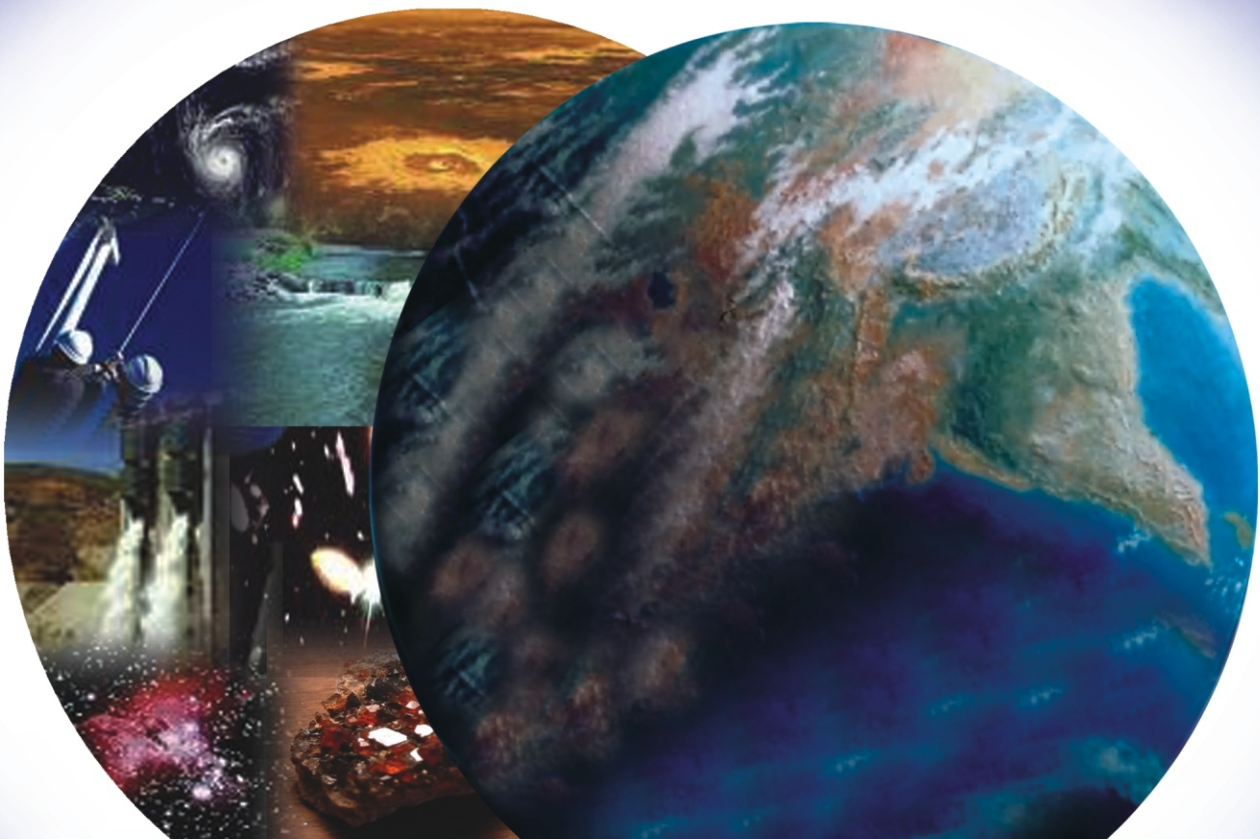




# 94th INDIAN SCIENCE CONGRESS

january 3-7, 2007 Chidambaram, Tamilnadu.

## PLANET EARTH



PRIDE OF  
**INDIA**<sup>TM</sup>  
— Frontier Science & Technologies —  
**Mega Expo**

INDIA'S MOST PRESTIGIOUS EVENT



Host  
Annamalai University Chidambaram,  
Tamilnadu



## GLORIOUS HISTORY OF INDIAN SCIENCE CONGRESS

Established in 1914, today Indian Science Congress Association (ISCA) is the premier organisation of India's entire Science community. ISCA was formed with the objective of advancing, promoting and furthering the cause of Science in India. Over the years, ISCA has been headed by Luminous scientists like Acharya Prafulla Chandra Ray, Sir M. Visvesvaraya, Sir J.C. Bose, Professor C.V. Raman, Sir Lewis L. Fermor, D.N. Wadia, Sir Shanti S. Bhatnagar, Pt. Jawaharlal Nehru, Prof. P.C. Mahalanobis, Dr. Homi Bhabha, Dr. M.S. Swaminathan, Professor M.G.K. Menon, Professor C.N.R. Rao, Professor Yash Pal, Dr. R.A. Mashelkar, Dr. R.S. Paroda, Professor S.S. Katiyar, Dr. K. Kasturirangan, Professor Asis Datta, Dr. N. K. Ganguly and Dr. I. V. Subba rao.

