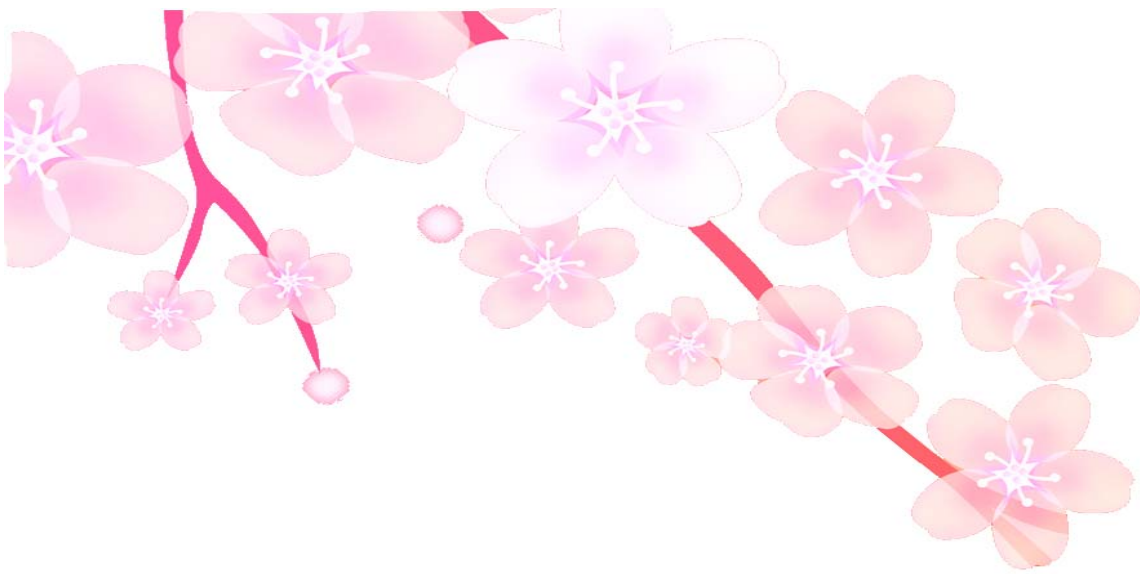


As of February 20, 2019



***STS forum* 4th INDIA – JAPAN Workshop in DELHI**

February 27, 2019

Venue: Desire, Le Meridien, New Delhi



Organized by



Science and Technology in Society *forum* (STS *forum*)



Ministry of Science and Technology of India

Supported by



Japan External Trade Organization (JETRO)



Confederation of Indian Industry

Confederation of Indian Industry (CII)



Embassy of Japan to India

Program

| TIME | AGENDA |
|-------------------------------------|---|
| Tuesday, February 26, 2019 | |
| 20:00 – 21:30 | Welcome Reception hosted by H.E. Mr. Kenji Hiramatsu, Ambassador Extraordinary and Plenipotentiary, Embassy of Japan in India |
| Wednesday, February 27, 2019 | |
| 9:30 - 10:00 | Registration & Welcome Coffee/Tea |
| 10:00 - 10:20 | Opening Address: - Mr. Koji Omi , Founder and Chairman, STS forum - Dr. Harsh Vardhan , Minister of Science & Technology and Earth Sciences, Government of India |
| 10:20 - 10:30 | Keynote Address: - Mr. Amitabh Kant , Chief Executive Officer, National Institute for Transforming India (NITI Aayog), Government of India |
| 10:30 - 10:45 | Welcome Address: - Mr. Kenji Hiramatsu , Ambassador Extraordinary and Plenipotentiary, Embassy of Japan in India - Mr. Deep Kapuria , Co-Chairman, International Trade Policy Committee, Confederation of Indian Industry (CII); Chairman, The Hi-Tech Group - Mr. Naoyoshi Noguchi , Executive Vice President, Japan External Trade Organization (JETRO) |

Program

| TIME | AGENDA |
|--------------|---|
| 10:50- 12:30 | <p><i>Session 1 :</i></p> <p><i>Startup and Innovation Eco-system driven by Science & Technology</i></p> <p>Prime Minister Abe and Prime Minister Modi have been exchanging visits and building a good relationship in order to strengthen cooperation between Japan and India in multiple fields. When Prime Minister Modi visited Japan in October 2018, he spoke to the Japanese business community. He noted that one of the top priorities in India is improving the business environment for foreign enterprises, and said he hoped that not only large Japanese companies but also small and medium enterprises would come to India and become part of Indian business circles. He also mentioned that India, with its “Make in India” manufacturing promotion plan, is aiming to be a worldwide research and development hub. He expressed respect for the great results obtained from combining Indian software and Japanese hardware. Japanese business executives also expressed hope for startups launched by entrepreneurs of both countries and a cooperative innovation ecosystem.</p> <p>In this session, we will discuss science and technology from a broad perspective based on start-ups and the innovation ecosystem and touch on expectations in both India and Japan, examples of success and acceleration of innovation.</p> <p>Topics for discussion:</p> <ul style="list-style-type: none"> ✓ What are the expectations in the two countries regarding quickly obtaining research results of science and technology? ✓ What factors should be considered for accelerating start-ups in science and technology, education and human resource development? ✓ What are the factors accelerating startups in India? ✓ What is the startup situation in Japan and the challenges such companies face? ✓ What are the strengths and weaknesses of India and Japan in their respective innovation ecosystems? ✓ How should innovation ecosystems make use of the characteristics of the two countries? |

