



A CATALYST FOR INDO-U.S. SCIENCE & TECHNOLOGY COOPERATION



Indo-US Science & Technology Forum

About Us

The Indo-U.S. Science and Technology Forum (IUSSTF), established under an agreement between the Governments of India and the United States of America on March 21, 2000, is an autonomous, not for profit society that promotes and catalyzes Indo-U.S. bilateral collaborations in science, technology, engineering and biomedical research through substantive interaction among government, academia and industry.

Objectives

- **AWARENESS** through exchange and dissemination of information and opportunities in promoting bilateral scientific and technological cooperation
- **CAPITALIZE** on the scientific and technological synergy on issues of common concern leading to long term partnership on shared values
- **SUPPORT** exciting and enabling science and technology program portfolio that paves way to sustainable interactions and potential collaborations
- **NURTURE** contacts between young and mid career scientists to develop mutual trust, leadership and entrepreneurship in research and development
- **ENCOURAGE** public-private partnership and technopreneurship to foster elements of innovation and enterprise through knowledge networking between academia and industry

Management

The IUSSTF functions as

- Autonomous
- Non-Governmental
- Bilateral
- Not for profit society

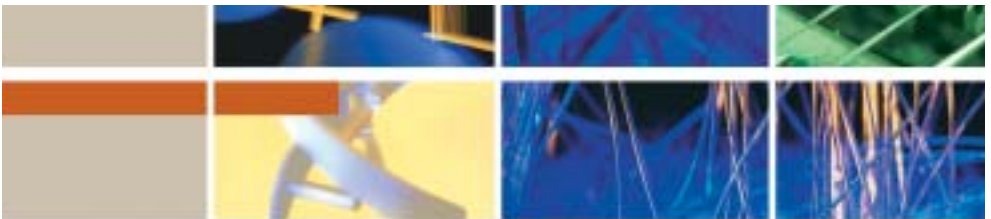
To ensure that the activities undertaken by the IUSSTF conform to the highest standards of excellence, a joint Governing Body consisting of seven Indian and seven American eminent scientists provide leadership to IUSSTF.

The Executive Director manages the IUSSTF affairs from its headquarters at the Fulbright House, New Delhi.

Funding

Annual interest earning from the endowment created by the U.S. Government with matching contribution from Government of India through the Department of Science and Technology provides regular funds to run the IUSSTF.

The IUSSTF also has the freedom to receive grants, gifts, donations or other contributions from industries, foundations and private benefactors (under section 80G of IT Act). Towards furtherance of its objectives, the IUSSTF welcomes fund contributions both in India and U.S.A.



INSTP

India Science and Technology Partnership (INSTP) is the U.S. partner of the Indo-U.S. Science & Technology Forum based at the Smithsonian Institution, Washington DC. www.instp.org

INSTP works as an outreach and representative arm of IUSSTF and complements IUSSTF activities in the United States. As a 501(c) (3) entity, INSTP also serves as the primary fund raising vehicle in U.S.A.

Program Portfolio

IUSSTF promotes Indo-U.S. Science and Technology Partnership by responding to the needs of the scientific enterprises in adopting a program portfolio largely conceived and driven by scientific communities of both nations.

- **Symposia, workshops, conferences** on topical and thematic areas of interest
- **Promoting contacts between young scientists and engineers** through the U.S. National Academies model of Frontiers of Science and Frontiers of Engineering events
- **Visiting professorships in academia**
- **Reaching out to industries** on technological opportunities through academic linkages
- **Training programs and Advanced Schools** towards human resource development
- **Public-Private Networked Centres and R & D Knowledge Networked Centres**
- **Travel Grants**



Flagship Initiatives

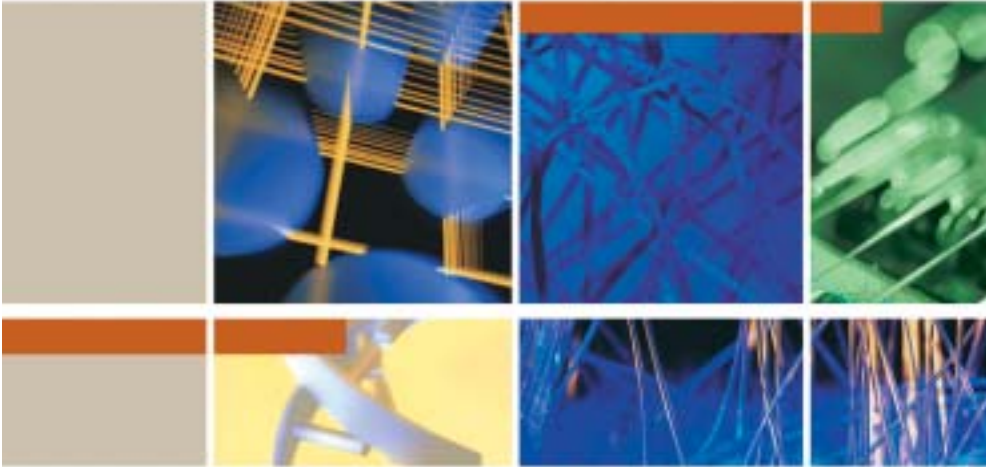
- Indo-U.S. Frontiers of Science Symposium
- Indo-U.S. Frontiers of Engineering Symposium

