







1-3 SEPTEMBER, 2016 | BIEC, Bengaluru, INDIA







BENGALURU SPACE EXPO 2016

A REPORT

Only B2B event on Space, Satellites, Launch vehicles and related products, services and technologies

Over 3,875 people in attendance

83 exhibitors and participation from over 15 countries

"World Space-Biz" attended by 595 delegates from India and 18 countries

B2B Session on Small Satellite Manufacturing attended by over 100 delegates



www.bsxindia.com

The 5th Bengaluru Space Expo 2016 organized by the Confederation of Indian Industry (CII) in association with the Indian Space Research Organisation (ISRO) and Antrix Corporation unveiled on 1 September 2016; was successfully concluded on the 3 September 2016 at Bengaluru. The Bengaluru Space Expo has been the only B2B event focusing on Space, Satellites, Launch vehicles and its related products, services and technologies for Indian and global space industry to address the challenges, and deliberate for better growth.

BSX 2016, Asia's only focused exhibition on Space, Satellites, Launch Vehicles and its related

products and technologies received encouraging response from the industry with over 83 exhibitors and participation from over 15 countries. These comprise Canada, France, Germany, Hong Kong, India, Malaysia, Singapore, Thailand and USA. The new entrants at this edition are Australia, Japan, Russia, Switzerland, Taiwan (RoC) and Ukraine. BSX witnessed for the first time, participation from a number of Space Agencies including the Australia Space Agency and Space industry Association of Australia, French Space Agency (CNES), National Space Center, Taiwan, Swiss Space Center and Japan Space Exploration Agency (JAXA).







Dr. Kiran KumarSecretary, DOS
Chairman, Space Commission and Chairman, ISRO

Dr. Kiran Kumar, Secretary, DOS, Chairman, Space Commission and, Chairman, ISRO, inaugurated BSX 2016 and flagged the theme of encouraging Indian Industry to build entire Satellites and partner in rocket integration by taking bigger stakes.

He said, "Industry needs to take on the larger role of building entire Satellites and partner in rocket integration by taking bigger stakes", while delivering the inaugural address of the 5th Bengaluru Space Expo 2016 at BIEC, Bengaluru. Further, he added that with the industry taking the larger role, ISRO can focus predominantly on the Research & Development and developing futuristic technologies. He said that with this lead role coupled with ground systems and downstream application services, the business opportunities within the country will be large. Mr. Kumar also mentioned that this event is to ensure interaction between ISRO and the industry; also it's an opportunity for international exposure, to showcase the products as well as have an interaction with the Indian industry. He informed that ISRO is trying to reach out across industry and convey the opportunities in the space segment. Today, Indian industry is poised for large growth through the Make in India initiative. He said that there has been a lot done in the field of ground station, small satellite etc. that requires active support from the industry.

For the last four decades, ISRO has demonstrated unstinted efforts to make new space technologies for the development of the country both in the rural and the urban areas. The industry now needs to take a bigger role by developing further, the applications based on these technologies.





Mr. Rakesh Sasibhushan CMD, Antrix Corporation Limited

Mr. Rakesh Sasibhushan, CMD, Antrix Corporation Limited says the Indian space programme has been the driving force in conceiving ISRO-Antrix-CII partnership. Mr. Rakesh also emphasized on the output required from BSX 2016 and the difference observed in BSX 2016, unlike previous vears. He highlighted that the show is a platform where global professionals meet with the industry and exchange ideas for the development." Today, we are in the era that is highly influenced by technology and in the near future, space technology is going to be useful in our daily lives. This year, BSX is a platform to make the industry aware of the new space technologies and that is only possible by highlighting the enormous opportunities in this sector", he added.





Mr. Deep Kapuria Chairman, Trade Fairs Council, CII MD. Hi-Tech Gears

Mr. Deep Kapuria, Chairman, Trade Fairs Council, CII and MD, Hi-Tech Gears addressed the inauguration and stated that there is a supply chain challenge that an organization faces. This results in the slowdown of the process. The prime interest in organizing BSX is to make use of space technology & innovation of the industry. Thereafter, utilize it to make it a success and deliver solutions that the country demands. It's a platform to highlight the opportunities in the field of space like deep space opportunity, mining in outer planets for the industry and seek their association in the endeavour. Mr. Kapuria assured the ISRO Chairman that CII and Indian Industry will be forthcoming to participate in ISRO's future initiatives. He ended his speech saying that space has no boundaries and demands technology for creating a better world.



Over 3,875 people, a confluence of decision makers, professionals, consultants, representatives from ISRO Centres and students from the renowned Space Institutes of the country attended the event. The event showcased a wide range of innovations, solutions and technologies by Indian Space Industry, alongside those from overseas facilitating a platform for discussing various ongoing projects / future projects and partnerships. The event also highlighted the fact of enhancing the role of private sector in the space missions. Overseas delegations from Australia, Canada, France, Germany, Hong Kong, Japan, Malaysia, Singapore, Thailand, Ukraine, and USA attended BSX 2016 and conducted successful business meetings.

During the three days, the event generated a number of business enquiries, in addition to expression of interest in joint working by visiting delegations. While BSX 2016 provided a defined platform to students for networking and showcasing their innovations; it also provided a unique opportunity to interact with senior personnel of ISRO on their role and future in the Indian Space Industry.

Number of events for engaging the industry were also organized during the event and received an overwhelming response. The events primarily focused on enhancing the partnership between industry, start ups and ISRO Centres.















The visit of Swiss delegation comprising key people from Swiss Space Center, leading academic institutes in space research and companies facilitated by Swiss Consulate, Bangalore, organised a Swiss Space Innovation Evening" to connect with Indian Space Research Organisation and business community to identify opportunities and areas of interest for future collaborations.

A Special interaction by Team Indus on Manufacturing of Satellites was also organized to bring together the partners from Space Technology, Satellite Manufacturing, Space Startups and entrepreneurs.

BSX 2016 was also supported by a concurrent three-day International Conference "World Space-Biz" which deliberated on various space-related aspects. The three day Summit was attended by over 595 delegates from India and overseas, representing the space agencies, satellite, navigation, remote sensing and equipment manufacturing companies from 18 countries. A number of technical presentations were made at the Summit, which was addressed by prominent speakers from many countries. The subjects covered were Advances in Satellite Technology - Small Satellites, Unlocking Potential through HTS, GIS and Navigation Enabling and Trends, How the World Will Communicate in 2030. The 'World Space - Biz' provided platform for international and domestic space industry, space agencies, academia and scientific community, vendors and suppliers to discuss and deliberate upon future commercial prospects for international space industry in general and Asian region in particular.









EXPLORING MULTIPLE OPPORTUNITIES IN INDIAN SPACE SECTOR

The positive mood at BSX 2016 was due to the strong turnout of decision-making buyers and the presence of leading importers. Using proven and innovative marketing strategies, the organisors' strategically increased the reach of the event by addressing the target visitor group extensively.





Confederation of Indian Industry

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