A COMPREHENSIVE **REPORT** ON

VISIONING
WORKSHOP 2022
HIGHER EDUCATION FOUNDATION

16th & 17th June, 2022
Washing D.C, USA
Hotel Mayflower

ORGANIZED BY

HIGHER EDUCATION FOUNDATION

USA

IN ASSOCIATION WITH

MIT-WPU
|| विश्वशान्तिर्धुवं ध्रुवा ||

ASSOCIATION OF INDIAN UNIVERSITIES
भारती

UNESCO
United Nations Educational, Scientific and Cultural Organization

uni Twin
UNESCO Chair for Human Rights, Democracy and Peace Dr. Vishwanath Karad MIT World Peace University Pune, Maharashtra, India

Embassy of India
Washington, D.C., USA
सत्यमेव जयते

www.visionworkshophef.com

VISION OF THE WORKSHOP

"To catalyze the transformation of Higher Education in India through open dialogue between Indian and US academicians and educationists."

THE SEED THOUGHT

To initiate a conversation between academia and industry towards helping India realise its potential

Nothing can change overnight; however, a candid discussion between the academic stalwarts in the education sector of India and the USA can elicit solutions. MIT-WPU Pune, along with some leading private universities of India, desires to act as a catalyst for bringing together educationists who are working at higher levels in other countries and India to have a focused discussion about productive reforms for the Indian education system.

VISIONING
WORKSHOP 2022
HIGHER EDUCATION FOUNDATION

ABOUT VISIONING WORKSHOP

The Vision Workshop 2022 was purposed to act as a bridge between India and USA by enabling the cross pollination of new knowledge, ideas, and approaches of strategic nature between the most accomplished academicians in India and the US diaspora and bring together best practices to the Indian higher education landscape.

The platform facilitated interactions between the eminent academicians, scientists and thought leaders of Indian origin in the US and academic & scientific leadership of India so they could effectively work on transforming the Indian Higher Education System by drawing on the comprehensive and global network of leaders in academia, research, and industry.

FORGING NEW PATHWAYS TO NATION BUILDING

- Fostering the vision of NEP 2020 by means of global outreach to the Indian diaspora
- Facilitating alignment with the objective of the US-India Higher Education Summit held in October 2011
- Empowering India to achieve the target of GER of 25% in Higher Education as enumerated in the SDG:4 on Education
- Creating opportunities for over 2 lakh students of India to excel in their respective fields without having to leave the country
- Education is an important pillar of Indo-US Strategic Partnership. This workshop, in association with the Indian Embassy in the United States was a welcome and definitive step in furtherance of India's Education Diplomacy

2 DAYS

of rigorous workshops and roundtable discussions.

50+

attendees

Dignitaries

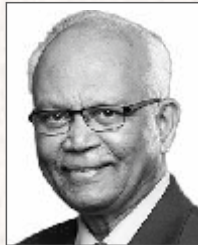*in the field of education across India and the U.S.*

Shri Rahul V. Karad, Executive President, MIT-WPU with distinguished members of the Indian Diaspora in the USA – Suresh Garimella, President, University of Vermont, Sethuraman Panchanathan, Director, National Science Foundation, Taranjit Singh Sandhu, the Ambassador from the Indian Embassy, Washington DC.

THE DIGNITARIES

The workshop was graced by many dignitaries such as

Advisory Chair, USA

R A Mashelkar
Padma Vibhushan,
Eminent Scientist

Advisory Chair, India

Suresh Garimella
President,
University of Vermont

Convener

Rahul V. Karad
Executive President,
MIT World Peace University, Pune

Member

Vijay Bhatkar
Padmavibhushan, Ex-Chancellor,
Nalanda University

Member

Shekhar C. Mande
Indian Structural
and Computational Biologist

Member

Sanjay Dhande
Padmashri, Ex-Director, IIT Kanpur,
Ex-Chairman, BoG, NITIE

Member

Taranjit Singh Sandhu
Ambassador,
Embassy of India in Washington D.C.

