer to the existing Diamond [Japan]

antenna on a 45 feet tower making the whole repeater system. Antenna height approx. 100 feet from ground approved by SACFA, WPC. The Repeater would support hams to remain radio-active and VP's ham radio promotional programmes would get a boost. The repeater would also facilitate second line of utility communication in the event of any large scale disaster when the other modes of communication may fail.



*VU2DLR New Delhi VHF ham repeater station reactivated with setup at Vigyan Prasara*

## NATIONAL PROGRAMME ON BIODIVERSITY -2010

As part of International Year of Biodiversity 2010, VP initiated programmes and activities to raise awareness of the consequences of the loss of biodiversity, seeking not only to conserve biodiversity but also to promote its sustainable use.

- Awareness & capacity building programme on Biodiversity – “Biodiversity conservation through well informed local action and leadership: A development perspective for Gujarat”

Vigyan Prasar in collaboration with ISPL, Ahmedabad an NGO has undertaken a project on “Awareness and capacity building on Biodiversity for village elders & small farmers”. The objective of the programme was to: -

- a) Awareness and preparedness of communities to make use of locally relevant institutional mechanisms including reporting on problems / challenges faced, to the local leaders, understand some of the important sources of information, they can access so that they can take appropriate action within a short period of time. Also understand a) Impact of lack biodiversity on sustainable livelihood b) Impact of Climate Change on bio-diversity.
- b) As part of this VP is bringing out communication material in the form of film, poster, flip charts, booklets etc. on the importance of biodiversity for agriculture and farming communities. The material will be developed in Gujarati and Hindi. These materials will be used in training programme in districts of Gujarati. The draft versions of the material have been developed and final versions are getting prepared.



*Delegates of National Conference on Biodiversity Conservation*



*Poster exhibition on biodiversity conservation*

- A National conference on “Conservation of Biodiversity was organized by VP jointly with National Centre for Science Communicators (NCSC), Mumbai on 20th and 21st November, 2010 at Satish Dhawan Auditorium, Indian Institute of Science, Bangalore. The conference was attended by science communicators, scientists and student community. Vigyan Prasar supported a session on “Biodiversity in Agriculture



*Prof Madhav Gadgil interacting with participants of the conference*



*Speakers of technical session - Biodiversity in Agriculture*

- VP is working on recommendations of this conference which include: development of people's biodiversity register, environmental activities for schools and colleges, awareness campaigns on agricultural biodiversity & bio-resources and save endanger species campaign; creation of environment information data bank; decentralization of the knowledge, technology and infrastructure and involvement of village leaders in decision making.



Resource material on biodiversity conservation through well informed local action and leadership



Resource material on biodiversity conservation through well informed local action and leadership

### Posters on Biodiversity Awareness

VP produced a set of 9 posters on biodiversity awareness with the following subthemes: -

- Importance of biodiversity
- Conservation of biodiversity
- Climate change threat
- Agriculture biodiversity- the essence of life on earth
- Involving & engaging citizens
- Biodiversity- invaluable goods and services to society
- Biodiversity is life – biodiversity is our life
- Rich biodiversity in India
- Loss of biodiversity



VP's biodiversity related books exhibited during the workshop



Vigyan Prasars posters on Planet Earth were displayed during the SAARC workshop

## INTERNATIONAL YEAR OF CHEMISTRY 2011

The United Nations has been designated the year 2011 as the International Year of Chemistry (IYC - 2011) with UNESCO as the leading UN agency together with International Union of Pure and Applied Chemistry. The focal theme of the IYC-2011 is "Chemistry – Our Life, Our Future".

The idea behind designating the year 2011 as the International Year of Chemistry is to celebrate the art and science of chemistry and its pivotal contributions to our knowledge, to environment protection, to improvement of health and to economic development.

Vigyan Prasar has initiated a number of activities to be undertaken on the occasion of IYC-2011.

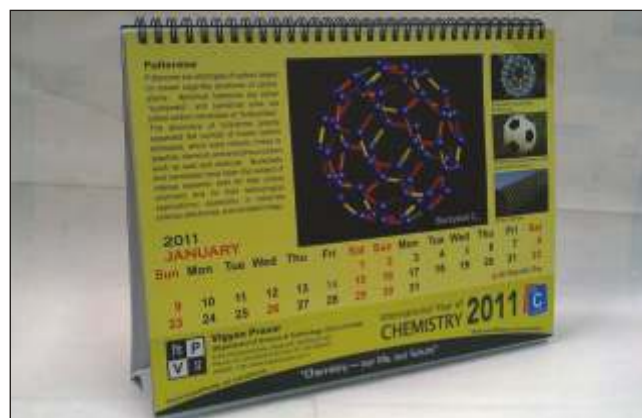
The other activities initiated by Vigyan Prasar are:

- Innovative Experiments in Chemistry
- Audio Programmes
- Television Programmes
- Books on different aspects of chemistry
- Posters—A set of 4 to 6 posters will be brought out depicting the growth of chemistry and how it has influenced human life
- Popular Lectures in different parts of the country by well-known chemists and science communicators
- Resource materials on Green chemistry
- Workshops/training programmes for school teachers and students
- Articles in Newspapers/Magazines
- Campaign on Food Adulteration
- Chemistry behind "Miracles"
- An activity kit as teaching aid

Vigyan Prasar will work in collaboration with other organisations including schools, colleges, government agencies and NGOs for creating awareness about the importance of chemistry in meeting our present needs and ensuring well-being of future generations. It will try to highlight the major achievements of chemistry in recent years both in India and abroad. Through various activities Vigyan Prasar will attempt to draw the attention of first-rate students to chemistry. It will try to help the importance of chemistry in their daily lives.

- Desk Calendar 2011

To highlight the importance of chemistry in our life, Vigyan Prasar brought out a desk calendar on the theme 'molecules'. Molecules chosen were Nylon, Fullerene, Urea, Benzene, DNA, Penicillin, water, Chlorophyll, Glycerol, Aspirin, Chloroform and Glucose. These molecules are not only essential for our day to day living but have played an important role in the development of chemistry.



- VP developed a set of six posters on International Year of Chemistry 2011 to highlight the objectives of IYC 2011 and to create awareness on Chemistry in daily life. These posters were displayed on the National Science Day 2011.
- Development of a set of posters in collaboration with All India Association of Chemistry Teachers, Homi Bhabha Centre for Science Education, Mumbai and Uttar Pradesh Association for Science & Technology Advancement (UPASTA) has been undertaken with the objective of increasing the public appreciation of chemistry in meeting world's needs, to encourage interest in chemistry among young people, and to generate enthusiasm for creative future of chemistry.

Following themes have been identified for posters-

- History of Chemistry in India
- Chemistry from Morning till Night
- Chemical Fertilizers and Organic Farming
- Colouring of Fruits/Vegetables/Eatables (Sweets, Snacks, ice-creams etc.)
- Natural Products As Drugs
- Air- Pollution – Effect to Control
- Career In Chemistry
- Green Chemistry
- Chemistry in Agriculture
- Chemistry & Environment

#### Development of Radio serial on Chemistry

VP is developing a 15-episode radio serial on chemistry under the theme of IYC 2011 "Chemistry is Our Life". Content for radio serial has been developed by subjects' experts from CSIR labs- CLRI, CDRI, IITR, CIMAP; IIT Delhi; BSIP (DST) and DMSRDE, DRDO.

#### Development of activities on Green Chemistry

VP is working towards the development of an awareness programme on Green Chemistry in collaboration with Green Chemistry Network Center, Department of Chemistry, University of Delhi. The programme would aim to establish an interactive platform for dissemination and popularization of Green Chemistry among stake holders like artisans, farmers, students and teachers. VP is planning to develop resource material like posters, kits, films and books to communicate the benefits of Green Chemistry in reduction of carbon foot prints.

#### Activity Kit on Chemistry

Vigyan Prasar has developed an activity kit containing 36 activities jointly with Gujarat Science Centre, Ahmedabad. The kit will include Hands on activities, do it yourself activities, fact sheets, games, poster, booklet and chart related to chemistry.

## REACH TO UNREACH

To develop the popular science literature for neoliterate and children programme reach to unreached launched in year 2010.

- 2 days national level brain storming workshop was held at Bhopal on 5-6 August 2010. 40 Participants from various government and NGO's were participated in the workshop.

As follow up of the programme content development workshops were organized at regional level.

- 29-September 31 October 2010 with collaboration of Jan Vigyan Vedika, workshop for content development in Tamil, Kannada and Telgu workshop was organized at Ananatpur, Andhra Pradesh
- On 27 December 2010 workshop on content development of literature in Hindi one day workshop was held at Trissur, Kerala
- During 28-30 March 2011 workshop for north eastern state was held at Tripura with the joint effort of Tripura Agriculture Department.



*Workshop in progress*

## WORKSHOPS AND SEMINARS

### Workshops on Innovative Experiments in Physics

Based on the module developed by Vigyan Prasar and IIT, Kanpur as a collaborative programme to train Master Resource persons, Vigyan Prasar planned six regional workshops on Innovative Experiments in Physics. The participants of these workshops have been selected through nominations received by VP. The nominations were invited through Dream-2047, VIPNET News and Vigyan Prasar website. During the workshop, each participant assembled a kit. Using the kit 25 innovative experiments can be performed. All the participants were also given a CD on Innovative Experiments in Physics and a kit on Emergence of modern Physics. It is expected that using all the resource materials and hands-on experiments conducted during the workshop, participants can start the activities in their schools or science clubs. A database of the participants and resource personnel is also being maintained to get constant feedback.

#### Workshop at Chandigarh



*Workshop in progress at Chandigarh*

A three day workshop was organized in Chandigarh, in association with Punjab State Council for Science and Technology (PSCST) during 14 – 16 September 2010. Forty three teachers from northern states of India attended the workshop.



### Workshop at Mumbai



*Workshop in progress at Mumbai*

The second four day workshop was organized for the Western Zone at Nehru Science Centre, Mumbai, during 31 January to 3 February 2011. Fifty two teachers and science communicators attended the workshop.

### Workshop at Tirupati

The third workshop was organised for the Southern States at SV University, Tirupati during 7 to 10 February 2011. In this workshop, 46 participants representing Kerala, Andhra Pradesh, TamilNadu, Pudducherry and Karnataka attended the workshop.

Three more such workshops are being planned at Bhopal, Shillong and Kolkata for the Central, North-Eastern and Eastern zones respectively during March – August 2011.



*Workshop in progress at Tirupati*

### Astronomy workshop

A series of workshops on Astronomy have been organised to train Master Resource Persons to guide the science clubs for the celestial event of Transit Venus (June 2012). The first workshop of the series is being planned at Jaipur in association with Birla Planetarium. Selection of participants have been made through nominations and applications invited through advertisement in VIPNET News, Dream-2047 and on the portal of Vigyan Prasara. About 400 nomination has been received.