For the last 93 years, the annual meet of Indian Science Congress brings together the entire fraternity to discuss the key issues pertaining to various streams of science. The recommendations resulting out of this brainstorming form the basis to chart future



## INAUGURATION

Every year the Indian Science Congress has been traditionally inaugurated at the hands of Honorable Prime Minister of India. The occasion is graced by eminent scientists, captains of the Industry, technocrats, policy makers and academicians.

The Honourable President of India will also be participating in the proceedings of the 94 th Indian



## THE FOCAL THEME :

### PLANET EARTH

The Earth, our home planet, is unique. It has provided an environment for the evolution of life and natural resources for its sustenance. In the recent past, the earth has been battered with frequent natural and man-made disasters like earthquakes, tsunami, floods, and cyclones etc. which threaten the very existence of our lives. There have been many scientific break through but a lot still needs to be done. The 94th Indian Science Congress devotes itself to the theme "Planet Earth" to address vital issues closely related to our

## THE FIVE DAY SCIENTIFIC MEET WILL CONSIST OF

- ◆ Technical Sessions ◆ Pride of India Expo
- ◆ Plenary Sessions ◆ Children Science Congress
- ◆ Vision Talks ◆ Summit Meeting

Pride of India - Science Expo  
Hall of Pride Genesis Symposium



## THE PRIME MOVERS



**Dr. Harsh Gupta**  
General President, ISC 2007  
Former Secretary  
Department of Ocean Development  
Government of India

Born on June 28, 1942, Dr Gupta had his education at the Indian School of Mines (B.Sc. (Hons), M.Sc. and A.I.S.M) and University of Roorkee (Ph.D.). He availed two years UNESCO fellowships for advanced studies at Tokyo. Dr Gupta has published over 130 research papers in International Journals, written 4 pioneering books published by Elsevier Scientific Publishing Company, Amsterdam and edited over 15 volumes. He has held senior responsible positions for the past 24 years, including Vice-Chancellor of Cochin University of Science & Technology; Director, National Geophysical Research Institute, Hyderabad; and Secretary to the Government of India for the Department of Ocean Development. Presently, Dr. Gupta is a Raja Ramanna Fellow at the National Geophysical Research Institute, and General President, Indian Science Congress 2007. Dr. Gupta has a unique combination of rich scientific research and science administration experience. He is internationally well connected and

has been a Research Scientist, Professor and Visiting Professor at a number of Universities and Institutions abroad. He has been holding important international scientific positions and won several awards and recognitions. As the Leader of the III<sup>rd</sup> Indian Scientific Expedition to Antarctica, he has the distinction of establishing Indian Permanent Station at Antarctica during 1983-84 in a record time of an Antarctic summer.

## HOST UNIVERSITY



Chief Patron  
**Dr. M.A.M. Ramaswamy**  
Pro - Chancellor,  
Annamalai University  
Member Rajya Sabha.

Annamalai University, spread over a sprawling campus of 405 ha, is located in Chidambaram town about 75 km south of Pondicherry. It was founded in 1929 by a visionary and Philanthropist the Hon'ble Dr. Rajah Sir Annamalai Chettiar of Chettinad. The university has grown into a premier, unitary and residential university during the past 76 years and accomplished the academic excellence through teaching, research and extension under the dynamic leadership of Dr. M.A.M. Ramaswamy, Pro-Chancellor and the excellent stewardship of Dr. L.B. Venkatrangan, Vice-Chancellor. Presently the university has nine faculties which include Arts, Science, Indian Languages, Engineering and Technology, Education, Fine Arts, Agriculture, Medicine and Dentistry located under one roof. The university is actively engaged in both On-campus and Off-campus teaching programmes including diploma, post-graduate diploma, and job oriented certificate courses. The university is offering 360 different programmes through off-campus mode which is assisted by 76 study centers spread over the country.



Chairman- Organising Committee  
**Dr. L.B. Venkatrangan**  
Vice - Chancellor,  
Annamalai University



Annamalai University,



## FRONTIER SCIENCE & TECHNOLOGIES Mega Expo

Over the last Six years, Pride of India has emerged as a unique platform for India's best organisations from private and public sectors to showcase their achievements in the field of Science and Technology. Here you witness hundreds of new ideas and products on display covering the entire canvas of scientific world from Agriculture, Nanotechnology to Space exploration. Such is the power of this event that the five days witness a large number of visitors from the corporate sector, the field of Science & academia

The corporate world explores new opportunities of transforming concepts into markets, forging new alliances with best of the R&D labs and networking opportunities. People related to the field of Science update themselves on the new breakthroughs and groundbreaking research. The budding scientists of India throng the venue to



## BEST STATES

This is a unique platform that offers opportunity for the India's best states to showcase their various initiatives, progress, core competencies and market themselves as the ideal destination for various industry segments. Almost all leading states have participated in the earlier events namely; Gujarat, AP, Delhi, Maharashtra, Karnataka, Haryana,



## BEST PSUs AND R&D INSTITUTES

India's leading institutes find this the best platform to showcase their latest work and initiatives in various fields like Agriculture Industrial research, Medicine, Biotech, Food and Nutrition, IT Space, Aerospace, Defence, Infrastructure, SDI technologies.



