



Karnataka State Council for Science and Technology

Indian Institute of Science, Bangalore
and



Vision Group for Science and Technology
Department of Science and Technology, Government of Karnataka

State Science and Technology Conference - 2010

Theme : Science and Technology for Sustainable Development

Date : 15 – 17 April 2010

Venue : J. N. Tata Auditorium, Indian Institute of Science, Bangalore

INAUGURAL FUNCTION

Date: Thursday, 15th April 2010

Time: 10.00 AM

- 09.00 am – 10.00 am : Registration
- 10.00 am – 10.10 am : Nada Geethe
- 10.10 am – 10.20 am : Welcome
Prof. M. S. Mohan Kumar
Secretary
Karnataka State Council for Science and Technology
- 10.20 am – 10.35 am : Address
Sri Ashok Kumar C. Manoli IAS
Principal Secretary
Department of Information Technology, Biotechnology and
Science and Technology, Government of Karnataka
- 10.35 am – 10.55 am : Inauguration and Inaugural speech
Karnataka Rathna Prof. C. N. R. Rao FRS
National Research Professor, Linus Pauling Research Professor
President, Vision Group for Science and Technology, GoK
Chairman, Scientific Advisory Council to the Prime Minister
Hon. President, Jawaharlal Nehru Center for Advanced Scientific Research
- 10.55 am – 11.10 am : Guest of Honour
Sri Anand Vasant Asnotikar
Hon'ble Minister for Fisheries and Science and Technology,
Government of Karnataka
- 11.10 am – 11.25 am : Presidential Address
Prof. P. Balaram
Director, Indian Institute of Science
- 11.25 am – 11.30 am : Vote of Thanks
- 11.30 am – 11.50 am : Tea break

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TECHNICAL SESSIONS

12.00 noon – 01.00 pm : **Plenary Session – 1**

Dr. V. K. Aatre
Former Scientific Adviser to the Minister of Defence
Government of India

1.00 - 2.00 PM : Lunch Break

2.00 – 3.30 PM : **Technical Session – 1 : Energy and Industry**

Chairman : Sri K. Jairaj IAS
Additional Chief Secretary
Government of Karnataka

Speakers :

- 1) Sri Y. B. Ramakrishna
Chairman, Bio-fuel Task Force
Government of Karnataka
Subject:
- 2) Sri B. G. Rudrappa
Former Chairman, Karnataka Electricity Board
Subject : Electricity and Industry
- 3) Mr. R. S. Hiremath
CEO, Flexitron, Bangalore
Subject : Microlevel contribution in
reduction of global warming

3.30- 4.00 PM : Tea break

4.00 – 5.30 PM : **Technical Session – 2 : Health and Hygiene**

Chairman : Dr. H. Sudarshan
President, Vivekananda Girijana Kalyana
Kendra and Karuna Trust, Bangalore

Speakers :

- 1) Dr. Gauridevi
Former Vice Chancellor, NIMHANS, Bangalore
Subject : Promotion of environmental hygiene and
prevention of neurological disorders
- 2) Dr. P. S. Shankar
Emeritus Professor, M.R. Medical College, Gulbarga
- 3) Dr. N. Prabhu Dev
Vice-Chancellor, Bangalore University

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9.30 – 10.30 AM : Plenary Session – 2
Prof. P. N. Rangarajan
Professor, Dept., of BioChemistry, Indian Institute of Science
Subject : Vaccinations and its uses

10.30 - 11.00 AM : Tea break

11.00 - 01.00 Noon : **Technical Session – 3 : Water Resources**

Chairman : Dr. C. B. S. Dutt

Deputy programme Director,
ISRO-GMP & Member Secretary, JSWG- MTISRO

Speakers :

- 1) Prof. Ramaprasad
Former Professor, Dept., of Civil Engg., IISc.
Subject : Water Resources in Karnataka – An Overview
- 2) Dr. V. S. Prakash
Director, Karnataka State Natural Disaster
Monitoring Centre, Bangalore
- 3) Er. M. N. Thippeswamy
Retired Chief Engineer, BWSSB, Bangalore
Subject : Recycle and Reuse of Waste Water

01.00 - 02.00 PM : Lunch Break

02.00 - 3.30 PM : **Technical Session – 4 : Environmental Science**

Chairman : Dr. M. H. Swaminathan

Additional Chief Conservator of Forest
Dept., of Forest, Government of Karnataka

Speakers :