Participants during the night sky watching session



Participants during their visit to 'Jantar Mantar' in Jaipur

### National Camp on Bio-diversity :

To observe "International Year of Biodiversity 2010", a series of programme and activities were organized for the members of VIPNET Clubs. A resource web link was created on the portal of VP to provide easy access to resource material. The clubs members were encouraged to undertake field level projects on biodiversity. About 75 projects have been received from various VIPNET Clubs. A national camp is planned at Gandhinagar in association with Science City at Indroda Park. Around 200 teachers, students and coordinators of science clubs are expected participate in this four-day National Camp.

1. Jointly with Yuva Vigyan Parishad, Madhya Pradesh. Vigyan Prasara organized a month long activity corner-cum-exhibition starting from 5th January to 7th February 2011 at Gwalior Trade Fair. The theme of this Mela was "Chemistry in daily life." Along with an exhibition, a number of activity corners like testing of water quality, adulteration in food stuffs and fertilizers were organized. Representative of science clubs from nearby schools were invited to visit the Mela and to participate in various competitions like quiz, painting, slogan writing. A sale counter of VP's software was also put up. On an average about 12,000 people visited the stall per day.



Activity corner - cum - exhibition at Gwalior mela

2. Vigyan Prasar organized a 20-day long activity corner-cum-exhibition at the bank of Ganga river, Allahabad in *Magh Mela* from 20th January to 18th February. Emphasizing "Use of Chemistry in daily life" number of activity corners, and lectures by scientists were organized during the Mela. A sale counter of VP's software was also put up.
3. A science awareness *mela (Indradhanush)* was organized at ITI, Fatehpur as part of "*Fatehpur Mahauttasav*" in association with SEARCH, a Science based voluntary organization during February 2011. All the technical support in terms of content and designing of the programme was provided by Vigyan Prasar. In the Mela, about 700 students of 70 schools of the Fatehpur district participated and a series of activities and competitions like, essay ,painting , Science Quiz, Science Toons, Science Drama etc; were organized. The major attraction of the programme was a science exhibition in which working models were demonstrated. Vigyan Prasar also put up a stall displaying its publications and software. In the night a sky watching session was also organized for the general public. A few workshop-cum demonstration like scientific explanation of so called miracles, detection of food adulteration, soilless cultivation of plants in nutrient medium etc; were also organized for the teachers and general public.



Science awareness mela Indradhanush

#### Vigyan Prasar's participation in SAARC Workshop on Biodiversity Conservation

Vigyan Prasar participated in a SAARC workshop on Biodiversity Conservation organized by Banaras Hindu University, Varanasi on 21 – 22 September, 2010. Delegates from Sri Lanka, Nepal, Bangladesh, Pakistan and India participated in the workshop. VP organized an exhibition on biodiversity related resource material during the seminar. A scientific talk on "Developing resource material for mass awareness programmes on biodiversity conservation" were delivered by VP's scientist in the workshop.

#### Tenth meeting of the Conference of Parties to the Convention on Biological Diversity (CoP 10 at Nagoya, Japan)

VP participated in an exhibition during the tenth meeting of the Conference of Parties to the Convention on Biological Diversity CoP 10 at Nagoya, Japan on 18-29 October 2010 on importance on biodiversity conservation; VP showcased resource material, activities and programmes related to biodiversity conservation in the conference.

Seminar on Inculcating Scientific Temperament to the Rural Blacksmiths at Bardoli, Surat on 22 January 2011.

Vigyan Prasar supported and organised a one day seminar in “Inculcating the Scientific Temperament to the Rural Blacksmiths” at Bardoli, Surat on 22 January 2011 as part of technology communication initiative of Vigyan Prasar. This one day seminar was part of a two day workshop organized by Agriculture Tools Research Centre (ATRC), Bardoli, Dist. Surat, Gujarat on traditional black smithy with a theme “Agriculture Tools and Traditional Black smithy: Present Trends and Future Prospects during 20-22 January, 2011”. The workshop was aimed to restructure the conventional and traditional black smithy with scientific inputs for a face lift in the product quality by adopting new designs, improve production technique and better raw material at an affordable cost.

The one day seminar was organized with the objective to assess the science and technology promotion amongst rural artisans, to develop appropriate science and technology communication material for artisans, to promote teaching/training skills in national education and to optimize strategies for making artisans understand science behind technologies in their trade.

There were more than 50 blacksmiths from different parts of the country alongwith 25 scientists participated in the seminar and interacted. A many to be given.

Participation in 8th All India Technology Congress on 11-12 February, 2011 at Kolkata

VP participated as one of the partners in the 8th All India Peoples’ Technology Congress with Forum of Scientist, Engineers and Technologists (FOSET) at Science City, Kolkata. VP organized a session on “Awareness Generation and Technology Communication related to climate responsive technologies” on 11 and 12 February 2011 at Kolkata. The focus of the session was on addressing issues related to climate change responsive technologies through different means of communication. During the session, invited guests from R&D institutes, Govt. Departments, Agriculture University, NGOs who deliberated and discussed on the areas like climate responsive technologies for agriculture/forming using KVK, climate responsive technologies for non-farm sector training & demonstration, climate responsive technologies for coastal areas, climate responsive technologies related to women health through community radio, climate responsive technologies for unorganised sector, cluster approach. There were 12 papers presented in the entire session. Presentations were invited by scientists and engineers from and grassroots level developers on appropriate, cost-effective and transferable technologies those can help in reducing greenhouse gas emission and mitigating climate change. A report has been compiled with the details of the presentation of the conference.

Participation in DST-INSPIRE science camps

Vigyan Prasar participated in a number of DST - INSPIRE science camps organized by various colleges and universities.

Science camp at Bhaskaracharya College of Applied Sciences ( 19 – 23 October 2010)

120 students participated in the science camp. Vigyan Prasar scientists delivered lectures and demonstrated innovative experiments to motivate students. Director, VP interacted with the students, teachers and parents. He also gave



*Er Anuj Sinha, Director, Vigyan Prasar, delivering a talk during INSPIRE Science camp*

a lecture on career counseling. VP publications were distributed as prizes.

Science camp at Amity University ( 16 – 20 November 2010)

Vigyan Prasar designed and conducted a science quiz for the participating students. VP scientists delivered lectures and interacted with students. Students were encouraged to form VIPNET science clubs. VP publications were given as prizes to the winners of the quiz.

Science camp at Bhaskaracharya College of Applied Sciences ( 6 – 10 December 2010)

Nobel Laureate (2003 Chemistry) Professor Peter Agre interacted with students and delivered a lecture during the science camp. Director, VP interacted with Professor Agre and with students. Director,VP also delivered a lecture. He also presented a set of VP publication to Professor Agre. VP scientists conducted hands-on science activities with the students.

E-Resource Management programme at Indian Institute of Technology, Roorkee

Vigyan Prasar participated in INDEST – AICTE Consortium Seminar on E-Resource Management and North zone user convention held at IIT, Roorkee during 18 – 19 November 2010. Over 200 academicians from different institutes participated in the seminar and discussed issues related to E-repositories, digital library, managing shift from print to digital medium, access management etc. Initiatives of Vigyan Prasar in managing the web portal and digital library was presented by VP scientist.

UNU-MERIT Workshop on Indian System of Innovation

Vigyan Prasar participated in UNU-MERIT workshop on Indian System of Innovation during 28 – 30 July 2010 at India International Center, New Delhi . The workshop presented the different facets of innovation in India and examined to what extent innovation has promoted economic growth as well as inclusive development. VP scientists discussed on innovations in science communication.

## PARTNERSHIP PROGRAMME

“Development of life skills integrated learning materials” for National Institute of Open Schooling (NIOS).

Vigyan Prasar in collaboration with NIOS and UNPFA (United Nations Population Fund) is developing material on “Development of life skills integrated learning materials” for secondary curriculum in science for National Institute of Open Schooling (NIOS). This project is being coordinated by UNFPA-MHRD, Govt. of India supported Adolescence Education Programme (AEP in Schools).

This programme is being implemented in three selected secondary level courses i.e. Hindi, English and Science. Spectrum of issues related to the curricular approach and integrated AEP issues recognizing the risk. The task has been undertaken with objectives such as promoting thinking skills, inculcating values based behavior, improving interpersonal communication and reducing stress, risk taking behavior, morbidity and mortality.

VP has been entrusted with the development of 32 lessons in science by experienced lesson writers and practical manual have to be prepared. A panel of eminent professors, subject experts, communicators has been constituted to assist the writers as mentors. The project began on May 2010 would be completed by October 2011.

The lessons are in different stages of completion.

### Awareness campaign on HIV/AIDS, Mental illness and Multiple Disabilities

Vigyan Prasar organised a 10 days awareness campaign on HIV/AIDS, Mental illness and Multiple Disabilities in Human Beings during December 1-10, 2010 in association with United Nations Information Centre for India and Bhutan and Coalition for Rural Empowerment (NGO).

The campaign was organized through Road Shows, Stalls, Kiosks, Exhibits, Painting, Quiz, Slogan and Essay Competitions, Banners, Posters, Media Reports, Public Lectures, Seminars and Interface with affected citizens and their support groups. The participants were schools, colleges, youth organizations, patient groups, writers, photographers, artists and journalists.

As part of 10 days awareness campaign following events/days had been celebrated with interactive programmes: the World AIDS Day (1st December 2010), the World Disability Day (3rd December 2010), the International Volunteers Day (5th December 2010), Seminar of Care Givers and Users of Mental Health Services (8th December 2010) and the Human Rights Day (10th December 2010).



Awareness Programme on World AIDS Day 1st December 2010



Drawing competition and exhibition organised during World AIDS Day 2010

The outcome of the campaign is increased awareness on AIDS and Mental Illness, as well as Multiple Disabilities in Human Beings, their prevention and cure. There was an extraordinary response and awareness among participants about the aims and objects of Vigyan Prasar.



*Red Ribbon Human Chain on World AIDS Day 2010*

Faculty Training and Motivation and Adoption of schools and colleges by CSIR Labs



*Workshop in progress at CBRI, Roorkee*

Under this CSIR scheme, Vigyan Prasar organized workshop at Central Building Research Institute, Roorkee on 29 March 2011. Faculties and students from five schools participated in the workshop. Vigyan Prasar provided "Emergence of Modern Physics" kit and "Innovative Experiments in Physics" CD to all the participants. CBRI also purchased a set of VP publications.

## COLLABORATIVE PROGRAMMES

### Agarkar Research Institute (Pune)

A database of about 125 project based on various aspect of biodiversity was developed along with methodology to test some selected hypothesis, which was used by the science clubs to develop their projects. The same is now being converted into a manual with illustration and photographs for publication by VP. A manual "Biodiversity Register" for community and science clubs to provide a sustained base of socially relevant activities is ready in Marathi language and same is being translated into English. Both the manuals will be made available in ready to print format soon on the webpage of VP.

