FIRST NIAS COURSE

THE INDIAN SPACE ENTERPRISE: FORESEEING THE FUTURE

for

INDIAN SPACE RESEARCH ORGANISATION
(jointly sponsored with the Indian Space Research Organisation)

4-9 October 1999

Programme

0930 Monday 4 October  
INAUGURATION

0930  Welcome  Prof R Narasimha, Director, NIAS
0940  Address  Dr S Vasantha, Director
         Liquid Propulsion Systems Centre, Thiruvananthapuram
0950  Inaugural Address  Dr K Kasturirangan, Chairman, ISRO
1040  Vote of Thanks  Dr Anindya Sinha, NIAS
1045  Tea

1115  A Vision 2020 for a developed India – The Technology Perspective
          Mr Y S Rajan, Confederation of Indian Industries, New Delhi

1400  ISRO's Launch Vehicle Programme: Lessons from the Past
          Mr Gopal Raj, The Hindu, Bangalore

1600  Future Directions in Space Science
          Prof R Cowsik, Indian Institute of Astrophysics

1830  Trends in Information Technology
          Prof N Balakrishnan, Indian Institute of Science
Tuesday, 5 October

0900  
*Space Law*  
Dr V S Mani, Jawaharlal Nehru University, New Delhi

1115  
*Leadership in Indian Science and Technology*  
Dr Ashok Parthasarathy, National Commission for Scheduled Castes and Scheduled Tribes, New Delhi

1400  
*Science and Technology in our History*  
Prof R Narasimha, NIAS

1600  
*Transformation of Indian Space Programme for Survival and Sustainable Growth in the New Millennium: A Former Insider’s Perspective*  
Mr Jai P Singh, ASC Enterprises Limited, Mumbai

1830  
*Global Communication in the Future*  
Prof Kenneth Keniston, Massachusetts Institute of Technology, USA

Wednesday, 6 October

0900  
Visit to Nrityagram, Hessarghata

1400  
Visit to the ISRO Satellite Tracking Station, Peenya, Bangalore

1500  
Visit to the ISRO Satellite Centre, Bangalore

1900  
*A Bharat Natyam recital*  
Subhashini V. Rajagopal, Bangalore

Thursday, 7 October

0900  
*Panel Discussion: Approaches to National Technology Development*  
Prof S Chandrashekhar, Indian Institute of Management  
Dr K G Narayananan, Aeronautical Development Establishment  
Prof C V Sundaram, NIAS

1400  
*The Development and Future of the Indian Educational System*  
Prof Anil Sadgopal, Department of Education, Delhi University
1600 Doing science in India
Prof C N R Rao, Jawaharlal Nehru Centre for Advanced Scientific Research

1830 Obituary on Caste as a System
Prof M N Srinivas, NIAS

Friday 8 October
0900 Technology Denials, their Future, and 'Dual-use' in the Future of our Space Programme
Dr V Siddhartha, Defense Research and Development Organisation

1115 The Social Conscience of ISRO
Mr Kiran Karnik, Discovery Communications, New Delhi

1400 Panel Discussion: Future Trends in Space Technology
Mr G Madhavan Nair, Vikram Sarabhai Space Centre
Dr George Joseph, Space Applications Centre
Dr B D Pradhan, ICO Global Communication Holdings BV, Mumbai

1930 National security
Dr Raja Ramanna, NIAS

Saturday 9 October VALEDICTORY SESSION
0900 Seminars by the Participants
1100 Concluding Discussion
1130 Tea
1200 Valedictory Address
Dr A P J Abdul Kalam, Scientific Advisor to the Raksha Mantri, New Delhi
1300 Lunch