## BEST CORPORATES OF INDIA

'PRIDE OF INDIA' offers an excellent platform to all the organisations that have made India proud through their products, technologies, researches and services. Be it Automobile or Engineering, Entertainment or Electronics, Chemical, Petrochemical or Environmental, Infrastructure & infostructure or new age technologies like Agro-tech, Biotech or IT., The new methods of Financing, IPR and Insurance are further



## EDUCATION

The exhibition attracts over 1 lakh career oriented young minds. This expo is probably the best platform in India to attract the best talent.

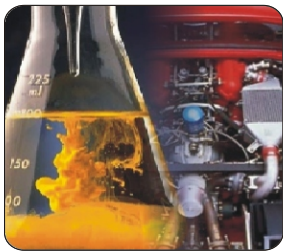
This is the venue for all educational institutions to showcase themselves, display their special attraction and create fans who will throng to their

# WORLD OF THE INNOVATIVE TECHNOLOGY

The new-age sciences- Biotechnology, Nanotechnology, Genetics, Oil & Mineral Exploration, Weather Forecasting & Space Application for Planet Earth would all be a topic of study.

Major biotechnology and allied companies will represent these emerging scientific technologies.

Their achievements and vision will be showcased



*Some of the organisations that have participated and supported the exhibition and global symposium in the past Indian Science Congresses*

## CORPORATE:

Tata Group, Reliance, Hindustan Lever, Godrej, ITC, Nicholas Piramal, Marico, Honda, Wockhardt, Hoechst, JK Industries, ICICI , Corporation Bank, SBI, MAHYCO, Monsanto, Syngenta, Namdhari Seeds, Venketeshwara Hatcheries, Excel Industries, Mahindra Hybrid Seeds, Mother Dairy, Mahaan Proteins, Shriram Honda, Mahindra Tractor, Novartis. Manipal group, TVS, BPL, Reva, Biocon, Astrazeneca.

## RESEARCH ORGANISATIONS:

CSIR, DRDO, ISRO, DBT, ICAR, DST, ICMR, NAL, CIRI, Botanical Survey of India, Geological Survey, Forest Research Organisation.

## STATE GOVERNMENTS:

Maharashtra, Andhra Pradesh, Delhi, Punjab, Goa, Uttar Pradesh, Haryana, Assam, Chandigarh, Chattisgarh, Himachal Pradesh, Karnataka ,Gujrat.

## PUBLIC SECTOR&OTHERS:

OPPI, HPCL, ONGC, NTPC, NABARD, APEDA, IFFCO, CPWD, Indian Airlines, BSNL, DAVP, HAL, Survey of India.

# SPECIAL PAVILION Environment & Energy

The basic accelerator of life on our planet earth is Energy and Energy Resources.

Life has transformed earth and earth continues to support life.

Buried in the rocks are minerals, gems and precious metals.

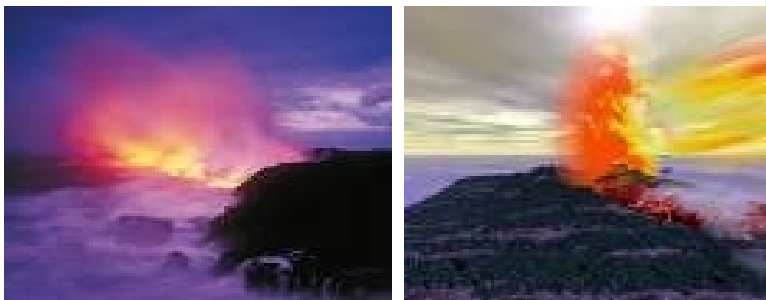
Using energy from earth in the form of coal and oil, we have transformed them into artifacts of civilization, from books and buildings to cars and computers.

The 94th Pride of India has therefore a special pavilion built around Environment and Energy Resources Management.