Special Initiatives and Public-Private Partnership

- Indo-U.S. Technology Summit in partnership with FICCI
- Indo-U.S. Nanotechnology Conclave in partnership with CII
- DST-Intel-IUSSTF Technology Entrepreneurship program
- Stanford – India Biodesign Program (SIBP)
- Health Science and Technology Initiative with MIT-Harvard University
- University of California-India Initiative on Research, Development and Delivery
- Biogeochemical Flux Monitoring Network in India (Indo Flux)
- Tropical Cyclones Tracking by Instrumented Aircraft

Perspectives of Strategic Interest

- Advanced and novel materials
- Agile manufacturing, fabrication and design
- Biomedical sciences, health & disease control, drugs & pharmaceuticals
- Brain research, neurobiology and computational neuroscience
- Climate modelling & global change, ocean-weather systems and disaster management
- Distributed energy systems, new and renewable energy technologies
- High energy physics, astrophysics and space sciences
- Human & plant genomics, proteomics, bioinformatics and agricultural biotechnology
- Information technology, cyber security, e-learning, communication and neural connectivity, telemedicine
- Nanotechnology, nanocomputing, quantum computing
- S & T for security and safety



Call for Proposals

The Forum solicits joint proposals thrice a year and awards activities for every call on the basis of peer reviews both in India and U.S.A.

Submission Deadlines

February
June
October

Award Announcements

May
September
January

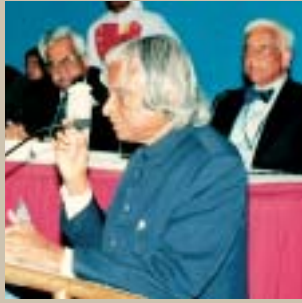
Announcements are made through our website
www.indoustf.org
and through advertisements in science journals.

Accomplishments

- New dimensions and opportunities created by enabling bilateral interaction across disciplines and organizations
- Over 5500 Indian and U.S. scientists have interacted through IUSSTF convened events
- Inter-institutional MoU's committing to sustained bilateral collaborations signed
- Vision Document on Indo-U.S. Civilian Space Cooperation chartered
- India joins U.S. led International Partnership in Hydrogen Economy (IPHE)
- India partners in the U.S. Blue Sky Regional Carbon Sequestration Program
- Distance education program in engineering launched
- Establishment of Public-Private Joint Centers promoting pre-commercial R&D
- Indo-U.S. Knowledge R&D Networked Centers established
- Joint R&D projects in topical areas emerged from bilateral workshops
- Visiting Professorships instituted in academic institutions
- Student Internship program launched
- Indo-US Research Fellowship Program embarked

"The Forum makes a valuable contribution to strengthening the bilateral U.S.-India relationship by exploring and identifying fruitful areas of cooperation through sponsoring workshops, scientist exchanges and meetings."

- Fact Sheet, U.S. Department of State, Washington D.C., July 18, 2005



Former President of India
A.P.J. Abdul Kalam speaks at a
IUSSTF convened Workshop

Governing Body Members

Indian Co-Chair

T. Ramasami, Secretary,
Department of Science and Technology,
Government of India

Indian Members

Maharaj K. Bhan, Secretary,
Department of Biotechnology

Samir K. Brahmachari, Director General
Council of Scientific and Industrial
Research; Secretary, DSIR

Sanjay G. Dhande, Director,
Indian Institute of Technology,
Kanpur

Swati Piramal, Director, Strategic
Alliances & Communications
Nicholas Piramal India Limited

R. Seshasayee,
Managing Director
Ashok Leyland India

Knight Paul Pandian, Joint Secretary
& Financial Adviser, Department of
Science and Technology

U.S. Co-Chair

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Centre for Science, Technology and
Security Policy,
American Association for the
Advancement of Science

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National Science Foundation

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U.S. Department of Energy

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International Research, National Institutes of
Health; Director, Fogarty International Center

Gretchen Kalonji, Director,
International Strategy Development,
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Suhas S. Patil,
Chairman, Digité, Inc.

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We at the IUSSTF value your interactions with us. Please feel free to contact us for any queries on how the Forum can work with you to implement your ideas to promote cutting edge Indo-U.S. Science and Technology collaborations.



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