WORKING GROUP

Member

Vistasp M Karbhari
Immediate Past President & Professor,
University of Texas at Arlington

Member

Makarand Hastak
Professor & Head, Construction Engg. & Mgmt.,
Purdue University College of Engineering

Member

Jay Gore
Reilly Professor Dept. of Engineering,
Purdue University

Member

Ashok Joshi
Technopreneur, Investor, Philanthropist
Working Group

Member

Dhananjay Tiwary
Counsellor, Science & Technology Wing,
Embassy of India, Washington DC

Member

Anshul Sharma
Counsellor, Education & Community Affairs,
Embassy of India, Washington DC

EMINENT PARTICIPANTS

Mahesh Daas
President
Boston
Architectural College

Pradeep K. Khosla
Chancellor
University of California
San Diego

Sethuraman Panchanathan
Director
U.S. National Science
Foundation (NSF)

Satish K. Tripathi
President
University at Buffalo

Ashish Vaidya
President
Northern Kentucky
University

Rajagopal R. Echambadi
President of Illinois Institute
of Technology

C. Mauli Agrawal
Chancellor
University of
Missouri-kansas City

Jill Irvine
Chief Officer
Professional/Continuing
Education
University of Vermont

Michael Rao
President
Virginia Commonwealth
University

Venkat Reddy
Chancellor
University of Colorado
Colorado Springs

Brian Grim
President
Religious Freedom
& Business Foundation

Rajendra Srivastava
Former Dean,
Indian School of Business
(ISB)

Dr. Uday B. Desai
Founding director
Indian Institute
of Technology
Hyderabad

Dr. Valipe Ramgopal Rao
Former Director
IIT Delhi

**Dr. Krishnaswamy
Kasturirangan**
Indian Space Scientist

Dr. Rajan Saxena
Indian
Management Expert
Academic & Writer

Dr. Himanshu Rai
Director
IIM Indore

Prof. Vinita Sahay
Founder Director
IIM Bodh Gaya

**Prof. Subhasis
Chaudhuri**
Director
IIT Bombay

**Prof. Ajit Kumar
Chaturvedi**
Director
IIT Roorkee

EMINENT PARTICIPANTS

Dr. Amit Prashant
Director
IIT Gandhinagar

Praveen Nahar
Director,
National Institute
of Design (NID)
Ahmedabad, Gandhinagar
and Bengaluru

Dr. Sudhir Krishnaswamy
Vice-Chancellor
NLSIU, Bengaluru

Dr. Vandana Narang
Dean (Academics)
Professor
NIFT Delhi

Dr. Pratima Murthy
Director of
National Institute
of Mental Health
and Neurosciences
(NIMHANS) Bangalore

Prof. Virendra Kumar Tewari
Director of
IIT Kharagpur

Prof. Budaraju Srinivasa Murty
Director
Indian Institute of
Technology Hyderabad

Dr. Abhay Jere
Chief Innovation
Officer
Ministry of HRD
Govt. of India

Dr. Anil Sahasrabudhe
Chairman
Empowered Basic
Science Research (BSR)
Committee, UGC

Bhushan Patwardhan
Professor, Health Sciences
Biomedical Scientist
Ethnopharmacologist

Pankaj Chandra
Indian Educationist,
Author and Academic

Shekhar C. Mande
Indian Structural
and Computational
Biologist

Prof. Simrit Kaur
Visiting Professor
University of
Social Sciences and
Humanities

Shalini Bharat
Institute's
'Saksham' Program

Nitesh V. Chawla
Frank M. Freimann Professor
Computer Science
and Engineering
University of Notre Dame

Prof. Trilochan Sastry
Former Dean (Academics)
Indian Institute of
Management, Bangalore

HIGHLIGHTS OF SPEECHES BY DIGNITARIES

"There is hope and opportunity amongst this group for collaboration and progress. The differences between the US context and the Indian context serve as a way of opening conversations about connections; 100s of millions can be up-skilled and get access to education."

- President Garimella

"It is time for the Indian academic diaspora in the US to start discussions about progress. US institutions allow students to flourish and grow and their research is strong. We must now look at governance of the institutions back in India and understand the policy issues. "

- Executive President Rahul Karad

"The knowledge space has limitless potential in the Indo-US partnership. President Biden and Honourable PM Modi have made efforts to develop government partnerships and emphasise higher education opportunities that connect the two countries. Indian talent, U.S. technologies and cutting-edge research can be synergised for great outcomes."

