



॥ विद्यानसात्परिर्जयति ॥

Gujarat Science Academy



GERMI

Gujarat Energy Research & Management Institute



Pandit Deendayal Petroleum University



Institute of Seismological Research

XXXI Gujarat Science Congress-2017

on

RESPONSIBILITIES OF ACADEMIA AND ACADEMIES IN CREATING SUSTAINABLE, COMPETITIVE AND ETHICAL SOCIETIES: CHALLENGES AND OPPORTUNITIES

Date : 4th - 5th February 2017 | Venue : GERM I-PDPU Campus, Gandhinagar

2-Day Programme Schedule

Day-1

8:00 am - 9:15 am Registration

9:15 am - 10:15 am **Inaugural**
Chief Guest: **Shri Vijaybhai Rupani**, Hon'ble Chief Minister, Gujarat

10:15 am - 11:00 am High Tea

Session-1, Chair: Dr. A. K. Singhvi

11:00 am - 11:45 am PL1. **"Strategy for Transforming India into an Innovation Society"**
by **Dr. V. K. Saraswat**, Member, Niti Aayog, Govt. of India

11:45 am - 12:30 pm PL2. **"What can Science, Scientists and Governments do to roll back our Planet from the Precipice"**
by **Dr. K. VijayRaghavan**, Secretary, Department of Biotechnology, Ministry of Science & Technology

12:30 pm - 1:15 pm PL3. **"Delights of Scientific Research: Some Personal Lessons"**
by **Dr. Ashutosh Sharma**, Secretary, Department of Science and Technology

1:15 pm - 2:15 pm Lunch

Session-2, Chair: Prof. T. Harinarayana, Co-chair: Dr. M. Ravikumar

2:15 pm-3:00 pm PL4. **"Monsoon Variability and Predictability"**
by **Dr. M. Rajeevan**, Secretary, Ministry of Earth Sciences

3:00 pm - 3:45 pm PL5. **"Chance and Necessity: Nurturing Young Talents"**
by **Dr. Dipankar Chatterji**, Past President, Indian Academy of Sciences

3:45 pm - 6:00 pm Tea and **Posters**

Public Lecture, Chair: Dr. A. K. Singhvi

6:00 pm - 7:00pm **"Twin Challenges in a Climate-risked World: Sustainability and Affordable, Inclusive Growth"**
by **Dr. Sunita Narain**, Director General, Centre for Science and Environment

Plenary Discussion on Science Congress Theme, Coordinator: Dr. A. K. Singhvi

7:00 pm - 8:00 pm Opening Remarks followed by Panel Discussion. Panel:
Dr. V. K. Saraswat • **Dr. K. VijayRaghavan** • **Dr. Ashutosh Sharma** • **Dr. R. Gadagkar**
Dr. Dipankar Chatterji • **Prof. P. K. Kaw** • **Prof. Abhijit Sen**

8:00 pm - 9:00 pm Dinner



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Day-2

Session-3, Chair: Prof. T. Kishenkumar Reddy, Co-Chair: Dr. M. Ravikumar

9:30 am - 10:30 am PL6. **“Science Education Indisciplined!”**
by **Prof. Raghavendra Gadagkar**, IISc, Past President, Indian National Science Academy

10:30 am - 11:15 am EL1. *Lunar and Planetary Exploration Group Endowment Lecture,*
“Gravitational Waves: Future Mega-Science Mission for India”
by **Dr. Somak Raychaudhury**, Director, Inter-University Centre for Astronomy and Astrophysics

11:15 am - 11:45 am Tea

Session-4, Chair: Dr. M. Ravikumar, Co-chair: Prof. K. N. Joshipura

11:45 am - 12:30 pm EL2. *Professor A. S. Divatia Memorial Lecture,*
“Quest for the Structure of Matter and its' Spin-offs”
by **Dr. Amit Roy**, Former Director, Inter-University Accelerator Centre

12:30 pm - 1:15 pm EL3. *Shri S. R. Thakore Memorial Lecture,*
“Sustainable Technologies for Clean Energy: Challenges And Opportunities”
by **Dr. R. Nagraj**, Director, Dhirubhai Ambani Institute for Information & Communication Technology

1:15 pm - 2:00 pm Lunch

2:00 pm-3:30 pm **Poster Session**

Valedictory Function, Chair: Prof. Shobhana Menon and Prof. P. N. Gajjar

3:30 pm - 4:45 pm Minaxi Lalit Awards • Best Poster Awards • Best Ph.D. Thesis Awards • GSA-INSA Presentation on Nobel Prizes, Award • General Views on Posters • Presentation by Top Poster Awardees

4:50 pm - 5:00 pm Tea

5:00 pm - 6:00 pm **General Body Meeting**