### M.P. S&T Council

Vigyan Prasar with MP Council of Science and Technology and Science Centre, Gwalior, undertook a joint project to provide sustainable activities for science clubs. The project started two years back. This year, training programmes on Observing Nature and conserving biodiversity was organized in which 80 teachers were trained. At present there are about 200 science clubs for which a few more activities programmes will be organized as part of International Year of Chemistry 2011 and programme relating to Transit of Venus ( June 6, 2012). This is a pilot project named "Vigyan Shala Pariyojana" of MP State Council for S&T to make science teaching and learning a more interesting and enjoyable process to retain and sustain interest of the students in science. VP is providing technical support to this programme.



## MASS AWARENESS THROUGH FILMS AND BOOKS

### A film on Central Drug Research Institute, CSIR

VP produced a film on Central Drug Research Institute (CDRI), during its Diamond Jubilee Year 2011. A centre of excellence dedicated to drug research, CDRI is considered to be a pioneer research organization in the field of biomedical research where all the infrastructure and expertise are available to develop a drug right from its concept to market. This is a first of its kind a collaboration of Vigyan Prasar with a CSIR lab towards mass awareness through film. The film highlights the drug discovery and research in simple language and interesting manner with the achievements of CDRI.

### Films on Vigyan Prasar

Vigyan Prasar produced an introductory film of 10 minutes and a corporate film of 30 minutes duration on its activities to highlight science communication & dissemination activities of VP. It covers various developments of resource material and variety of interactive programme conceived, implemented and executed by VP.



Introductory Film on Vigyan Prasar

These films are being shown in various seminars, workshops and other interactive programmes organised by VP to convey the messages of science awareness and scientific temper. A spot on VP activities of 30 seconds duration is under preparation which will cover and highlight VP's efforts towards science communication.

### VP 20 album

Vigyan Prasar prepared an album with the highlights of its activities since its inception. The objective of this album is to document VP's aims, mandates and philosophy to scientific community. As the mission on scientific temper and awareness is taken by VP, it is necessary to motivate and inform our scientists & technologists, students & academicians more about VP and its activities. VP 20 album covers last 20 years' initiatives of VP.

## RASHTRIYA VIGYAN CHALCHITRA MELA

During the 98th Indian Science Congress, Vigyan Prasar organized India's First Science Film Festival "Rashtriya Vigyan Chalchitra Mela and Competition" at SRM University, Chennai during 4 to 7 January 2011. It was organized to facilitate, nurture, recognize and encourage outstanding science film producers. Jangirabad Media Institute, Barabanki, UP and Tamil Nadu Science Forum, Chennai were the partners who provided the technical and event support respectively. Competition had the three categories; (a) Popular Science Programme (duration more than 20 mts), (b) Short Film on Science and Technology (duration less than 20 mts) and (c) Animation and Graphic film/video on Science and Technology.

The competition has attracted outstanding science and technology video films produced in the country and set a new bench mark for excellence. There were 58 entries received in different categories. Out of these, 11 films in the 'Popular Science Programme', 09 in the 'Short film on science and technology' and 02 in the 'Animation and Graphics film on science and technology' were shortlisted.

During the first three days shortlisted science films were screened which were well received by the viewers. The films under different categories for awards were selected by a national jury. Jury members were well known and prominent personalities of science communication. The team was lead by Mr Kiran Karnik while Er Gauhar Raza, Mr Amar Kanwar, Mr U. Radhakrishnan and Mrs Saba Dewan were the members of the jury.

The Science Film Festival was inaugurated on 4th January 2011 by Er Gauhar Raza, Eminent Science Film Maker, and Scientist & Jury Member. Er Anuj Sinha, Director, Vigyan Prasar, gave the opening remark and welcomed the participants. The festival was well attended by enthusiast film makers, producers, delegates and science communicators.

Award presentation ceremony was at T. Ganeshan Auditorium Hall no. 1 within the campus of SRM University. Guest of Honour was the Prominent Film Maker Dr Adoor Gopalakrishnan and Chief Guest was Prof. K. C. Pandey, General President of 98th ISC. Awards were presented by the Dr Adoor Gopalakrishnan and Er Gauhar Raza. The award winning films as well as the winner of certificate of merit along with the producers and directors of films are listed below:

### First Category: 'Popular Science Programme'

'Golden Beaver Award'

Film Title: 'Bahari Duniya ke Ajab Sanket'

Film Director: Mrs. Seema Muralidhara,

Beacon Television, Mumbai



'Silver Beaver Award'

Film Title: 'Doorbin ke 400 saal',

Film Director: Sri Rakesh Andania, Credence Media, New Delhi



'Bronze Beaver Award'

Film Title: 'Butterflies'

Film Producer: Dr Babu Sabastian,

State Institute of Education Technology, Tiruanantapuram

Film Director: Sri Suresh Elamon



Second Category: 'Short Films on Science & Technology'

'Golden Beaver Award'

Film Title: 'Action Reaction',

Film Director: Mrs. Anita Gupta,

Central Institute of Educational Technology,

NCERT, New Delhi



'Silver Beaver Award'

Film Title: 'Ants All Around Us',

Film Producer: Dr Babu Sebastian,

State Institute of Education Technology, Tiruanantapuram

Film Director: Sri Suresh Elamon



'Bronze Beaver Award'

Film Title: 'Beyond Bicycle'

Film Producer & Director: Sri Matiur Raheman,

Television Programme Company, New Delhi



Third Category: 'Animation and Graphics Films on Science & Technology'

'Golden Beaver Award'

Film Title: 'Pupi-2',

Film Director: Mr. K. S. Madhu,

Hibiscus Digital Media, Thiruanantapuram



There were no winners for the Silver and Bronze Beaver awards in this category.

### 'Certificate of Merit'

To encourage the science film makers, Vigayn Prasar honored the short listed films (given below) by presenting them with the 'Certificate of Merit' :-

- Tahamina Begum from Doordarshan Kendra-Kolkata for the film 'Telescope and Galileo'.
- Sri Bharat Shitole from BHU Entertainment, Mumbai for the film 'Baate Raaj Ki'
- Dr P V Sunil Kumar from Vikram Sarabhai Space Center, Thiruanantapuram for the film 'Touching the lives'
- Moasunep Kichu, and Subha Das Mollick from EMMRC, St.Xavier College Kolkata for the film 'History of Sound Recording'
- Dr P K Bhattacharya from National Council of Science Muesum, Kolkata for the film 'Aachrya Jagdish Chandra Bose'
- Sri Satish Pandye from Lucrative Eye, New Delhi for the film 'Engineering Marvels- the signature bridge'

## NATIONAL PHOTOGRAPHY COMPETITION

On the occasion of International Year of Chemistry-2011, Vigyan Prasar announced a National Photography Competition based on the theme – ‘Chemistry in daily life’. It was to encourage, facilitate, nurture and recognize excellence of understanding the nature through photographs. The other aspect of this competition was to generate interest in chemistry and to assess the understanding of chemistry in daily life. The entries were invited till 31 December 2010. Shri Anjali Rai Mehta, Ms Rini Khanna and Dr Mahanti were the nation jury for selecting the best photograph. The winners of the competition are:

### Title : Colour of Life

First Prize: ₹ 10,000 + Voucher of ₹ 2000 for purchasing Vigyan Prasar Publications.

Winner: T. Srinivasa Reddy

Photo India, 29-36-33, Museum Road,  
Vijaywada (AP) 520002



*Colour of Life*

### Title : Copper object cleaned with tamarind

Second Prize: ₹ 7,500 + Voucher of ₹ 1000 for purchasing Vigyan Prasar Publications.

Winner: Ajay Choudhary, Photographer

Chatatand Bazar, Bhojudih, Dist: Bokaro,  
Jharkhand 828303



*Copper object cleaned with tamarind*

### Title : Life saving chemicals

Third Prize: ₹ 5,000 + Voucher of ₹ 500 for purchasing Vigyan Prasar Publications.

Winner: G. S. Unnikrishnan Nair "Anjana"

TC 25/3178, VRA- D39, Vanchiyoor,  
Trivendrum-695035



*Life saving chemicals*

Consolation Prize: Voucher of ₹ 500 for purchasing Vigyan Prasar Publications.

(Only 07 consolation prizes are found suitable)

Sr. No	Name of Photograph	Name of the participant
01	All you have to do is bite	Akshat Arora K-38 A First Floor Kalkaji, New Delhi 110019
02	Denaturation	Jagrit Vij E-36, West Patel Nagar, New Delhi 110008
03	Arnaya Aaswan	Sukhiya Uikey Class-12 Govt. Excellence Secondary School, Kesla, Dist: Hoshangabad
04	Fire Blower	Ch. Narayan Rao, News Photographer New Indian Express, Door 43-139-11/2 Sivalayan I Ind Street, Piple Road Centre, Vijaywada 520015
05	Baloons	Garvit Patodia C498, Yojana Vihar, Ground floor, New Delhi, 110092
06	Fire Blower	Ch. V. S. Vijay Bhashkar Rao 20-3/1-75B Opp. Maruti Tower, Ayodhya Nagar, Vijaywada 520003
07	Lemon Magic	Abhay Makhija, 1515, Outram Lines, GTB Nagar, Delhi-110009

## PUBLIC RELATIONS ACTIVITIES

Vigyan Prasar organised press conferences to increase its reach to the masses. Following press conferences and press meets have been organised:-

### Press conference on International Biodiversity Day

A press conference on International Biodiversity Day May 22, 2010 was organised at Press Club of India, New Delhi to announce the plan of action and vision of Vigyan Prasar for "Science Outreach Campaign for Year of Biodiversity".



*Journalists and media persons during the press meet on biodiversity on May 22, 2010*



*Press meet on International Biodiversity Day May 22, 2010*

Prof. C. K. Varshney, Environmentalist & Former Professor, JNU addressed the conference as keynote speaker. Vigyan Prasar announced a slogan to conserve biodiversity - "*samagra vikas kaise hoga, jaiv vividhta ke sangrakshan se hoga*" (Sustainable development critically depends on conservation of biodiversity); slogan was released by Ms. Arfa Khanum, Documentary Film Maker & Vice President, Aligarh Muslim University Old Boys Association, New Delhi chapter.

Press conference was well attended by representatives of various media houses, science communicators and editors of the science magazines.

### Press conference on composite science communication programme on Women's Health and Empowerment for Prosperity and Social Change

A press conference to announce a composite science communication programme on Women's Health and Empowerment for Prosperity and Social Change with special emphasis on Malnutrition in downtrodden Women and Children was organized on March 7, 2011 at Press Club of India, New Delhi.

This conference was organized to share the VP's interactive programme on science and health communication on "Women's Health and Empowerment for Prosperity and Social Change" to mark the occasion of the International Women's Day. This programme was planned in partnership with Institute for Gender Justice and Sudinalay – Centre for Women, New Delhi.

