SUMMIT OF SOUTH ASIAN ACADEMIES

Programme

6-9 September 2012

Indian National Science Academy
New Delhi-110 002
### Thursday, 6 September 2012

**0900-0930**  
**Registration**

**0930-1030**  
**Inaugural Function**

<table>
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<th>Time</th>
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<td>09:20</td>
<td>Reception at Indian National Science Academy, Bahadur Shah Zafar Marg, ITO, New Delhi by Prof. Krishan Lal, President, INSA; Prof. T. Ramasami, Secretary, DST; Prof. N. Sathyamurthy, Vice President, INSA; and Dr. Alok Moitra, Executive Director, INSA</td>
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| 09:30 | Chief Guest escorted to the Dias in the INSA Auditorium  
Presentation of Bouquets to the Chief Guest, Guests of Honour |
| 09:32 | Prof. Krishan Lal: *Welcome and Background to the Summit* |
| 09:42 | Dr. R. Chidambaram: *Remarks* |
| 09:52 | Dr. T. Ramasami: *Remarks* |
| 09:57 | Release of Two INSA Publications: by the Chief Guest |
| 10:00 | Shri Vayalar Ravi, Hon'ble Minister: Inaugural Address |
| 10:20 | Presentation of Mementos to the Chief Guest and Guests of Honours |
| 10:25 | Prof. N. Sathyamurthy: *Vote of Thanks* |
| 10:30 | To proceed for Tea/Coffee |

**1030-1100**  
Tea/Coffee

**1100-1330**  
**Session I - Presentations by Academy Presidents and General Discussion**  
Chair: Professor MGK Menon; Co-Chair: Professor M Vijayan

- Professor Gh. Najamuddin Tarin, *Afghanistan Academy of Sciences*
- Professor Ahmadou Lamine Ndiaye, *African Academy of Sciences*
- Professor Mesbahuddin Ahmad, *Bangladesh Academy of Sciences*
- Professor Krishan Lal, *Indian National Science Academy*
- Professor Hassan Zohoor, *Academy of Sciences of Islamic Republic of Iran*
- Dr Yousouf Maudarbocus, *The Mauritius Academy of Science & Technology*
- Professor Surendra Raj Kafle, *Nepal Academy of Science & Technology*
- Professor Atta ur Rahman, *Pakistan Academy of Sciences*
- Dr Locana Gunaratne, *The National Academy of Sciences, Sri Lanka*

**1330-1430**  
Lunch

**1430-1730**  
**Session II - Energy Options for South Asian Countries**  
Chair: Dr R Chidambaram; Co-Chair: Professor SR Kafle

- Dr R Chidambaram  
- Dr RK Sinha  
- Professor RC Budhani on “Solar Photovoltaic Research: Efficiency, Materials and Sustainability Challenges”

**1600-1630**  
Tea/Coffee
1630-1730  **Session II – Contd….**

Professor ON Srivastava on “Harnessing Hydrogen: The only Energy for taking care of the issues relating to Depletion; Pollution, and Climate Change Effects”.
Shri A V Krishnan on “The Prospects of Thermal Power in India”

Discussion

Demonstration of vehicles fuelled by hydrogen

1730-1830  **Evening Lecture** – Dr T Ramasami, Secretary, DST

“Changing Science, Technology & Innovation Landscape: Lessons from India”.

1930  Dinner – hosted by Shri Vayalar Ravi, Hon’ble Minister for Science & Technology, ES, MSME and OIA at Jacaranda Hall, India Habitat Centre, Lodhi Estate, New Delhi

Friday, 7 September 2012

0900-1100  **Session III – Infectious Diseases: A Continuous Challenge in the Region**

**Chair:** Professor PN Tandon; **Co-Chair:** Professor Gh. Najamuddin Tarin

Professor MK Bhan
Professor (Mrs) Mirani Weerasooriya on “Can we eliminate Lymphatic Filariasis from Sri Lanka? – A review of twenty year field based studies”.
Dr J M Deshpande on “Enterovirus 71 as emerging Neurotropic Virus in Asia-Pacific”.

Discussion

1100-1130  Tea/Coffee

1130-1300  **Session IV – Strengthening Science Education**

**Chair:** Professor N Mukunda; **Co-Chair:** Professor Shamsher Ali

Professor G Mehta on “Science in Education: Emerging Paradigms”
Professor N Mukunda on “Science Education initiatives of India’s Science Academies”

1300-1400  Lunch

1400-1530  Professor Shamsher Ali on “How to do more with less in Science Education”

Professor Dipankar Chatterji on “Mission forward: Indian Experiments”

Discussion

1600-1630  Tea/Coffee
1630-1830  
**Session V – Science & Society Issues**  
Chair: Professor Ahmadou Lamine Ndiaye;  **Co-Chair:** Dr S Varadarajan  

a)  **Women in Science**  
Professor Rohini Godbole on “Engaging women in Science in South Asia”  

b)  **Urbanization**  
Dr Locana Gunaratne on Impact of Urbanization  

c)  **Climate Change**  
Professor J Srinivasan  
Professor S Jugessur  
Professor Legan Ogallo  on Climate Risk Management in Africa  

Discussion  

1930  
Dinner – hosted by Dr R Chidambaram, Principal Scientific Adviser to Govt of India, at Terrace Pergola, India International Centre, New Delhi

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**Saturday, 8 September 2012**

0900-1100  
**Session VI – Innovation and Entrepreneurship in Developing Knowledge Economies**  
Chair: Professor Dinesh Singh;  **Co-Chair:** Professor Atta-ur-Rahman  

**Speakers:**  
Dr RA Mashelkar  
on  *Inclusive Innovation: Doing Well by Doing Good*”  

Professor Atta-ur-Rahman  
on  *Higher Education, Science & Technology: Imperatives for Socio-Economic Development*”  

Professor SK Brahmachari  
on  *CSIR Driving and Delivering S&T Innovation*”  

Discussion  

1100-1130  
Tea/Coffee  

1130-1300  
**Session VII – Summit Statement**  
Chair: Professor AK Sharma;  **Co-Chairs:** Dr Yousouf Maudarbocus & Dr Locana Gunaratne  

Summing up and finalization of Summit Statement  

1300-1400  
Lunch
1400-1500  One hour programme by Rajya Sabha TV
1500-1530  Tea/Coffee
1530-1800  **Concluding Session VIII**

Brief presentation by Prof G K Chadha on the concept of South Asian University.

**Final Remarks by Academy Presidents**

1830-1930  Cultural Programme

1930  Farewell Dinner – hosted by Professor Krishan Lal, President INSA at INSA.

**Sunday, 9 September, 2012**

0700 hrs. onwards  Visit to Taj Mahal