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



सत्यमेव जयते
Ministry of Science and
Technology of India

Ministry of Science and Technology of India

Supported by



Japan External Trade Organization (JETRO)



Confederation of Indian Industry (CII)

Confederation of Indian Industry

Embassy of Japan to India

Program

TIME	AGENDA
Tuesday, February 27, 2018	
20:00 – 21:30	Reception at the Official Residence of the Ambassador of Japan to India
Wednesday, February 28, 2018	
9:30 - 10:00	Registration & Welcome Coffee/Tea
10:00 - 10:20	Opening Address: - Mr. Koji Omi , Founder and Chairman, STS <i>forum</i> - Prof. Ashutosh Sharma , Secretary to the Government of India, Department of Science and Technology (DST), Ministry of Science and Technology
10:20 - 10:30	Keynote address: <TBD> - Dr. Harsh Vardhan , Minister of Science & Technology and Earth Sciences, Government of India
10:30 - 10:40	Welcome Address: - Mr. Kenji Hiramatsu , Ambassador Extraordinary and Plenipotentiary, Embassy of Japan in India - 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>Innovation and Entrepreneurship driven by Science & Technology</i></p> <p>In the previous two Workshops, we discussed collaboration between Japan and India in innovation, science and technology and the necessity for cross-border industry-academia cooperation between our two countries. What we should focus on in particular is how to advance from innovative research to startups. There are seeds of advanced research and development capabilities, including in IT, in India, and investment from Japan could accelerate entrepreneurship and enhance mutual competitiveness. Alternatively, Japan's technology could offer innovative ideas to the Indian market to enhance the quality of human life. Furthermore, it may be possible to lead world markets by entrepreneurship through industry-university collaboration between our two countries. Until now, we have discussed cooperation between Japan and India, but this time we would like to encourage more in-depth discussion of science and technology-driven innovation and entrepreneurship.</p> <p>Topics for discussion:</p> <ul style="list-style-type: none"> - What areas of cooperation will be most effective to accelerate the start up for both countries? - Is there a case of realizing the innovation ecosystem in both countries? - What are the areas suitable for practicing innovation ecosystems? - What should be the necessary educational policy for both countries to raise innovation and entrepreneurship?

Program

TIME	AGENDA
<p>10:50 - 11:40</p> <p>Total 8 speakers from both side. 5 minutes for each speaker.</p>	<p>Session 1 : <i>Innovation and Entrepreneurship driven by Science & Technology</i></p> <p><u>Session Chair</u> Dr. Girish Sahni, Secretary to the Government of India, Department of Science & Industrial Research (DSIR), Ministry of Science and Technology</p> <p><u>Speaker 1</u> Mr. Yoichi Ito, Deputy Minister, Ministry of Education, Culture, Sports, Science and Technology (MEXT)</p> <p><u>Speaker 2</u> Prof. Milind Atrey, Professor, Mechanical Department, Indian Institute of Technology Bombay (IIT-Bombay)</p> <p><u>Speaker 3</u> Prof. Mamoru Mitsuishi, Executive Director and Vice President, The University of Tokyo</p> <p><u>Speaker 4</u> Mr. Nadir B. Godrej, Managing Director, Godrej Industries Limited</p> <p><u>Speaker 5</u> Mr. Akihiko Miyamoto, President, New Energy and Industrial Technology Development Organization (NEDO)</p> <p><u>Speaker 6</u> Dr. William Selvamurthy, President, Amity Science, technology & Innovation Foundation (ASTIF)</p> <p><u>Speaker 7</u> Dr. Yoshimasa Goto, Executive Director, Japan Science & Technology Agency (JST)</p> <p><u>Speaker 8</u> Mr. Ravi Menon, Chief Executive, Emerging and International Markets, Escorts Agri Machinery, Escorts</p>
<p>11:40 - 12:10</p>	<p>Discussion among panelists</p>
<p>12:10 - 12:30</p>	<p>Q&A with audience</p>
<p>12:30 - 13:50</p>	<p>Buffet Lunch</p>

Program

TIME	AGENDA
13:50 - 15:30	<p><i>Session 2:</i> <i>AI, Robotics and the Impact on Society</i></p> <p>When Prime Minister Abe visited India in December 2015, the two leaders touched on the aggressive promotion of science and technology cooperation in the ICT field as a joint statement of Japan - India. In response to this, JST and DST agreed that they would support research projects on the topic of ICT including IoT, AI, Big Data as an activity of JST's FY2016 "Collaboration Hubs for International Research Program (CHIRP)". This support program is aiming to establish the collaborative research laboratories of ICT field in India, continuously promote collaborative researches and social and industrial applications of research achievements in India.</p> <p>Under such circumstances, we would like to discuss the technological development of AI and robotics which are particularly noteworthy and the impact on society in the active efforts of both governments. We would like to discuss how the quality of our lives will be improved by enjoying the results of technology development, and what challenges will be brought to society.</p> <p>Also, we would like to discuss about IP strategies and human capacity building in the field of advanced technologies.</p> <p>Topics for discussion:</p> <ul style="list-style-type: none"> - How will the problems of Indian and Japanese society be solved by the development of AI and robotics? What sort of fields can the two countries collaborate to accelerate resolution? - What challenges can happen to society in the shadow of the development of AI and robotics? What are the areas that can be cooperated in this country for this solution? - How should IP strategy in AI and other new technical fields be? - In such a new technical field, what should the education and social system to develop human capacity building be like?

Program

TIME	AGENDA
<p>13:50-14:40</p> <p>Total 8 speakers from both side. 5 minutes for each speaker.</p>	<p>Session 2: <i>AI, Robotics and the Impact on Society</i></p> <p><u>Session Chair</u> Dr. Motoko Kotani, Executive Director, RIKEN</p> <p><u>Speaker 1</u> Dr. Santanu Chaudhury, Director, CSIR- Central Electronics Engineering Research Institute; Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi (IIT-Delhi)</p> <p><u>Speaker 2</u> Mr. Fumikazu Sato, Deputy Director-General, Industrial Science and Technology Policy and Environment Bureau, Ministry of Economy, Trade and Industry (METI)</p> <p><u>Speaker 3</u> Mr. Ananth Krishnan, Chief Technology Officer, TATA Consultancy Services Limited (TCS)</p> <p><u>Speaker 4</u> Dr. Satoshi Sekiguchi, Vice President, National Institute of Advanced Industrial Science and Technology (AIST)</p> <p><u>Speaker 5</u> Prof. G. C. Nandi, Full Professor (HAG) and Advisor, Department of Information Technology, Indian Institute of Information Technology- Allahabad (IIIT-Allahabad)</p> <p><u>Speaker 6</u> Dr. Keiji Yamada, Vice President, Central Research Laboratories, NEC Corporation</p> <p><u>Speaker 7</u> Mr. Gagan Sabharwal, Senior Director, Global Trade Development, National Association of Software and Services Companies (NASSCOM)</p> <p><u>Speaker 8</u> Dr. Hisashi Ikeda, General Manager, Center for Technology Innovation, Systems Engineering, Hitachi Limited, Research & Development Group</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 , Senior Advocate Supreme Court; Former Union Minister of Law & Justice & Member of Parliament (Rajya Sabha) 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 (5 minutes).
 - c. The chair will then invite the speakers to give their keynote address without any slides or visual materials (5 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.