Vigyan Prasar announced a slogan for this programme - "*Bharat se India jurega jab mahila sashakt hogi tab*" which was released by Prof. Dr. Kiran Walia, Hon'ble Minister of Women and Child

Development and Social Welfare, Government of NCT Delhi and Ms Santosh Yadav, Famous Mountaineer. During the press conference following sub-themes of the programme were explained to media representatives - Malnutrition vs. Nutrition: Myths, Realities and Best Practices for a Healthy Life; Non-communicable Diseases in Women such as Obesity, Hypertension and Cardiac ailments; Cervical Cancer; HIV/AIDS; Depression and Mental Health.

Press conference on field based interactive programmes on “Women’s Health and Empowerment for Prosperity and Social Change”

A press conference on field based interactive programmes on “Women’s Health and Empowerment for Prosperity and Social Change” was organised on March 14, 2011 at Press Club of India



Press conference on women & health issues on 7th March 2011

The press conference was focussed to highlight the VP’s initiative on the above mentioned programme.

Under the theme of International Women’s Day “Equal access to education, training and science and technology: Pathway to decent work for women”, Vigyan Prasar in association with Sudinalay and Institute for Gender Justice held a week long joint consultative meets at various slums and JJ clusters of Delhi to educate women and the families on perils of diseases such as Malnutrition/Anaemia, Depression/Mental Illnesses, Non Communicable Diseases such as Obesity/Hypertension, Cervical Cancer/Breast Cancer.

VP shared its an unprecedented approach, grass root consultations which took place in conference style in thickly populated Govindpuri, Nehru Camp, Bhoomiheen Camp, Kabir Basti, Chandni Chowk, Fatehpuri etc. Women came out of homes in large numbers to attend these conferences.

VP also shared the feed-back of this field based interactive programme which include- increased awareness on the causes, symptoms and prevention of diseases, improved understanding of scientific medical care rather than quack based services and development of a social chain at the grass root for future references.



## NATIONAL SCIENCE DAY CELEBRATION - 2011

National Science Day was celebrated on 28th February 2011 in collaboration with National Institute of Open Schooling (NIOS), Ministry of Human Resource Development at NOIDA. The theme of the day was 'Chemistry: Our Life- Our Future'.

The objective of this programme was to build linkages with scientists, students and teachers of various institutions, schools and colleges and to introduce the facets of developments in chemistry under the International Year of Chemistry 2011 to community.



*Er Anuj Sinha, Director, Vigyan Prasara delivering opening remarks on National Science Day 28th February 2011*



*National Science Day celebration on 28th February 2011*

During the day, an exhibition on science & technology was organised to showcase technological developments in nano-technology, innovative experiments, popular science publications, and colourful posters. Vigyan Prasara exhibited its popular science publications, posters and interactive resource material like activity kits, CD Roms, films etc. Many academic institutions displayed their activities and achievements in an exhibition set up at the Regional Centre of NIOS.

Vigyan Prasara organized a day long activities for school and college students. Participants were from schools and colleges and other technical institutes of Noida and around. Face to Face interaction with scientists was held in which Shri SK Saraswat, CEO Thar Education Foundation delivered the National Science Day Oration on "Outreach learning programmes beyond four walls...with special reference to IYC-2011". Prof R K Sharma, Chemistry Department, University of Delhi delivered a lecture on "Necessity of Green Chemistry for sustainable future". He emphasized the application of principles of 'Green Chemistry' in performing interesting experiments in the college laboratories. His presentation was followed by intense discussion with the participants in the face to face session.

Several competitions were organized during the programme under the theme 'Celebrating Chemistry: Our Life-Our Future' and this drew a large number of participants. During the event four competitions for students were organized including debate, quiz, poster and cartoon competition. Prizes were given to all the winners in the competitions.

## INTERNSHIP

Five B.Tech students completed their internship during the year. Two projects were completed. These are:

1. Validation of online applications  
Vigyan Prasar website is having a number of online application forms. The project was done to authenticate and validate data.
2. Online data processing and report generation  
Online data is stored in back-end database. Project was carried out to process data, query processing and generation of reports based on user queries.

## Exhibition of science films produced by Vigyan Prasar

VP has signed MoU with SIMCO Foundation (Saviour Innovent Mass Charitable Organizing Foundation) for dissemination of VPs science films and publications in the state of Uttar Pradesh, Uttarakhand and Madhya Pradesh. VP would make available copy of Audio-Visual content (in CD/DVD) free of cost to SIMCO for exhibition in schools and villages. VP, however, will not meet any expenses for the exhibitions. SIMCO Foundation will also carry VP brochures, catalogue and a set of publication to all the exhibition sites.

## Marketing of VP software

VP is trying for marketing of its software through different channels of distributors and other government agencies. As part of this effort, M/s A. H. Wheelers Co. Pvt. Ltd. has shown interest in selling VP's software in its 350 stalls located at railway stations. Through National Council of Science Museums (NCSM) and other exhibitions VP has distributed and sold its software.

Vigyan Prasar participated in the following book fairs/exhibitions during the period under report:

Sr.no	Book Fair/Exhibition Name	Place	Held in month/year
1.	16th Delhi Book Fair	New Delhi	25.12.2010-2.1.2011
2.	Pune Book Fair	Pune	20-24 Oct, 2010
2.	NBT National Book week	New Delhi	14-20 Nov, 2010
3.	16th Delhi Book Fair	New Delhi	25 Dec, 2010-2 Jan 2011

## AWARD

### Medini Puraskar

The Minister of State for Environment and Forests, Shri Jairam Ramesh presented the "Medini Puraskar" to Shri Navneet Kumar Gupta, Project Officer (EduSat), VP, for his book's Global Warming Ka Samadhan: Gandhigiri at the 'International Ozone Day' celebrations in New Delhi on 16 September 2010. He was awarded the first prize, which carries Rs.31,000 in cash and a citation. The "Medini Puraskar Yojana" was started by the Ministry of Environment and Forests to promote original Hindi book writing on environment and related subjects like forests, wildlife, pollution, and water resources.



*Shri Jairam Ramesh, Minister of State for Environment and Forests presenting the Medini Puraskar to Shri Navneet Kumar Gupta of VP*

## PAPERS PUBLISHED BY VIGYAN PRASAR SCIENTISTS

Dr Subodh Mahanti, Scientist - F

1. "Institutionalized Science and Technology Popularization in India – A Descriptive Account" in History of Science, Philosophy and Culture in Indian Civilization. Vol. XV, Part – 2. Science and Public, Ashok Jain (Editor), New Delhi : Centre for Studies in Civilization, 2010.
2. Early Years of Subrahmanyan Chandrasekhar in Remembering Chandra, Manas Pratim Das (Editor), Kolkata: Ganadarpan, 2010..
3. Joseph Priestly: The Founder of Pneumatic Chemistry, Dream-2047, March 2010.
4. John Dalton: Founder of Modern Atomic Theory, Dream-2047, April 2010.
5. Henry Cavendish: Discoverer of Hydrogen, May 2010.
6. Dmitri Ivanovich Mendeleev: Creator of the Periodic Table of Elements, Dream-2047, June 2010.
7. Amedeo Avogadro: Founder of the Atomic-Molecular Theory, Dream-2047, July 2010.
8. Gerty Theresa Cori and Carl Ferdinand Cori: Who showed how energy is produced and distributed in human body, Dream-2047, August 2010.
9. Jons Jacob Berzelius: A Great Systemiser of Chemistry Dream-2047, September 2010.
10. Justus von Liebig: The Greatest Chemical Educator of His Time, Dream-2047, October 2010.
11. Humphry Davy: Founder of Electrochemistry, Dream-2047, November 2010.
12. Robert Burns Woodward: The Greatest Deviser of Organic Syntheses, Dream-2047, December 2010.
13. Paul John Flory: Founder of Modern Polymer Science, Dream-2047, January 2011.
14. Alfred Werner: Founder of Coordination Chemistry, Dream-2047, February 2011.

Dr. T. V. Venkateshwaran, Scientist - E

<p>Popular Science articles in English/ Tamil and Hindi (Trs)</p>	<ol style="list-style-type: none"> <li>1. Dinosaur dung and evolution of grass, Dream 2047, November 2010</li> <li>2. For want of a nail; Keystone species, Dream 2047, July 2010</li> <li>3. Rocket science helps rescue of trapped miner, Dream 2047 December 2010</li> <li>4. Beetles of the World, Science Reporter, Jan 2011 5.Tales From Our Grandma – Ardi, Science Reporter December 2010</li> <li>6. Suyapirangai ariya uthavum kannadi thervu (scientific investigation of self – in Tamil ) Semmalar Feb 2011.</li> <li>7. Paal arugum pazhakkam eppothu thuvngiyathu (origin of habit of drinking humans milk) Thulir September 2010</li> <li>8. Guhai oviyangal (Palaeolithic cave habittions in India), Thulir August 2010</li> <li>9. Saving elephants, VIPNET news May 2010</li> <li>10. Erumbukku sethuvittathu ena erumbukku eppadi theriyum? (How does the ant know another ant has died?) Thulir May 2010</li> <li>11. Uruvu kanndu ellamai vendum, Thulir October 2010</li> <li>12. xgjs l enz ds ullg vkr dlnh (organisms in deep ocean) Indradanush August, 2010</li> <li>13. Mlk; ukl kj dk xkj vjs ?kkl (Evolution of Grass) Indradanush September, 2010</li> <li>14. l cl s dely dk xky (Carlo's impossible kick) Indradanush October, 2010</li> <li>15. Ldh tfix (Ski-jumping) Indradanush October, 2010</li> <li>16. ikrty ls yk/s ylx (Chile miners escape) Indradanush November, 2010</li> <li>17. xQk ;k nkuo dk egW (Indradanush December, 2010</li> <li>18. 'kr'kkl u l s i kuh tek djusokys tUrq(Nabib beetle and water harvesting) Indradanush March 2011</li> <li>19. vkbusvkbus; g crk (Mirror mirror on the wall..) Indradanush March 2011</li> </ol>
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	<p>in addition to above articles have appeared in Ariviyal Oli, chutti vikadan, Arunchattai Tamizlar etc.</p>
<p>Popular science books published</p>	<ol style="list-style-type: none"> <li>1. Galilio- Heretic to Hero, Vigyan Prasar New Delhi 2009</li> <li>2. Nilavukkul Povom ( Chandrayan mission) Bharathi Books, Chennai 2010</li> <li>3. Nizhal Vilayattu – On Eclipse, Bharathi Books, Chennai 2010</li> <li>4. Pongal Giraganam- on Annular eclipse of 2010, Science Publications, Chennai 2010</li> <li>5. Kadal (Ocean- in Tamil) Science Publications, Chennai 2010</li> <li>6. Kai Sollum kathai, (Tales that hand tells- role of thumbs in evolution of modern humans), Books for children, Chennai 2010</li> </ol>
<p>Research papers in refereed journals</p>	<p>Did Ardi Walk for Sex? Gender, Science and World Views, Economic &amp; Political Weekly EPW January 15, 2011 vol xlvi no 3</p> <p>Role Play based approach for Elementary Astronomy Education, Episteme- 4 HBCSE- TIFR Mumbai Macmillan India Ltd (2011) pp 374-379.</p>

