



International Seminar on Indian Space Programme: Trends & Opportunities for Industry

November 20-21, 2017

The Ashok Hotel, New Delhi

Tentative Programme

Day 1: November 20, 2017

(0830-2100 hrs)

Inaugural Session	
0830 – 0930 hrs	Registration
0928 hrs	Dignitaries on Dias
0929 hrs	Welcome of Guests with Green Certificates
0930-0935 hrs	Welcome Address by Mr Pankaj R Patel , President, FICCI
0935-0945 hrs	Introduction of the event by Lt Col Ratan Shrivastava (Retd), Honorary Advisor, Space Division, FICCI
0945-0955 hrs	Screening of ISRO Film on Indian Space Programme
0955-1005 hrs	Address by Col HS Shankar , VSM (Retd), Chairman, Space Division, FICCI
1005-1015 hrs	Industry Perspective by FICCI
1015-1030 hrs	Address by Guest of Honour Mr AS Kiran Kumar , Secretary, Department of Space/Chairman, ISRO
1030-1050 hrs	Inaugural Address by the Chief Guest Dr Jitendra Singh , Hon'ble Minister of State (MoS) (Independent Charge) for the Ministry of Development of North Eastern Region, Prime Minister's Office, Personnel, Public Grievances and Pensions, Department of Atomic Energy and Department of Space
1050-1053 hrs	Release of the FICCI Compendium on Indian Space Industry
1053-1100 hrs	Vote of Thanks by Dr Sanjaya Baru , Secretary General, FICCI
1100-1125 hrs	High Tea
Session 1	
Space Industry Ecosystem: Opportunities for Industry	
1125-1135 hrs	Opening Remarks by Session Chair - Dr M Annadurai , Director, ISRO Sattelite Centre, Bangalore
1135-1155 hrs	Perspective of ISRO's Programme over next decade by Dr PG Diwakar Scientific Secretary, ISRO
1155-1210 hrs	Perspective of Indian Space Industry on Mechanical Systems
1210-1225 hrs	Perspective of Indian Space Industry on Electronics Systems
1225-1240 hrs	Perspective of International Space Industry
1240-1255 hrs	Perspective of Foreign OEM Partners
1255-1310 hrs	Expectations of Start-up Indian Space Industry
1310-1330 hrs	Discussion / Questions & Answers
1330-1335 hrs	Closing Remarks by Session Chair and Distribution of Green Certificates
1335-1430 hrs	Networking Lunch
Session 2	
Leveraging Public-Private Partnership in Indian Space Program	
1430-1440 hrs	Opening Remarks by Session Chair - Mr K Sivan , Director, Vikram Sarabhai Space Centre, ISRO
1440-1455 hrs	Propulsion and Related Technologies - Mr S Somanath , Director, Liquid Propulsion Systems Centre, ISRO

1455-1505 hrs	Launch Vehicles and Related Technologies - Mr P Kunhikrishnan , Director, Satish Dhawan Space Centre, ISRO
1510-1520 hrs	Speaker from Indian Industry
1520-1530 hrs	Policy Perspective, Legal Framework, etc - Mrs Vandita Sharma , Additional Secretary, Department of Space
1530-1550 hrs	Discussion / Questions & Answers
1550-1555 hrs	Closing Remarks by Session Chair and Distribution of Green Certificates
1555-1615 hrs	Tea/ Coffee Break
Session 3	
Leveraging Public-Private Partnership in Indian Space Programs	
1615-1625 hrs	Opening Remarks by Session Chair - Mr Tapan Mishra , Director, Space Applications Centre, ISRO
1625-1635hrs	Satellites and Related Technologies - Dr M Nageswara Rao , Associate Director, ISRO Satellite Centre
1635-1645 hrs	Satellite Payloads and Related Technologies - Dr D K Das , Associate Director, Space Applications Centre, ISRO
1645-1655 hrs	Speaker from Indian Space MSME
1655-1705 hrs	Speaker from Foreign Major
1705-1715 hrs	Perspective of Space Industry Association / NAC
1715-1735 hrs	Discussion / Questions & Answers
1735-1745 hrs	Closing Remarks by Session Chair and Distribution of Green Certificates
1745-1900 hrs	Break
1900-2100 hrs	Dinner

Day 2: November 21, 2017

(0930-1715 hrs)

Session 4	
Capacity Building and Talent Management	
0930-0945 hrs	Opening Remarks by Session Chair- Dr VK Saraswat , Member Niti Aayog
0945-1000 hrs	Capacity Building in Indian Space programme - Dr BN Suresh , ISRO Distinguished Professor
1000-1010 hrs	Capacity Building in Space Applications - Dr Y V N Krishnamurthy , Director, National Remote Sensing Centre, ISRO
1010-1020 hrs	Indian Space Industry Perspective - FICCI
1020-1030 hrs	Foreign OEM Perspective on Engaging Students in Space activities – Speaker from Space Industry Association
1030-1040 hrs	Capacity Building – Speaker from Foreign University
1040-1050 hrs	Space Industry Perspective – Foreign Major
1050-1115 hrs	Discussion/ Questions & Answers
1100-1125 hrs	Tea / Coffee Break

Session 5	
Panel Discussion: Role of Industry in Indian Space Program	
1130-1135 hrs	Opening Remarks by Session Chair - Mr S Rakesh , CMD, Antrix Corporation Ltd.
1135-1245 hrs	Panel comprising speakers from <ul style="list-style-type: none"> – ISRO – Antrix – Indian Large Company – Indian Public Sector – Indian MSME – Indian Meteaturgical Company – Foreign Space Major – Foreign Space Industry Association / university
1245-1315 hrs	Questions and Answers
1315-1325 hrs	Closing Remarks by Session Chair and distribution of Green Certificates
1325-1430 hrs	Networking Lunch
B2G and B2B Meetings	
1440-1615 hrs	Participants will be allocated place/ seats as per their requirements
1615-1630 hrs	Tea / Coffee Break
Valedictory Session	
1630-1635 hrs	Welcome by Mrs Ambika Sharma , Director General (International), FICCI
1635-1645 hrs	Address by Special Guest Mr AS Kiran Kumar* , Secretary, Department of Space, Chairman, ISRO/ Dr K Sivan* , Director Vikram Sarabhai Space Centre, ISRO
1645-1655 hrs	Address by Guest of Honour Dr S Jaishankar* , Foreign Secretary, Government of India
1655-1705 hrs	Address by Mr Amitabh Kant* , CEO, Niti Aayog
1705-1715 hrs	Summing up & Vote of Thanks by Dr Sanjaya Baru , Secretary General, FICCI
Conclusion of Event	

*To be confirmed



List of Speakers to be Invited from Key Industries and Institutes

Airbus	Lokheed Martin
Alpha Design Technologies Limited	Mecon
Ananth Technologies Limited	MIDHANI
Astra Microwave	NASA
Avantel Systems	NAC
Bellatrix	Nanyong Technological University
Centrum Electronics	National University of Singapore
Data Patterns	New Tech Solutions
DCX Cable Assemblies	Northern Sky Research
Euroconsult	OneWeb
European Space Industry Association	Orbital ATK
Godrej	Singapore Space Industry Association
Hindustan Aeronautics Limited	Singapore Space Tech Association
Indian Institute of Science	SpaceX
Indian Institute of Technology	ThalesAlenia
INTELSAT	Vinyas Innovative Technologies
International Space University	Virgin Galactic
JAXA	Walchand Nagar
L&T	