The theme pavilion will focus on optimum energy use and will also highlight prime energy reinforcement process in view that energy use and conservation are both balanced in the years to come for life on Planet Earth

## The Key areas will be:

Power Generation; Oil Exploration and Refining; Mineral Extraction; Effluent Treatment; Waste Treatment; Early Warning Systems; SDI; Technology for Energy Generations; Conversion and Storage; Extraction of Energy from Natural Resource; Petroleum Engineering; Petroleum Equipment and Design; Natural Gas Technology; Rock and Material Mechanics for Energy Resources; Alternative and Unconventional Energy Sources; Energy Co Generation Systems; Fundamental Combustion of Energy Resources; Advanced Energy Resources-Systems-Analysis; Energy Resource Recovery from Biomass and Solid Wastes; Environmental Aspects of Energy Resources; Pollution Control in Energy Technology; Economics of Energy Resource





Exhibition Tariff

Space Type	Participation Fees	
	(Rs. Per Sqm.)	(USD Per Sqm.)
Shell Stand (Min. 9 sqm.)	7500	200
Raw Space (Min. 36 sqm.)	7000	175

Who Should Participate

Corporate , Central and State Government, Local Bodies , Telecom companies, Port authorities, IT Companies, Insurance Companies , Construction Companies, Remote sensing and GIS Companies, Consultants, International Agencies, R& D Organizations, Academic Institute, Academicians, hospitals, NGOs, Civil Society, Media, Defense and Allied Organizations, Shipping and Allied Industries, Banks, Non- Banking Financial Organizations, Experts of International and National repute in Disaster management etc.

VISITORS PROFILE

- Scientists & Technocrats from various faculties representing India's all the leading research Institutes, labs, PSUs, Government Departments
- Top executives from Corporate and Industry
- Representatives of Energy, Environment & Earth Sciences related Sector from Corporate & Government
- Academicians from the cross-section of educational Institutions







Hall of Pride, 93rd ISC-2006 ,  
Hyderabad  
Dr. M.S. Swaminathan  
Shri Y. C. Deveshwar

Hall of Pride, 92nd ISC-2005,  
Ahmedabad  
Dr. Raja Ramanna  
Shri Kasturbhai Lalbhai

Hall of Pride, 91st ISC-2004,  
Chandigarh  
Dr. Homi Bhabha  
Shri J. R.D. Tata

Hall of Pride, 90th ISC-2003,  
Bangalore  
Dr. Vikram Sarabhai  
Shri Dhirubhai Ambani

# HALL of PRIDE

The Hall of pride is the section of the Expo which is dedicated to the two personalities who have contributed immensely in shaping the present Scientific Genre of our nation.

The Hall of Pride spread over 4000 sq.ft. area is designed by India's well-known artists. It is the most popular and prestigious pavilion.

Hon'ble Prime Minister of India, Hon'ble President of India, the entire fraternity of Scientists, Corporate World and



## THE GENESIS - ONE DAY SYMPOSIUM

Date: 4th Jan. 2007 | Time : 9.30am to 5pm

Genesis has emerged as an important forum for policy makers, scientists and industrialists to come together and dwell on issues of national importance.

This year the core theme will be "Energy and Environment Security Challenges". The finiteness of natural resources coupled with the ever increasing demand makes it imperative for mankind to know the precise nature of the process of their regeneration.

This regeneration depends on factors like climatic changes, monsoon patterns, etc. We, therefore, need to devise more accurate methods of their forecast.

A more integrated investigation of natural and man-made disasters, will help us find ways to curb their harmful influence of human life and will help us achieve the goal of developing and sustaining a knowledge society.

The best of intellects from science, industry & academics will converge here to discuss "Energy and Environment Security Challenges" and address these vital issues which will secure for us our natural habitat and make future a reality.

### DELEGATE PROFILE

The Genesis will be attended by eminent scientists and



## Location

### About Pondicherry

Pondicherry, located about 160 km south of Chennai, traces its origin to Saint Agasthya, the revered sage of India. The excavations near Pondicherry reveal that a Roman settlement existed here 2000 years ago. It stands as a living monument of the French culture in India and is famous for Sri Aurobindo Ashram and its offshoot, Auroville, 10 km outside the town. The ashram, founded by Sri Aurobindo in the year 1926, has brought international reputation to this coastal town. The ashram, the spiritual, tenets of which combine yoga and modern science is quite popular within India



### About Chidambaram

Renowned for its Nataraja Temple, the town of Chidambaram is situated in the east-central part of Tamil Nadu state of India. It is two hundred and thirty-five kilometers south of Chennai, on the Chennai-Thanjavur National highway. One of the holiest cities in India, Chidambaram is famous for the Lord Shiva who is also known as Nataraja. In AD 907, the Cholas made Chidambaram their capital. They built the grand Nataraja temple dedicated solely to the art of Bharatanatyam a famous classical Indian dance form.



Event Managed By :

**MM ACTIV**

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402, Govind Apartments, Shankar Nagar Square, Nagpur - 440 010. Fax : + 91 712 2543982.
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