Shri B K Tyagi, Scientist - D

<p>Research Article</p>	<ol style="list-style-type: none"> <li>1. Based on the feedback received from the teachers, science clubs on Kits (Biodiversity and Weather) a paper as case study was accepted for presentation in 7th International Conference on "Hands On Science ( HSCI2010) " organized at University of Crete Campus at Rethymno-Greece. The detailed paper has been published in the proceedings of the conference as Activity Kits (Biodiversity and Weather) - An Indian Hands-on-Experience.</li> <li>2. A research paper "Re-defining the Conceptual Framework of Science Communication in India" which was presented at International Conference on theme "Liberalizing Research in Science and Technology: Studies in Science Policy" is now published in a book form brought out by jointly by the Indian Institute of Technology Kanpur (IITK) and the Centre for Sociological and Science-studies Research (IHST), Russian Academy of Sciences, Saint Petersburg.</li> </ol>
<p>Popular Articles</p>	<p>About 35 theme/information based articles, features were also written in VIPNET NEWS.</p>

Nimish Kapoor, Scientist 'C'

<p>Abstracts</p>	<ol style="list-style-type: none"> <li>1. 1.Developing resource material for mass awareness programmes on biodiversity conservation. In proceedings of SAARC Workshop on Biodiversity Conservation organized by Banaras Hindu University, Varanasi on September 21-22, 2010. pp. 90.</li> <li>2. Technology communication for capacity building and skill development in farmers and village leaders. In proceedings of 13th Indian Agricultural Scientists and Farmers' Congress on Sustainable Developmental Strategies for Food Security, Biodiversity and Livelihood Security organized by Bioved Research Institute of Agriculture and Technology, Allahabad on February 19 – 20 2011. pp. 103-104.</li> </ol>
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<p>Paper</p>	<p>1. Vigyan sanchar ki behtar samagh ke liye prashikshan ki aavyashyakata (Necessity of training for better understanding of science communication). In proceedings of Akhil bharthiya sanyukta rajbhasha vaigyanik / takniki sanghoshti (All India official language conference on science / technology) organized by Defence Research and Development Organization (DRDO) from March 17, 2011. pp. 139 - 143.</p>
<p>Book Chapter</p>	<p>1. Samajik, arthik aur prodyogiki sarokaron ke rakshak- boudhik sampada adhikar (Safeguards of social, economical and technological concerns – Intellectual Property Rights). In book titled Boudhik Sampada Adhikar -Paramparagat gyan se adhunik jav vigyan tak (Intellectual Property Rights – from traditional knowledge to modern biology), 2010. Editors: Arvind Kumar and Govind Das. pp. 34 - 39.</p>
<p>Popular Science Article</p>	<p>Vigyan evum prodyogiki patrakarita men vyavharik evum vyavsayik drishtikon ki avshyakta (Requirement of applicable and professional approach in science and technology journalism). Aanchalik Patrakar (monthly), August 2010. pp. 8 - 12.</p>



## PROPOSED ACTIVITIES FOR THE YEAR 2011 – 12

- VP will continue to produce useful popular science literature in different Indian languages. Emphasis will be given on production of original literature. However, translation of good books will be continued. State S&T Councils, NGOs and private publishers will be encouraged to bring out VP publications in local languages. Efforts will be made to make VP publications available in different parts of country.
- Publication of VP's monthly newsletter-cum-science popularisation magazine will be continued. Its contents will be further enriched and diversified. The output will go up several folds since commercial houses have continued to neglect this field.
- Suitable resource materials for the neo-literates particularly farmers, artisans and disadvantaged groups will be produced.
- VP will continue its effort to enhance science coverage in TV and radio. More and more programmes will be produced in regional languages. For popularising science films and to encourage science-film makers VP will continue to Rastriya Vigyan Chalachitra Melas (Science Film Festivals) in different parts of the country. Realising the dearth of good science film-makers and radio programmers VP will also continue its efforts in training film makers and broadcasters. The network of EduSat interactive terminals needs to be increased three fold and be used more effectively for science communication.
- Community radio will also be utilised. A large number of five minutes modules will be developed to serve as trigger for community interaction.
- VP will continue to maintain and update its web portal ([www.vigyanprasar.gov.in](http://www.vigyanprasar.gov.in)), which has emerged as one of the comprehensive sites of popular science. The scope of its important features like digital library, streaming video/audio, discussion forum, live chat sessions, archives etc will be further expanded. VP will continue to produce CD-ROMs on different aspects of science & technology. The fortnightly clip set service compiling clippings of S&T news from over 150 news papers/magazines in Hindi and English will be converted into a digital service.
- VP will continue to organize outreach promotional programmes for HAM radio technology demonstration.
- A mechanism with VP may be created to develop interesting programmes for radio, television, EduSat and the digital media. Well designed systems should ensure streamlining in processing of concepts and pursuing approved ones into products. In-house capacity should include animation facility, digital library, editing suits, recording equipment and more. Excess capacity can be hired to private producers on market rates. To operate on commercial lines this body should have flexibility to grow into a viable production centre.
- VP will strengthen its network of science clubs. Training programmes will be organised for club members so that they can regularly organise interesting activities. Incentive schemes will be devised to encourage the clubs.
- VP's activity kits are being used as teaching aids and creating awareness about natural disasters, biodiversity, celestial phenomena like total solar eclipses, total lunar eclipses etc.

More such kits in different subjects will be brought out. Scope and quality of the existing kits will be further expanded.

- " Demonstration experiments in physics developed by VP have become immensely popular. VP has also developed demonstration chemistry. VP will continue to organise workshops for familiarising the teachers with these experiments so that they can use these experiments in their classes. Similar experiments will be developed in other subjects.
- " VP will continue its astronomy popularisation programmes. A nation-wide programme will be organised during the Venus transit in 2012.
- " VP will undertake the production and dissemination of resource materials on a large scale for technology communication. Training programmes and skill development workshops will be organised.
- " VP will build awareness programmes for bridging the gender gap. Programmes and resource materials will be produced for women of different age groups, regions and background spread across the country. Programmes will be organised for creating awareness about technologies that have contributed or have potential to help women to increase productivity, reduce drudgery, and create new entrepreneurial ventures.
- " VP has organised a number of programmes on the occasion of the International Year of Chemistry and these programmes will be continued.
- " Programmes initiated in creating awareness about climate change and biodiversity will be continued.
- " VP will strive to establish a unit for research in all areas of public understanding of science may be seeded and nurtured to become a dynamic centre for outstanding research and development work.
- " VP will continue to organise training programmes/workshops on the following themes:
  - Science writing
  - Translation
  - Science club activities    skill up gradation activities for planning implementing activities
  - Telescope-making workshops
  - Teachers training using activities kits/demonstration experiment
  - General awareness

VP will continue to take part in science exhibitions, and book fairs.

## IMPLEMENTATION OF THE OFFICIAL LANGUAGE POLICY

### Activities of Official Language Implementation Committee, VP

1. Rajbhasha workshop “Computer and Hindi” on 29th June 2010

Vigyan Prasar organized a departmental Rajbhasha workshop on Computer and Hindi on 29th June 2010. Objective of the workshop was to train VP staff with the appropriate use of computer for Hindi work and create more Hindi work through computers. VP invited senior scientists and engineers from C-DAC, Noida for training and demonstration on Hindi computer software.

2. Hindi Pakhwara during September 14 to 28, 2010

Hindi Pakhwara 2010 was celebrated with organizing various competitions on Rajbhasha for VP officials including (i) Extempore (ii) Essay writing (iii) Hindi typing (iv) How can we promote Hindi in the office (a competition based on new & creative ideas).

3. Science communication and Hindi: a symposium

On the occasion of Hindi Pakhwara 2010, Vigyan Prasar organized a symposium titled “Hindi aur vigyan sanchar (Hindi and Science communication)” on 28 September 2010. The scientists of the Institute presented their thoughts and research-review articles in the symposium.

4. Nomination of VP employees for official language training programme

Vigyan Prasar nominated three employees for official language training programmes under the following categories: Prabodh Pathyakram, typing course and shorthand course

5. Quarterly Meetings of Official Language Implementation Committee

Vigyan Prasar’s official language implementation committee organized regular quarterly Rajbhasha meetings.

## GENERAL BODY AND GOVERNING BODY MEETINGS

38th Governing Body was held on  
6 October 2010.

ANNUAL ACCOUNTS

Annexure – I: Administration

Annexure – II: Auditor's Report

Annexure III – Reply to Auditor's Report

## ANNEXURE – I: ADMINISTRATION

### MANPOWER

Group	No. of Scientific/ Technical Personnel	No. of Administrative/ Secretarial Personnel
A	10	2
B	2	6
C	Nil	7
D	0	0

\* Presently Er Anuj Sinha, Consultant, DST, is the Honorary Director of Vigyan Prasar.

#### Prevention of Sexual Harassment of Women at Work Place

Necessary mechanism has been placed in compliance of the instructions on the subject.

#### Vigilance Report

During the year no complaint was received by the Vigilance Officer of the Organization. The monthly and quarterly reports related to vigilance were submitted regularly to the Chief Vigilance Officer, DST, Govt. of India.

#### Grievances Redressal Mechanism

The mechanism of Redressal of Grievances of the employees of the Organization is available. The first Wednesday of every month is observed as Grievance Redressal Day, if any. A Suggestion / Complaint box is installed at office premises which is checked regularly.

#### Implementation of Right to Information Act

The provisions of RTI Act have been implemented through nomination of CPIO and the Appellate Authority of the Organization.

#### Budget

Grant of Rs 1001 lakhs was released by DST and the actual amount spent during 2010-11 was Rs 1001 lakhs.

## Annexure – II : Auditor's Report

### AUDITOR'S REPORT

We have examined the balance sheet of Vigyan Prasar, A-50 Institutional Area, Sector 62 ,NOIDA 201307,U.P as at 31st March 2011 and income and expenditure account along with receipt and payment account for the year ended on that date which are in agreement with the books of account maintained by the said society .

We report that:

- I. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of the audit.
- II. In our opinion proper books of accounts have been kept by the society for our examination, subject to the points mentioned below.

