



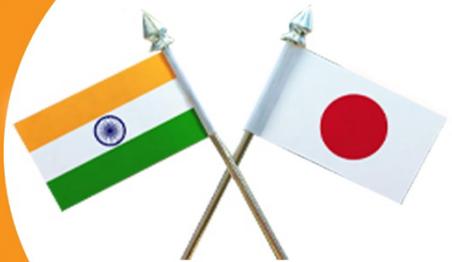
ICFAST TOKYO 2026

INTERNATIONAL CONFERENCE ON FRONTIER AREAS OF SCIENCE & TECHNOLOGY

Japan – India S&T Seminar to Commemorate 40th Year of Japan - India S&T Cooperation

February 14-15, 2026

Ichijo Hall, University of Tokyo



*Organized by India Japan Society for Science, Technology
& Education (IJSSTE) In collaboration with the Embassy of India, Tokyo;
University of Tokyo & Indian JSPS Alumni Association*

Our Sponsors



PROGRAM

INTERNATIONAL CONFERENCE ON FRONTIER AREAS OF SCIENCE & TECHNOLOGY (ICFAST) 2026

Ichijo Hall, University of Tokyo
14-15, February 2026

Venue Address: 1 Chome-1-1 Yayoi, Bunkyo Ku, Tokyo 113-0032 [Venue access link](#)

Program: INDIA JAPAN S&T SEMINAR to Commemorate 40th Anniversary of India-Japan S&T Cooperation,
organized by IJSSTE (www.ijsste.org)

February 14, 2026

08:30-09:00	Registration	
08:30-10:00	Poster Session I & Selected School Science Projects - these sessions will continue in parallel throughout the day	
10:00-10:30	Networking Coffee	
10:30-11:00	Inaugural Session MC:	
	Inaugural Session	<ul style="list-style-type: none">• Welcome: Prof. D. Sakthi Kumar, President, IJSSTE; Chairman, IJAA• Address by Chair of the session: Prof. Yujin Yaguchi, Vice President, The University of Tokyo• Inaugural Address: H. E. Ms. Nagma M. Mallick, Hon'ble Ambassador of India to Japan, Embassy of India, Tokyo, Japan• Felicitations Address by JSPS, Japan: Mr. Shiota Tsuyoshi, Executive Director, JSPS, Japan• Felicitations Address by JST, Japan: Mr. Ito Sotaro, Deputy Director General, Sakura Science Program, JST, Japan• Vote of Thanks: Prof. Swadhin Behera, Secretary General, IJSSTE
11:00-11:10	Photo Session	
11:10-12:30	Meet the Institutions: by Special Guest Speakers	
	Introduction Session (5 mins each)	Prof. Hisao Ogawah , President, Kumamoto University, Japan Prof. Sali Augustine , Chancellor, Sophia University, Japan Prof. Tomonari Yashiro , President, Tokyo City University, Japan Prof. J. B. Rao , Vice Chancellor, Univ. of Hyderabad, India Prof. Yujin Yaguchi , Vice President, Univ. of Tokyo, Japan Prof. Hideo Ichihashi , Vice President, Saitama University, Japan Prof. Yasushi Ido , Vice President, Nagoya Institute of Technology, Japan Prof. M. S. Moodithaya , Vice Chancellor, NITTE University, India Prof. Joby Joseph , Provost, IIT D Abu Dhabi & IIT D, India Prof. Kenji Monde , Vice Executive Director, Hokkaido University, Japan Prof. Amalendu Chandra , IIT Kanpur, India Prof. Hiroyuki Koyama , Director, GU-GLOCAL, Gifu University, Japan Prof. C. Gurumoorthy , Dean, BIHER, Chennai, India Prof. Baiju G. Nair , HoD, Person-in-Charge for Japan, NIT, Calicut, India Dr. Mamata Singhvi , SPPU, Pune, India
12:30-12:50	Meet the sponsors	Sabinsa Group and State Bank of India , Tokyo
12:50-14:00	Networking Lunch, Poster and Project Presentations	
12:50-14:00	Parallel Brain Storming Session Delegation from India & Japan - Invited Only	
14:00-15:30	Keynote Lectures Chair: Prof. Yujin Yaguchi, University of Tokyo, Japan	
14:00-14:40	Prof. Kajita Takaaki (Nobel Laureate 2015) Univ. of Tokyo	India-Japan collaboration in cosmic ray Physics

