Second NIAS Course

The Indian Space Enterprise: Promoting Development in a Changing Economy

for

Indian Space Research Organisation
(jointly sponsored with the Indian Space Research Organisation)
[6-11th November 2000]

Programme

Monday 6, November

0945  Welcome
Prof. B. V. Sreekantan, Honorary Visiting Professor, NIAS, Bangalore

1000  Inaugural Address
Dr. K. Kasturirangan, Chairman-ISRO and Secretary-Department of Space, Bangalore

1040  Vote of Thanks
Dr. M. G. Narasimhan, Associate Fellow, NIAS, Bangalore

1100  Tea

1130  Participant and NIAS Faculty introductions

1300  Lunch

1400  The Philosophy of Mathematical Modeling
Prof. P. G. Vaidya, Ashutosh Mukherjee Visiting Professor, NIAS, Bangalore

1530  Tea

1600  The Simputer Story
Prof. Vijay Chandru, Computer Science and Automation Management Studies, IISc., Bangalore
Mr. Vinay L. Deshpande, Managing Director, Encore Software Limited, Bangalore

1830  Future of Indian Literature
Prof. U. R. Ananthamurthy, Bangalore
Tuesday 7 November

0930  *Indian Atomic Energy Programme: Its Impact*
Prof. C.V. Sundaram, Honorary Visiting Professor, NIAS, Bangalore

1100  Tea

1130  *Collaborative Role of Industry in Applications of Space Technology*
Mr. T. J. Ravindran, Senior DGM-Spl Projects, L&T Limited, Surat

1300  Lunch

1400  *Doing Science in India*
Prof. T. V. Ramakrishnan, Department of Physics, IISc, Bangalore

1530  Tea

1600  *Exploring the Universe from Space*
Prof. G. Srinivasan, Department of Astrophysics, Raman Research Institute, Bangalore

1830  Group Discussions
Prof. N. Kumar, Director, Raman Research Institute, Bangalore
[to join for dinner after discussions]

Wednesday 8 November

0930  *“Space:” The Final Frontier of Science, Technology and Philosophy*
Prof. B. V. Sreekantan, Honorary Visiting Professor, NIAS, Bangalore

1100  Tea

1130  *Commercialisation of Space*
Dr. J. P. Singh, Group President & CEO, ASC Enterprises Limited, Mumbai

1300  Lunch

1400  *Visit to Nrityagram, The Dance Village*

1830  Associates’ Programme - *Veena Recital*
Mr. D. Balakrishna, Malleswaram, Bangalore

Prof. Satish Dhawan, ISRO, Bangalore
[to join for Dinner after Veena Recital]
Thursday 9, November

0930  *Introduction to International Space Law*
Prof. V. S. Mani, Jawaharlal Nehru University, New Delhi

1100  Tea

1130  *DRDO Project Management*
Lt. Gen. V. J. Sundaram, Aeronautical Development Agency, Bangalore

1300  Lunch

1400  *Intellectual Property Rights*
Mr. Rahul Matthan, Partner, Matthan Law Offices, Bangalore

1530  Tea

1600  *Human Genome Project*
Prof. H. Sharat Chandra, Honorary Director, Centre for Human Genetics, Bangalore

1830  *What Satellites can do for Monsoon Research?*
Prof. J. Srinivasan, Centre for Atmospheric and Oceanic Sciences, IISc., Bangalore

Friday 10, November

0930  *Giant Metre Wave Radio Telescope - Challenges at the Frontiers of Science and Engineering*
Prof. Govind Swarup, Homi Bhabha Senior Fellow, National Centre for Radio Astrophysics, TIFR, Pune

1100  Tea

1130  *Strategic Dimensions in the Future of the Indian Enterprise in Space*
Dr. V. Siddhartha, Secretariat of Scientific Adviser to Raksha Mantri, Ministry of Defence, New Delhi

1300  Lunch

1400  *Indian Nuclear Programme: From R&D to Production*
Dr. Anil Kakodkar, Director, Bhabha Atomic Research Centre, Mumbai

1530  Tea
1600  
**Globalisation and Indian Media**  
Mr. Kiran Karnik, Managing Director, Discovery Communications,  
New Delhi

1830  
**Panel Discussion: Education**  
Dr. Raja Ramanna, Vice Chairman-NIAS Council & MP-Rajya Sabha  
Prof. R. Narasimha, Director, NIAS, Bangalore  
Dr. Shantha Mohan, Fellow, Gender Studies Unit, NIAS, Bangalore

Saturday 11, November

0900  
**Leadership and Followership Across Cultures**  
Dr. G. K. Jayaram, Cranbury, New Jersey

1030  
Tea

1100  
**Participant Presentations**

1200  
**Valedictory address**  
Dr. Raja Ramanna, Vice Chairman-NIAS Council & MP-Rajya Sabha