During our audit we have noted that:

1. A sum of Rs. 4,81,664.70/- has been written off from the head fixed assets & has been debited to the head of consumable Store as the said amount was wrongly debited to fixed assets at the time of its purchase.
2. Delay in deposition of tax deducted at source was found in case of payment made to contractor. Tax deducted to the tune of Rs. 4,032 was to be deposited by 7th Sept. 2010 but the same was deposited on 1st Oct. 2010.
3. A sum of Rs. 2,70,000/- received from CDRI and a miscellaneous receipt Rs. 30,000/- was deposited in to the bank account of the society on 14.01.2011. Nevertheless, the same was entered in the books of account of the society at the end of the year i.e. on 31st of March, 2011.
4. In order to maintain strong control over cash transactions it is recommended that a petty cash book should be strictly monitored for disbursing the cash on day- to- day basis.
5. Two FDR's of Rs. 20,000/- each aggregating to Rs. 40,000/- were made by Vigyan Prasar on 7/11/1996 which were deposited with the Sales Tax Department as a security for its registration with them. Neither the amount of FDR's nor the interest accrued thereon was entered in the books of account. The total amount of interest accrued up to 31st march, 2010 was Rs. 1,04,630/- . However necessary reflection of the said FDR" has now been made and the amounts have been duly recorded in the books of accounts to give a true and fair view of state of affairs of institution.
6. Two projects namely Project STAC and Science & Technology Programme DST showed a debit (negative) balance of Rs. 34,352/- and Rs. 93,500/- since the beginning of the year. No adjustments toward the same have been made during the financial year under audit.
7. A sum of Rs. 13,11,100/- incurred and shown under the head office Building relates to expenditure on preparation and approval of site plan for office building.

Date : 24.08.2011  
Place : Roorkee

For Hemant Arora & Co  
Chartered Accountants

CA. Hemant K. Arora  
Partner M.No: 071262

**VIGYAN PRASAR, A-50, SECTOR-62, NOIDA  
BALANCE SHEET AS AT 31/03/2011**

CORPUS CAPITAL FUND AND LIABILITIES			Amount (Rs.)	
Schedule	Current Year	Previous Year		
1	83,225,955.96	73,906,594.16		
2	(511,023.00)	110,033.00		
3	1,781,758.45	1,931,507.00		
<b>TOTAL</b>	<b>84,496,691.41</b>	<b>75,948,134.16</b>		
<b>ASSETS</b>				
4	11,882,715.35	13,152,747.01		
5	72,613,976.06	62,795,387.15		
<b>TOTAL</b>	<b>84,496,691.41</b>	<b>75,948,134.16</b>		

Signed as per our report of even date attached

For Hemant Arora & Co  
Chartered Accountants

sd/-

Hemant Arora  
Partner  
M.No 071262

sd/-

J.K.Chandel  
Accounts Officer

sd/-

Somesh C Jhingan  
Registrar

sd/-

ER.Anuj Sinha  
Hony.Director

Date : 24.08.2011

Place : Roorkee

**VIGYAN PRASAR, A-50, SECTOR-62, NOIDA**  
**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31/03/2011**

**SCHEDULE-1**

CORPUS/CAPITAL FUND	Current year	Previous year
Balance at the beginning of the year	73,906,594.16	61,504,033.57
Add: excess of income transferred from income and expenditure account	9,319,361.80	12,402,560.59
Balance as at the year end	83,225,955.96	73,906,594.16

Amount (Rs.)

**SCHEDULE-2**

Earmarked/ Endowment Funds	PROJECTS													TOTAL	
	Rajat Jayati Vigyan Sancharak Fellowship	CDRI	UNFPA	SERC	IDRC Project	NSTMIS	UNESCO	Women in Science	STAC- Project	Science & Society	State Science & Technology	Vigyan Rail	International Division DST	Current Year	Previous Year
A) Opening Balance	150000.00	0.00	0.00	-73028.00	114590.00	-15946.00	89900.00	-48426.00	-34352.00	-132244.00	-93500.00	16389.00	136650.00	110033.00	171434.00
B) Additions	0.00	320000.00	45280.00	0.00	0.00	0.00	250000.00	0.00	0.00	376700.00	0.00	0.00	558466.00	1550446.00	1125400.00
TOTAL (A+B)	150000.00	320000.00	45280.00	-73028.00	114590.00	-15946.00	89900.00	201574.00	-34352.00	244456.00	-93500.00	16389.00	695116.00	1660479.00	1296834.00
C) Utilisation of Fund	150000.00	0.00	42840.00	279420.00	0.00	353456.00	320643.00	0.00	0.00	329535.00	0.00	0.00	695608.00	2171502.00	1186801.00
NET BALANCE (A+B-C)	0.00	320000.00	2440.00	-352448.00	114590.00	-369402.00	89900.00	-119069.00	-34352.00	-85079.00	-93500.00	16389.00	-492.00	-511023.00	110033.00

Amount (Rs.)



**SCHEDULE - 3**
**Amount (Rs.)**

<b>CURRENT LIABILITIES &amp; PROVISIONS</b>		<b>CURRENT YEAR</b>	<b>PREVIOUS YEAR</b>
<b>CURRENT LIABILITIES</b>			
1	Acceptances- Security (Distributor/Agency)		
	- Earnest Money Deposit	266,800.00	72000
2	Amount payable to customer	633,305.45	10000
3	Statutory liability		
	Others (TDS/Sales Tax)	146,280.00	
4	Other Current Liabilities		
a	M/s Wipro India	20,240.00	20,240.00
b	Electricity Charges	4,947.00	8,477.00
c	Telephone	40,000.00	42,598.00
d	VIPRIIS Clip set	38,000.00	26,361.00
e	Workshop Orientation Programme	165,450.00	-
f	Postage	35,121.00	18,886.00
g	Honorarium	20,871.00	-
h	Science Communication through DD	-	38,565.00
i	Advertisement Expenses	45,977.00	-
j	M/s Genesis Media	2,295.00	2,295.00
k	Newspapers & Periodicals	4,071.00	1,080.00
l	Webhome Page	-	60,803.00
m	Repair & Maintenance	-	5,033.00
n	VIPNET Newsletter	181,115.00	326,222.00
o	Consumables	41,702.00	41,177.00
p	Car Hire Charges	-	31,793.00
q	IIT Kanpur	28,360.00	-
r	Children Education Allowance	1,675.00	-
s	House Building Advance	47,549.00	-
t	Women in Science	10,000.00	5,000.00
u	Cartage & Carriage Inward	-	23,858.00
v	Prg. On International Year of Astronomy	-	179,397.00
w	Conveyance	-	3,422.00
x	Furniture & Fixture	-	191,492.00
y	Professional Expenses	20,000.00	189,000.00
z	Rent Rates & Taxes	26,000.00	-
aa	Office Expenses	2,000.00	-
		735,373.00	1,215,699.00
	<b>Total</b>	<b>1,781,758.45</b>	<b>1,931,507.00</b>

**SCHEDULE-4**  
**FIXED ASSETS** Amount (Rs.)

DESCRIPTIONS	GROSS BLOCK										DEPRECIATION			NET BLOCK		
	Cost Valuation as at beginning of the Year	Deduction of Historical cost value during the year	Cost valuation as at 01.04.2010	Deduction during the year as consumable	Assets Impaired on WDV	Sales of Assets and consumable	Loss on Sale of Assets	Additions during April-Sept.	Additions during Oct.-March	Cost valuation as at End of the year	Upto 30.03.2010	Dep. Adjustment	Dep. of current year	Total Upto the end of year	As at the current year end	As at the previous year end
Plant Machinery & Equipment (15%)	470,659.65	7,456.30	463,203.35	955.55	-	-	-	-	-	463,203.35	423,268.98	6,500.75	6,965.27	423,733.50	39,469.85	47,390.67
Furniture & Fixtures (10%)	7,747,448.59	90,968.50	7,656,480.09	6,891.30	17,682.74	-	19,840.00	714,910.00	8,391,230.09	3,280,929.99	66,394.46	66,394.46	481,923.96	3,696,459.49	4,694,770.60	4,466,518.60
Office Equipment (15%)	3,462,995.87	529,326.00	2,933,669.87	47,736.85	48,597.90	9,500.00	64,250.00	390,133.00	3,388,052.87	2,502,051.82	415,548.25	415,548.25	165,972.42	2,252,475.99	1,135,576.88	960,944.05
Computer/ Peripherals (60%)	17,621,667.96	5,830,338.56	11,791,329.40	170,882.00	4,872.80	99,811.00	325,907.00	457,995.00	12,575,231.40	15,600,249.51	5,554,772.76	1,380,454.29	1,380,454.29	11,425,931.04	1,149,300.36	2,021,418.45
Library Books (10%)	1,644,020.30	366.00	1,643,654.30	-	-	366.00	26,001.00	29,841.00	1,699,496.30	620,715.41	-	-	106,386.04	727,101.45	972,394.85	1,023,304.89
Office Building (10%)	1,311,100.00	-	1,311,100.00	-	-	-	-	-	1,311,100.00	-	-	-	-	-	1,311,100.00	1,311,100.00
Electrical Installation (10%)	433,326.00	393,776.00	39,550.00	255,199.00	136.00	-	-	-	39,550.00	163,235.87	138,441.00	1,475.51	1,475.51	26,270.39	13,279.61	270,090.13
Audio-Visual Equipment (15%)	4,582,479.00	-	4,582,479.00	-	-	-	-	-	4,582,479.00	2,225,366.50	-	-	353,566.88	2,578,933.37	2,003,545.63	2,357,112.50
HAM Equipment & Accessories (15%)	488,923.00	-	488,923.00	-	-	-	-	-	488,923.00	252,843.71	-	-	35,411.89	288,255.60	200,667.40	236,079.29
Telescope & Accessories (15%)	822,982.00	-	822,982.00	-	-	-	-	-	822,982.00	424,993.56	-	-	59,698.27	484,691.82	338,290.18	397,988.45
Digital Library (60%)	950,000.00	-	950,000.00	-	-	-	-	-	950,000.00	889,200.00	-	-	36,480.00	925,680.00	24,320.00	60,800.00
<b>TOTAL OF CURRENT YEAR</b>	<b>39,535,602.37</b>	<b>6,852,231.36</b>	<b>32,683,371.01</b>	<b>481,664.70</b>	<b>71,289.44</b>	<b>109,677.00</b>	<b>435,998.00</b>	<b>1,592,879.00</b>	<b>34,712,248.01</b>	<b>26,382,855.36</b>	<b>6,181,657.22</b>	<b>2,628,334.52</b>	<b>22,829,532.66</b>	<b>11,882,715.35</b>	<b>13,152,747.01</b>	<b>13,152,747.01</b>
<b>PREVIOUS YEAR</b>	<b>36,235,185.37</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>286,510.00</b>	<b>3,013,907.00</b>	<b>39,535,602.37</b>	<b>23,643,979.54</b>	<b>-</b>	<b>2,738,875.82</b>	<b>26,382,855.36</b>	<b>13,152,747.01</b>	<b>12,591,205.83</b>	<b>12,591,205.83</b>

**SCHEDULE - 5**

Amount (Rs.)