14:40-15:20	Mr. B. V. R. Mohan Reddy (Founder Chairman & Board Member, CYIENT; Chairman & Board of Governors, IIT Hyderabad)	From Lab to Market: Building India–Japan Translational Research Ecosystems
15:20-16:00	Plenary I (Science for Society) Chair: Prof. Sali Augustine, Sophia University, Japan	
20min	Prof. Toshio Yamagata , JAMSTEC & Univ. of Tokyo, Japan	India-Japan Collaboration in Climate Research: One Practice Example
20min	Prof. Yasuyuki Ikegami , Director, Institute of Ocean Energy, Saga Univ., Japan	New Advancements in Ocean Thermal Energy Conversion: Kumejima Model for Blue Economy
16:00-16:20	Networking Coffee	
16:20-17:00	Inspiring Young Minds: High School Student Interactions with Prof. Kajita Takaaki (Nobel Laureate); Mr. B. V. R. Reddy (Founder Chairman & Board Member, CYIENT)	
16:20-16:40	Plenary I Cont. (Science for Society) Chair: Prof. Kenji Monde, Hokkaido University, Japan	
20min	Prof. Hiroaki Ogata , Kyoto University, Japan	Integrating AI and Big Data in Education: A LEAF Framework for International Evidence-Based Practices
16:40-16:50	Student opportunities in Japan	Introduction of JST LOTUS Program: Dr. Shoji Mariko , Director, Sakura Science Program HQs, Japan
16:50-17:00	Meet the sponsor	Introduction of MarConPra
17:00-17:45	Invited I (Science and Education) Chair: Prof. Hiroyuki Koyama, Gifu University, Japan	
15min	Prof. Sakairi Masatoshi , Hokkaido University	Surface Treatment and Corrosion of Metals by Electrochemical Techniques
15min	Dr. Hidonori Ohashi , Tokyo University of Agriculture and Technology, Japan	Efficient Determination of Diffusion Coefficient in Polymers via Capillary Column Inverse Gas Chromatography
15min	Dr. Mamata Singhvi , SPPU, Pune, India	Beyond Fossil Fuels: A Nanobiotech Pathway to Second-Generation Biofuels
17:45-18:05	Oral I (Science and Education) Chair: Prof. H. Ohta, Hokkaido University, Japan	
10min	Dr. Siddabasave Gowda , Faculty of Health Sciences, Hokkaido University	Lipidomic biomarkers of neurodegenerative diseases in human brain tissue
10min	Dr. Hemanth Noothalapati , Faculty of Life and Environmental Science, Shimane University	Explainable AI-assisted Raman spectroscopy for reliable diagnostics
End of First Day Sessions		
February 15, 2026		
09:30-10:30	Poster Session II - this session will continue in parallel throughout the day	
10:30-11:00	Networking Coffee	
11:00-12:00	Plenary II (Science for Society) Chair: Prof. Amalendu Chandra, IIT Kanpur, India	
20min	Prof. Takanori Tamaki , Kagoshima University, Japan	Rational design of reaction environment in electrochemical CO ₂ reduction for selective ethylene production
20min	Prof. H. Ohta , Director, RIES, Hokkaido University, Japan	Metal oxide-based thin-film transistors and thermal transistors
20min	Prof. Joby Joseph , Provost, IIT D Abu Dhabi, India; IIT Delhi	Optical microscopy beyond the diffraction limit (Optical Nanoscopy) through tSIM
12:00-13:00	Networking Lunch & Poster Session	