Program

| TIME | AGENDA |
|---|---|
| <p>10:50 - 11:40</p> <p>Total 8 speakers including chair from both side. 6 minutes for each speaker.</p> | <p><i>Session 1 : Startup and Innovation Eco-system driven by Science & Technology</i></p> <p><Session Chair> Prof. Ashutosh Sharma, Secretary to the Government of India, Department of Science and Technology (DST), Ministry of Science and Technology</p> <p><Speakers> Mr. Yoshio Yamawaki, Deputy Minister, Ministry of Education, Culture, Sports, Science and Technology (MEXT) Prof. Milind Atrey, Institute Chair Professor, Mechanical Department, Indian Institute of Technology Bombay (IIT-Bombay) Dr. Yoshimasa Goto, Executive Director, Japan Science & Technology Agency (JST) Mr. Binod Hampapur, Executive Vice President & Global Head of Talent & Technology Operations and Quality, Infosys Ltd. Mr. Hiroshi Oikawa, President, New Energy and Industrial Technology Development Organization (NEDO) Mr. Jayant D. Patil, Member of the Board & Whole – Time Director, Larsen & Toubro Limited Prof. Hiroyuki Takahashi, Special Adviser to the President, Institute of Engineering Innovation, University of Tokyo</p> |
| <p>11:40 - 12:10</p> | <p>Discussion among panelists</p> |
| <p>12:10 - 12:30</p> | <p>Q&A with audience</p> |

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|-----------------------------|--|
| <p>12:30 - 12:45</p> | <p><i>Special Session : The Mumbai - Ahmedabad High Speed Rail Project</i></p> <p>Mr. Yoshihiro Kumamoto, Senior Executive Officer & Deputy Director General of International Affairs Headquarters, High Speed Rail Project in India, East Japan Railway Company</p> |
| <p>12:45 - 13:50</p> | <p>Buffet Lunch</p> |

Program

| TIME | AGENDA |
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| 13:50 - 15:30 | <p><i>Session 2:</i> <i>Society changed by IoT and IoE</i></p> <p>The Japan-India Vision Statement in conjunction with the summit between our two countries welcomes the IoT and AI digital partnership between them. This partnership is expected to make use of the excellent technologies of both countries and lead the social change flagship of “Start-Up India” and “Smart City” in India and “Society 5.0” in Japan more strongly. This session, “IoT to IoE,” focuses on the development of digital society in recent years and discusses the roles and challenges these technologies present in people’s daily lives and social change.</p> <p>Topics for discussion:</p> <ul style="list-style-type: none"> ✓ How does evolution from IoT to IoE change people’s lifestyles and society? ✓ How can collaboration in India and Japan’s IoT and IoE domains be deepened? ✓ How can threats to security and privacy be dealt with through cooperation between our two countries? ✓ What preparations are needed for a society in which IoT and IoE have evolved further? ✓ What are the expectations toward collaboration between India and Japan? ✓ What can be expected from the younger generation in the two countries? |

Program

| TIME | AGENDA |
|---|---|
| <p>13:50-14:40</p> <p>Total 8 speakers including chair from both side. 6 minutes for each speaker.</p> | <p><i>Session 2: Society changed by IoT and IoE</i></p> <p><Session Chair> Dr. Satoshi Sekiguchi, Vice President, National Institute of Advanced Industrial Science and Technology (AIST)</p> <p><Speakers> Dr. Shirshendu Mukherjee, Biotechnology Industry Research Assistance Council (BIRAC) Mr. Shoji Watanabe, Deputy Director-General, Industrial Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry (METI) Prof. G. C. Nandi, Full Professor (HAG) and Advisor, Department of Information Technology, Indian Institute of Information Technology- Allahabad (IIIT-Allahabad) Mr. Fumio Otani, Senior Vice President, Toshiba Energy Systems & Solutions Corporation Mr. Regu Ayyaswamy, Vice President and Global Head, IoT and Engineering Services Businesses, Tata Consultancy Services India Dr. Akihiko Iketani, Head, NEC Laboratories India, NEC Corporation Mr. Santhosh Madathil, Global Head - Solutions Engineering, IES - Internet of Things, Wipro Limited</p> |
| <p>14:40-15:10</p> | <p>Discussion among panelists</p> |
| <p>15:10-15:30</p> | <p>Q&A with audience</p> |

Program

| TIME | AGENDA |
|---------------|--|
| 15:30 - 16:30 | Networking Time |
| 16:30 – 16:50 | Closing Remarks: - Dr. Ashwani Kumar , former Minister of State in the Ministry of Planning, Ministry of Science and Technology, and Ministry of Earth Sciences - Mr. Koji Omi , Founder and Chairman, STS forum |

Chair and Speakers' Guideline

1. All sessions are conducted in English, without interpretation.
2. No visual materials such as PowerPoint or slides are allowed.
3. Sessions will be conducted in an interactive way as follows:
 - a. One panel has about 8 speakers on the stage.
 - b. The chair first opens the session by briefly introducing the speakers and giving his/her own keynote remarks on the theme of the session (6 minutes).
 - c. The chair will then invite the speakers to give their keynote address without any slides or visual materials (6 minutes each).
 - d. After the address by the final speaker is completed, the chair will guide the discussion among speakers. Approximately 30 minutes will be given for discussion among speakers.
 - e. As the remaining 20 minutes, the chairman declares to move to Q&A with participants at the venue. The questions from participants must be brief, no longer than 1 minute each. The chair will ensure that each question does not exceed this time limit and introduce themselves before speaking (by announcing their full name and affiliation)
 - f. After the final Q&A has been completed, the chair will wrap up the discussions (2 minutes).
4. In order to advance the session effectively, each speaker submits a summary of remarks in advance (2-3 sentences). The chair shall read this summary beforehand and decide the order of the speech and the direction of the discussion between speakers.