CURRENT ASSETS, LOANS, ADVANCES ETC.		CURRENT YEAR	PREVIOUS YEAR
<b>A.</b>	<b>CURRENT ASSETS</b>		
1	Inventories	-	-
a	Stores & Spares	-	-
b	Loose Tools	-	-
c	Stock-in-trade	3,818,414.16	6,666,657.74
2	Sundry Debtors	3,818,414.16	6,666,657.74
3	Income Tax Deducted at Sources	1,690,348.75	2,280,717.33
4	Cash In hand	76,954.00	15,125.00
5	Bank Balance : Union Bank ICICI	37,865.00 5,019,776.12 8,383.17	3,642.00 37,922,449.07 1,000.00
6	O.B.C.	300,000.00	-
7	Fixed Deposits	48,625,365.00	6,674,321.00
	<b>Total (A)</b>	<b>59,577,106.20</b>	<b>53,563,912.14</b>

CURRENT ASSETS, LOANS, ADVANCES ETC.		CURRENT YEAR	PREVIOUS YEAR
<b>B.</b>	<b>LOANS, ADVANCES AND OTHER ASSETS</b>		
1	Impaired Assets to Be Disposed	16,198.85	-
2	Motor Cycle Advance	13,500.00	19,500.00
3	Advances and other amounts recoverable in cash or in kind or for value to be received:		
a	Advances for Activities		
	Project of IT based S & T Promotion	150,000.00	150,000.00
	Marathi Vigyan Parisad	389,320.00	85,000.00
	NEHU, Shillong	28,113.00	28,113.00
	Adv. VHAP	18,525.00	18,525.00
	Adv. Publication	15,500.00	15,500.00
	International Institute of Tamil Studies, Chennai	34,269.00	34,269.00
	Adv. AIR Kolkata	393,463.00	393,463.00
	Tamil Nadu Science & Technology Centre	205,000.00	1,235,000.00
	Others		
	Dev. Of open ended programme	177,945.00	177,945.00
	<b>Total (B)</b>	<b>1,234,190.00</b>	<b>1,959,870.00</b>

Adv. AV-Code	-	1,735,434.00
Security - DAVP	25,000.00	25,000.00
Security - NCSTC Communication	1,400.00	1,400.00
Security - Lease premises	321,801.00	291,883.00
Security - Vigyan Bhawan	5,250.00	-
Maintenance of Kiosks	57,100.00	57,100.00
Security (Library)	500.00	500.00
Adv. DGS & D	-	379,758.00
Adv. Gujrat Council Of Science City	1,964,925.00	70,375.00
Adv. HARSAC Hissar	7,350.00	7,350.00
Adv.-Dayanand Education Society,Latur	-	100,000.00
Adv.ADM College for Woman,Tamilnadu	3,250.00	3,250.00
Adv. Agarkar Research Institute,Pune	64,265.00	164,103.00
Adv. IIT,Kanpur	-	349,216.00
Security: Telephone	11,000.01	11,000.01
Adv. A P State Coucil for S&T,Itanagar	2,900.00	2,900.00
Adv.ASTEC,Guwahati	507,875.00	538,875.00
Adv. C G Council of S&T	3,250.00	3,250.00
Adv.Council of S& T,UP,Lucknow	5,207.00	202,000.00
Adv. Goa State Council for S&T	156,000.00	156,000.00
Adv.Mizoram Council for Science, Technology & Env	100,350.00	100,350.00
Adv. M/s Interlanco Communication, Madrid, L A	10,869.00	10,869.00
Adv. IIM, Noida	-	5,000.00
Adv. Punjab State Science & Technology Council	342,000.00	104,500.00
Adv. Science Center Gwallior	169,000.00	130,000.00
Adv. Srujnika	-	24,574.00
Adv.M S Swaminathan Research Foundation,Pondicherry	6,500.00	6,500.00
Adv.NYASS Trust,Thane,Maharashtra	77,916.00	225,000.00
Adv.Office of District Magistrate,Midnapur,West Bengal	3,250.00	3,250.00
Adv.Principal,Sikkim Govt College,Gangtok	3,250.00	3,250.00
Adv.Seminar/Meeting	-	20,000.00
Adv.State Council for S&T and Environment,Shimla	10,750.00	10,750.00
Adv. Karnataka Rajya Vijnana Parishad,Bangalore	165,500.00	165,500.00
Adv. Teri Delhi	4,400.00	4,400.00
Adv. Tripura Science Forum, Tripura	30,000.00	30,000.00
Adv.AIR,Agartala	46,000.00	46,000.00
Adv. Sikkim State S&T Council	102,393.00	466,000.00
Adv. Sealdah Lokayata, Kolkata	-	111,960.00
Adv. Puducherry Council of S&T	137,500.00	137,500.00

Adv. Andrapradesh State Council of S. & T., Hyderabad	340,000.00	-	-
Adv. Tripura State Council for Science & Technology	253,000.00	-	-
Adv. National Science Center Delhi	25,000.00	-	-
Adv. Nehru Science Center Mumbai	340,000.00	-	-
Adv. Madhya Pradesh Council for S & T, Bhopal	340,000.00	-	-
Adv. B.M. Birla Planetarium, Jaipur	225,000.00	-	-
Adv. ASTEC, Guwahati	369,000.00	-	-
Adv. Gujrat Council of Science City	369,000.00	-	-
Adv. Tamilnadu S & T Center	369,000.00	-	-
Adv. Yuva Vigyan Prashad	369,000.00	-	-
Adv. Indian Institute of Astro Physics, Bangalore,	135,000.00	-	-
Adv. Tamilnadu Science Forum, Madurai,	250,000.00	-	-
Adv. Science for the Unreached at Andhrapradesh,	100,000.00	-	-
Adv. SIT Facility LNMU, Darbhanga,	113,500.00	-	-
Adv. International School ForO Leadership Ahemdabad	206,250.00	-	-
Adv. Surabhi Sarvshiksha Evam Kalyan Samiti, Delhi,	172,400.00	-	-
Adv. Suruchi Shikshan Vasahat Trust, Surat,	152,000.00	-	-
Adv. Bharat Gyan Vigyan Samiti Chandigarh	92,174.00	-	-
Adv. Science Communicator's Forum. Kolkata	488,995.00	-	-
Adv. National Center for Science Communicators Mumbai	168,519.00	-	-
Adv. Director of Agriculture Govt. Of Tripura	266,000.00	-	-
Adv. Arunachal Pradesh Science Center	200,000.00	-	-
Adv. National Council for Urban & Rural Devl. Society	-	135,000.00	-
Adv. Yuva Vigyan Parishad	400,500.00	360,000.00	-
Adv. Meghalya State Council of S& T & Environment	342,000.00	118,000.00	-
Adv. International School of Public Leadership	270,000.00	270,000.00	-
House Building Advance (BKT)	380,592.00	416,592.00	-
Securiy : Sale Tax	40,000.00	-	-
Securiy : Post Office	25,134.00	11,326,760.01	7,202,334.01
4 Income Accrued			
Recovery of Excess Salary	262,166.00	-	-
Interest on HBA to staff (BKT)	79,425.00	-	49,771.00
Interest on F D	104,630.00	446,221.00	-
<b>Total (B)</b>		<b>13,036,869.86</b>	<b>9,231,475.01</b>

**VIGYAN PRASAR, A-50, SECTOR-62, NOIDA**  
**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31/03/2011**

Amount (Rs.)

INCOME	Schedule	Current Year	Previous Year
Income from sales	6	4,849,079.00	3,694,603.00
Grants	7	100,100,000.00	100,000,000.00
Interest Earned	8	3,819,063.00	1,902,868.00
Other Income	9	1,269,310.64	465,775.00
Increase/ Decrease in Stock	13	(2,848,243.58)	(207,904.08)
<b>TOTAL (A)</b>		<b>107,189,209.06</b>	<b>105,855,341.92</b>
<b>EXPENDITURE</b>			
Programme/Activity Expenses	10	66,801,861.00	57,420,146.00
Establishment Expenses	11	17,278,320.00	19,071,723.00
Other Administrative Expenses Etc.	12	11,161,331.74	14,222,036.51
Depreciation (Net Total at the year end-corresponding to Schedule 4)	4	2,628,334.52	2738875.821
<b>TOTAL (B)</b>		<b>97,869,847.26</b>	<b>93,452,781.33</b>
Balance being excess of Income over Expenditure (A-B)			
<b>BALANCE BEING CARRIED TO GENERAL RESERVE/CAPITAL FUND</b>		<b>9,319,361.80</b>	<b>12,402,560.59</b>
Notes on Accounts and Accounting Policies			

Signed as per our report of even date attached  
For Hemant Arora & Co  
Chartered Accountants

sd/-

Hemant Arora  
Partner  
M.No 071262

Date : 24.08.2011  
Place : Roorkee

J.K.Chandel  
Accounts Officer

Somesh C Jhingan  
Registrar

ER.Anuj Sinha  
Hony. Director

**VIGYAN PRASAR, A-50, SECTOR-62, NOIDA**  
**SCHEDULES FORMING PART OF INCOME & EXPENDITURE**  
**FOR THE YEAR ENDED 31/03/2011**

**SCHEDULE - 6**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
Income from Sales	4,849,018.00	3,692,744.00
Income From Central Sales	61.0000	1,859.00
<b>TOTAL</b>	<b>4,849,079.00</b>	<b>3,694,603.00</b>

**SCHEDULE - 7**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
Grants from Central Government	100,100,000.00	100,000,000.00
<b>TOTAL</b>	<b>100,100,000.00</b>	<b>100,000,000.00</b>

**VIGYAN PRASAR, A-50, SECTOR-62, NOIDA**
**SCHEDULE - 8**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
<b>INTEREST EARNED</b>		
1) On Saving Accounts		
a) With Scheduled Bank	1,733,735.00	1,359,825.00
b) On Fixed Deposits	2,055,674.00	493,272.00
2) On Loans:		
a) Interest on HIBA (staff)	29,654.00	49,771.00
<b>TOTAL</b>	<b>3,819,063.00</b>	<b>1,902,868.00</b>

**SCHEDULE - 9**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
<b>OTHER INCOME</b>		
1) Miscellaneous Income	90,141.00	37,332.00
2) Project Receipt	-	410,443.00
3) Royalty Received	-	18,000.00
4) Overhead Income	5,000.00	-
5) Prior Period Income	1,128,993.00	-
6) Packing charges	2,200.00	-
7) Discount Received	19,023.00	-
8) Profit on Sale of Fixed Assets	23,953.64	-
<b>TOTAL</b>	<b>1,269,310.64</b>	<b>465,775.00</b>



VIGYAN PRASAR, A-50, SECTOR-62, NOIDA



SCHEDULE - 10

Particulars	Current Year	Previous Year
<b>PROGRAMMES / ACTIVITIES EXPENSES</b>		
VIPRIS Clip set Publication	187,976.00	98,271.00
Vigyan Prasar Newsletter	157,574.00	244,636.00
Seminar/ Meeting	8,635,393.00	8,114,622.00
WEB/ Homepage	295,882.00	372,229.00
Book Fair	952,163.00	270,735.00
Royalty (Publication)	436,600.00	214,977.00
Broadcast fees	72,934.00	161,530.00
Audio Programmes	18,765,822.00	11,774,000.00
Replication of CD	31,000.00	-
VIPNET Newsletter	7,544.00	34,375.00
Workshop orientation programme	1,620,499.00	1,518,122.00
Programme on Science Communication	3,490,125.00	2,044,485.00
Visual Book	13,139,040.00	5,057,319.00
Programme in Physics at School level	-	46,400.00
Video Films	734,816.00	990,002.00
Meeting on Hindi Days	3,797,858.00	250,000.00
Meeting on Bio-Diversity	25,284.00	136,263.00
CD on optics	109,633.00	-
Rashtriya Vigyan Chalchitra Mela	790.00	-
Science This Week On Loksabha TV	495,623.00	-
Programme on Planet Earth	995,200.00	-
Quiz Programme	4,453,920.00	8,429,650.00
Sponsorship/ Registration fees	10,530.00	-
Summer Camp with Rail Museum	-	22,560.00
Training fees	-	-
Lecture/Chat Session	35,000.00	4,000.00
	-	2,640.00