- 1) Prof. K. N. Ganeshaiah
University of Agricultural Sciences, GKVK, Bangalore
Subject : Conservation Concern for Western Ghats
- 2) Dr. N. A. Madhyastha
Member, Karnataka Wild Life Council
Principal and Professor of Zoology (Retd.,)
Poornaprajna College, Udupi
Subject : Environment and Sustainable Development
- 3) Sri M. D. N. Simha
Chief Environmental Officer
Karnataka State Pollution Control Board

03.30 - 4.00 PM : Tea break

04.00 – 5.30 PM : **Technical Session – 5 : Woman and Science**

Chairperson: Prof. Geetha Bali
Vice Chancellor
Karnataka State Women's University, Bijapur

Speakers:

- 1) Prof. Vijayalakshmi Ravindranath
Centre for Neuro Sciences, IISc., Bangalore
- 2) Smt. P. E. Tejeswini Ananthkumar
Chairman, Adamy Chethana, Bangalore
- 3) Er. Nemi Chandra
Deputy General Manager, HAL
- 4) Dr. Rekha Jagannath
Former Member, Karnataka State Planning Board

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9.30 – 10.30 AM : Plenary Session – 3

Prof. J. Srinivasan
Centre for Atmospheric and Oceanic Sciences
Indian Institute of Science, Bangalore
Subject : Global Warming and its impact

10.30 - 11.00 AM : Tea break

11.00 - 01.00 Noon : **Parallel Technical Session :**
6A : Primary and Secondary Education

Chairman: Prof. M. S. Hegde
Solid State & Structural Chemistry Unit,
Indian Institute of Science, Bangalore

Speakers :

- 1) Dr. Gururaja Karjagi
Director, Academy for Creative Teaching, Bangalore
- 2) Dr. Ramoji Raghavan
Chairman, Agasthya International Foundation, Bangalore
- 3) Sri D. S. Rajanna
Director, DESRT, Department of Education, GoK
- 4) Prof. A. S. Seetharama
Sarva Shikshana Abhiyana, Government of Karnataka

11.00 - 01.00 Noon : **Parallel Technical Session :**
6B : Higher Education

Chairman: Prof. R. Narasimha FRS
Former Director, NAL and NIAS
Chairman, Engineering Mechanics Unit,
Jawaharlal Nehru Center for Advanced
Scientific Research, Jakkur, Bangalore

Speakers:

- 1) Prof. M. I. Savadatti
Vice Chairman
Karnataka State Council for Higher Education, GOK
and Former Vice Chancellor, Mangalore University
- 2) Prof. H. P. Kincha
Vice Chancellor,
Visveswaraiah Technological University, Belgaum
- 3) Prof. K. S. Rangappa
Vice Chancellor,
Karnataka State Open University, Mysore

01.00 – 02.00 PM : Lunch Break

02.00 - 3.30 PM : **Panel Discussion 7: Bridging between Education
and Industry**

Chairman: Prof. B. N. Raghunandan
Divisional Chairperson
Earth and Environmental Sciences,
Indian Institute of Science, Bangalore

Panelists:

- Sri V. P. Baligar, IAS
Principal Secretary, Department of Industries and
Commerce, Government of Karnataka
- Prof. S. A. Shivashankar
Material Research Centre, Indian Institute of Science
- Prof. Vijaya Chandru
Chairman & CEO, Strand Life Science Pvt. Ltd. Bangalore
- Prof. Rudra Pratap
Department of Mechanical Engineering
Indian Institute of Science, Bangalore
- Prof. T. G. Sitharam
Chairman, CiSTUP,
Indian Institute of Science, Bangalore
- Dr. H. B. Rudresh
Vijaya Metals Finishers, Bangalore

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VALEDICTORY FUNCTION

Date : Saturday, 17th April 2010 **Time** : 3.30 PM
Venue : J. N. Tata Auditorium, Indian Institute of Science, Bangalore

- 03.30 pm – 03.40 pm : Welcome
Prof. M. S. Mohan Kumar
Secretary, KSCST, Bangalore
- 03.40 pm – 04.00 pm : Valedictory Address
Dr. A. Ravindra IAS
Adviser to the Hon'ble Chief Minister – Urban Affairs
Former Chief Secretary, Government of Karnataka
- 04.00 pm – 04.10 pm : Recommendations
- 04.10 pm – 04.25 pm : Presidential Remarks
Sri P. Ravikumar IAS
Principal Secretary, Department of Rural Development and
PanchayatRaj, Government of Karnataka
- 04.25 pm – 04.30 pm : Vote of Thanks

*** Science and Technology Exhibition has been arranged during the conference ***