13:00-14:00	Plenary II Continued (Science for Society) Chair: Prof. Joby Joseph, IIT D Abu Dhabi; IIT Delhi, India	
20min	Prof. Amalendu Chandra, Bhatnagar Awardee, IIT Kanpur, India	Vibrational Spectroscopy from Molecular Simulations, Quantum Calculations, and Machine Learning Methods
20min	Prof. Hiroyuki Koyama, Director, GU-GLOCAL, Gifu University, Japan	TBA
20min	Prof. Hiroshi Hinou, Faculty for Advanced Life Science, Hokkaido University	Glycotyping: Frontier of Glycoscience
14:00-14:45	Invited II (Science and Innovations) Chair: Prof. M. S. Moodithaya, NITTE University, India	
15min	Dr. Baiju G. Nair, Asso. Professor, NIT Calicut, India	Plant-Based Biomaterials as Sustainable Bioinks for 3D Bioprinting
15min	Prof. Hidehiko Saegusa, IIT Mandi, India	Indian spirituality, quantum consciousness theory, neuroscience, and paradigm shift
15min	Prof. Madhyasta Harish Kumar, Miyazaki University	Japan-India academic cohesive programme: Miyadai model
14:45-15:35	Oral II (Emerging Science including AI) Chair: Prof. C. Gurumoorthy, BIHER, India	
10min	Dr. Athira Nandakumar, Kagoshima University	Natural High background Radiation study -Karunagappally Cohort
10min	Dr. Abhijit Shrotri, Institute for Catalysis, Hokkaido University	Catalysis for Sustainable Transformation of Biomass and Carbon Dioxide
10min	Dr. J. V. Ratnam, APL, JAMSTEC	Heatwaves and their predictability
10min	Dr. Govindaraj Yoganandan, Hokkaido University	Integrated Smart Coating and Electrochemical Systems for Carbon-Neutral and Durable Infrastructure Applications
10min	Dr. Kalpesh Patil, APL, JAMSTEC	Climate Risk Reduction Through Skillful Long-Lead and Real-Time Seasonal Predictions of ENSO and Monsoons
15:35-16:00	Networking Coffee & Poster Session	
16:00-16:30	Oral II Cont. (Emerging Science) Chair: Prof. Baiju G. Nair, NIT Calicut, India	
10min	Dr. Anusuya Pal, University of Tokyo.	Transforming a Blood Drop into a Diagnostic Marker using Physics & AI-Based Information
10min	Dr. Balu Alagar Venmathi Maran, Nagasaki University	Extraction of collagen from the Echizen kurage (Nemopilema nomurai) based on the conventional extraction method
10min	Dr. Vikas Sharma, Kyoto University	Dispersion Analysis and Guidelines for Velocity-Based Space-Time FEM in Wave Propagation Problems
16:30-17:00	Closing Ceremony	Awards and Closing Remarks



Jan 26, 2026

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Sub: Invitation as a **Special Guest Speaker** (To Introduce your Institution (7 Min) & to join brainstorming session for strategizing collaboration with Japanese Institutions: Building Bridges: Pathways to active and Sustaining Indo-Japan Academic Partnerships) and **Plenary Speaker (25 min)** to deliver scientific talk during International Conference of Frontier Areas of Science & Technology; ICFAST TOKYO 2026 seminar (<https://icfast2026.com>); India-Japan S&T Seminar organized by IJSSTE, Japan

Dear Prof. Hiroyuki Koyama,

We are very happy to invite you as a Special Guest Speaker and as Plenary Speaker during our ICFAST TOKYO 2026 seminar held at Univ. of Tokyo during Feb 14-15, 2026. IJSSTE is organizing with the collaboration and support of Embassy of India, Tokyo, Univ. of Tokyo and Indian JSPS Alumni Association (IJAA).

India-Japan Society for Science, Technology & Education (IJSSTE) (www.ijsste.org), a registered NPO in Japan dedicated to fostering collaboration in the fields of science and technology between India and Japan. We are also keen to work closely with Indian and Japanese industries to address their human resource challenges by connecting them with talented students from both countries.

Our organization is honored to have the Honorable Ambassador of India and the Honorable President of the Japan Society for the Promotion of Science (JSPS) as our patrons. Our advisory board includes esteemed leaders from various Japanese universities and Indian institutions, all focused on strengthening the ties between our two nations. IJSSTE welcomes students, researchers, scientists, and professors from India and Japan, and we currently have members spanning from Hokkaido to Okinawa, with six active chapters in Japan that promote India-Japan S&T collaborations.

Happy to inform that **Prof. Kajita Takaaki** (Nobel Laureate 2015) kindly agreed to deliver Keynote speech during our seminar. We hope many top scientists from Japan and India will join our seminar to deliver talks and we expect to have about 300 + participants to take part in our seminar.

If you kindly accept our invitation to join as Special Guest Speaker and as Plenary Speaker then please provide your recent photo to upload in our official website <https://icfast2026.com>

Expecting your positive response,

Yours sincerely,

Prof. D. Sakthi Kumar

President, IJSSTE (www.ijsste.org); Professor, Toyo University, Japan