**VIGYAN PRASAR, A-50, SECTOR-62, NOIDA**

Programme on International year of Chemistry	299,742.00	-
Programme on Gender & Technology Communication	1,726,960.00	-
Programme on National Children Science Congress-10	1,033,817.00	-
National Science Day Celebration	157,921.00	-
Programme with NAM S&T	-	200,000.00
Programme on International year of Astronomy	3,745,632.00	16,971,104.00
Project on India Bio-Diversity Literature	-	362,526.00
Awareness Programme of Aids	126,400.00	-
Celebration of International Woman Day	27,000.00	-
Celebration of Technology Day	595,384.00	-
Radio Script Writing 2010-2011	637,799.00	-
Science Fiction Conference	-	99,700.00
<b>TOTAL</b>	<b>66,801,861.00</b>	<b>57,420,146.00</b>

**SCHEDULE - 11**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
<b>ESTABLISHMENT EXPENSES</b>		
Salaries and Wages	15,795,897.00	17,577,112.00
Bonus	55,264.00	51,810.00
Contribution to Provident Fund (CPF Contribution & Intt.)	726,168.00	703,404.00
Govt. Contribution to NPS	278,455.00	-
Others (Honarium / Stipend)	51,200.00	52,000.00
Children Educational Allowance	268,364.00	234,145.00
Leave Encashment	102,972.00	363,675.00
TA on Transfer	-	89,577.00
<b>TOTAL</b>	<b>17,278,320.00</b>	<b>19,071,723.00</b>

**SCHEDULE - 12**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
<b>OTHER ADMINISTRATIVE EXPENSES ETC.</b>		
Purchase	1,136,609.00	4,535,835.00
Electricity and Power	66,234.00	77,934.00
Insurance	-	82.00
Repair & Maintenance	464,313.00	485,185.00
Rent, rates & taxes	1,318,535.00	1,547,174.00
Postage, Telephone and Communication Charges	859,310.00	919,375.76
Printing and Stationery	299,070.00	591,307.00
Traveling and Conveyance Expenses	932,394.00	47,097.00
Subscription Expenses	51,300.00	55,052.00
Auditors Remuneration	-	-
a) Audit fees	26,000.00	18200.00
b) Out of Pocket expenses	8,450.00	12,000.00
Professional expenses	59,220.00	213,300.00
Irrecoverable balances written off	1,298.50	-
Advertisement and publicity	159,857.00	107,082.00
Car Hire Charges	1,441,972.00	1,130,942.00
Consultation Fees	22,496.00	2,006,013.00
Entertainment Expenses	-	617.00
Others	-	-
News papers	27,440.00	48,451.00
Bank Charges	9,568.86	270.25
Consumables Store	1,517,768.93	934,350.00
Prior Period Expenses	(21,484.00)	43,149.00
LTC	299,034.00	215,934.00
Medical Reimbursement	201,031.00	305,733.00
Cartage & Carriage Inward	91,414.00	94,836.00
Discount	1,688,869.45	486,719.50
Loss on Sale of Assets	7,943.00	-
Office expenses	492,688.00	345,398.00
<b>TOTAL</b>	<b>11,161,331.74</b>	<b>14,222,036.51</b>

**SCHEDULE - 13**

Particulars	Amount (Rs.)	
	Current Year	Previous Year
<b>INCREASE (DECREASE) IN STOCK OF FINISHED GOODS &amp; WIP</b>		
A) Closing Stock		
Finished Goods	3,818,414.16	(207,904.08)
Work-in-Progress		
B) Less: Opening Stock		
Finished Goods	6,666,657.74	
Work-in-Progress		
<b>Net increase (A-B)</b>	<b>(2,848,243.58)</b>	<b>(207,904.08)</b>

VIGYAN PRASAR, A-50, SECTOR-62, NOIDA  
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31/03/2011

RECEIPTS	Current year	Previous Year	PAYMENTS	Current year	Previous Year	Amount (Rs.)
1. Opening balances						
a) Cash in hand	3,642.00	4,122.00	I. Expenses	66,801,861.00	57,420,146.00	
b) Bank account	-	-	a) Programme/Activities exp(Sch 10)	17,278,320.00	19,071,723.00	
i) Saving account	37,923,449.07	23,608,179.10	b) Establishment exp (Sch 11)	11,161,331.74	14,222,036.51	
ii) Fixed deposits	6,674,321.00	6,181,049.00	c) Administrative Exp(Sch 12)			
II Grant Received			Payment made against funds for various project			
a) From Govt of INDIA	100,100,000.00	100,000,000.00	i) NSTMIS	353456.00	215,946.00	
b) From other sources(details)	-	-	ii) SERC	279420.00	203,132.00	
i) NSTMIS	-	345,400.00	iii) Science and society	329535.00	200,023.00	
ii) SERC	-	300,000.00	iv) Women in science	320643.00	567,700.00	
iii) ICDRI project	320,000.00	-	v) International Division	695608.00	-	
iv) Science and society	376,700.00	330,000.00	vi) Rajat jayati vigyan	150000.00	-	
v) Women in science	250,000.00	-	vii) UNFPA	42840.00	-	
vi) International Division	558,466.00	-				
vii) UNFPA Project	45,280.00	-	III Expenditure on fixed Asset			
viii) Rajat Jayati Vigyan Sancharak Fellowship	-	150,000.00	Increase/ Decrease in Fixed Asset	1,358,302.86	3,300,417.00	
III Interest Received			IV Payment of loan and advances			
on saving	1,733,735.00	1,359,825.00	i) Increase/Decrease in current asset	428,611.69	(3,048,190.46)	
on FD	2,055,674.00	493,272.00				
IV Other Receipts			a) Cash	37,865.00	3,642.00	
Receipt against sales	4,849,079.00	3,694,603.00	b) Bank Balance			
Receipt from project	-	410,443.00	i) Savings accounts	5,328,159.29	37,923,449.07	
Misc. receipt	90,141.00	37,332.00	ii) Fixed Deposits	48,625,365.00	6,674,321.00	
Interest on HBA	29,654.00	49,771.00				
Packing charges	2,200.00	-				
Discount Received	19,023.00	-				
Profit on Sales of Assets	23,953.64	-				
Royalty Receipt	-	18,000.00				
Overhead income	5,000.00	-				
Prior period income	1,128,993.00	-				
V increase in stock	(2,848,243.58)	(207,904.08)				
VI Amount payable	(149,748.55)	(19,746.90)				
increase/decrease in current liabilities						
TOTAL	153,191,318.58	136,754,345.12	TOTAL	153,191,318.58	136,754,345.12	

Signed as per our report of even date attached  
For Hemant Arora & Co  
Chartered Accountants

sd/-  
Hemant Arora  
Partner  
M.No 071262

sd/-  
J.K.Chandel  
Accounts Officer

sd/-  
Somesh C Jhingan  
Registrar

sd/-  
ER.Anuj Sinha  
Hony Director

Date 24.08.2011  
Place Roorkee

## Annexure III: Reply to Auditor's Report

Sl.no.	Audit Note	Reply to Auditor
1.	A sum of Rs. 4, 81,664.70/- has been written off from the head fixed assts & has been debited to the head of consumable store, as the said amount was wrongly debited to fixed assets head at the time of its purchase.	Fixed Assets Register in now maintained as per GFR 40. Items which were consumable in nature and unserviceable were written off from the Fixed Assets head and taken under Consumable head. M/s Manish Khanna & co. CA was assigned the job of assessing the Total Fixed Assets Purchases and its accounting as per GFR -40.
2.	Delay in deposition of tax deducted at source was found in case of payment made to contractor. Tax deducted to the tune of Rs. 4,032 was to be deposited by 7th Sept. 2010 but the same was deposited on 1st Oct. 2010.	Income Tax is deposited timely to the Income Department. In one case due to an entry remaining unnoticed, there was delay and the same was corrected when it came to our notice. Officials have been instructed to be more vigilant in future.
3.	A sum of Rs. 2,70,000/- received from CDRI and a miscellaneous receipt Rs. 30,000/- were deposited in to the bank account of the society on 14.01.2011. Nevertheless, the same was entered in the books of account of the society at the end of the year i.e on 31st of March 2011.	Amount Received from CDRI amounting to Rs. 2, 70,000.00 was deposited in to Vigyan Prasar Account as soon as it was received. As this amounts pertains CDRI's film making project, so it was under consideration that it be kept out of Vigyan Prasar Accounts but latter on it was decided that it should also be included in Vigyan Prasar Accounts , hence entry made.
4.	In order to maintain strong control over cash transactions it is recommended that a petty cash book should be strictly monitored for disbursing the cash on day -to-day basis.	Cash books is properly maintained and now Auditor has recommended further improvements, action on which is already started.
5.	Two FDR's of Rs. 20,000/- each aggregating to Rs. 40,000/- were made by Vigyan Prasar on 7.11.1996 which were deposited with the Sales Tax Department as a security for its registration with them Neither the amount of FDR's nor the interest accrued thereon was enters in the books of account. The total amount of interest accrued up to 31st March, 2010 was Rs. 1,04,630/-.	Sales Tax No. have been got cancelled from competent authority of Sales Tax Deptt.. The Security deposited in the form of FDR's with Sales tax Deptt. are expected to be released shortly.

<p>However necessary reflection of the said FDR' has now been made and the amounts been duly recorded in the books of accounts to give a true and fair view of state of affairs of institution.</p>	
<p>6. Two project namely Project STAC and Science &amp; Technology Programme DST showed a debit (negative ) balance of Rs. 34,352/- and Rs. 93,500/- since the beginning of the year .no adjustments towards the same have been made during the financial year under audit.</p>	<p>Efforts are being made to get back the overspent amount incurred on the DST Projects and amount will be recovered during current Financial Year .</p>
<p>7. A sum of Rs. 13, 11,100/- incurred and shown under head office Building relates to expenditure on preparation and approval site plan for office building.</p>	<p>Matter of office Building of Vigyan Prasara is under consideration and this sum is part of expenditure incurred in designing and planning for the purpose of office building.</p>



# Vigyan Prasar

*Department of Science and Technology, Govt. of India*

A-50, Institutional Area, Sector-62, Noida - 201 309 (U.P.)

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