- Ambassador Sandhu

TOPICS ADDRESSED

- *Transformation of higher education in India by learning from U.S. best practices.*

- *Encouragement of an intense and ongoing interaction between the eminent academicians abroad and the ones in India.*

- *Facilitation of transfer of knowledge and partnerships between globally leading institutions in the U.S. and in India.*

- *Establishimemt of a forum for identifying opportunities for qualitative growth of both, Indian and U.S. institutions, jointly.*

INTRODUCTION SPEECH:
SURESH GARIMELLA,
PRESIDENT, UNIVERSITY OF VERMONT

- Expressed that there is hope and opportunity among the group for collaboration and progress

- Differences between the US context and Indian context as a way of opening conversation about connections; 100s of millions to be upskilled/get access to education

- Currently, quality is uneven and variable across India, and funding structures are different between the two countries: Indian research support primarily govt, US has a much more robust corporate partnership.

- Keep all this in mind as we think about how to partner – it requires innovation and commitment.

- NEP represents massive advance – 50% of HS students move to highered, differentiation teaching and research

- Asks: is a land-grant-like mission for Indian U's? The vision of service in research, teaching, and greater government and corporate investment.

- Corporate partnerships – modify and diversify funding sources, and provide alternative motivations for research.

- We must remain cognizant of scale. – truly effective deployment of distance ed: Leapfrog opportunity for India

KEYNOTE SPEECH:
HONOURABLE TARANJIT SANDHU,
AMBASSADOR, EMBASSY OF INDIA IN WASHINGTON DC

- Knowledge space has limitless potential in Indo-US partnership

- Pointed out efforts of President Biden and Honourable PM Modi to develop government partnership and emphasized highered opportunity that connects

- The world faces multiple challenges: health care, climate change, supply chain issues, cyber threats

- Unique synergies for India and US – Indian talent, US technologies, cutting-edge research in Clean and renewable energy, health care, AI, quantum mechanics etc.

- The ambassador promised the availability and support of the embassy for the project and great encouragement for innovation and new ways of building synergistic partnerships.

PANEL DISCUSSION 1:
INNOVATIVE PARTNERSHIPS

MODERATOR: SATISH TRIPATHI (U BUFFALO)

PANELISTS: MAULI AGRAWAL (UKMC), SHALINI BHARAT (TISS), AJIT CHATURVEDI (IITR), ASHISH VAIDYA (NKU)

- "Opportunity of the Moment" - The online mode serves as a powerful complement to in-person interactions. The best solutions and partnerships should be extracted from this scenario.

- In establishing partnerships, a clear vision and a defined goal should be decided so that conducive efforts are made towards the results based on shared priorities and values.

- The standards for success should be measurable so that the decisions regarding any initiative are taken based on tangible evidence.

PANEL DISCUSSION 2: ENTREPRENEURSHIP & COMMERCIALISATION

MODERATOR: HIMANSHU RAI (IIMI)

PANELISTS: RAJITHA KULKARNI (SSRSU), PANKAJ MITAL (AIU), MICHAEL RAO (VCU), VENKAT REDDY (UCCS)

- An institutional environment should be fostered where entrepreneurship and commercialisation are topics that are frequently thought about, discussed and worked upon.

- Such an environment can be created by making sure that entrepreneurship is embedded into the minds of students by the culture that is established as well as via academics. Apart from this, these ideas can be included in the coursework and the students from different disciplines can be brought together for extra curricular activities so that success becomes a two way street.

- Even the faculty should be nurtured in these extremely relevant and ever growing fields. Lastly, there should be strong connections built with successful entrepreneurs who bring in relevant experience and are eager for such interactions.

PANEL DISCUSSION 3: RESEARCH ECOSYSTEM

MODERATOR: PRADIP KHOSLA (UCSD)

PANELISTS: SUBHASIS CHAUDHARI (IITB), VISTASP KARBHARI (UTA), BHUSHAN PATWARDHAN (NAAC)

- There should be a system put in place to ensure that the right tools are used for long term solutions within the research ecosystem. These could range from exchange of post docs to potential research clusters formed around specific topics across institutions to identify and develop research proposals.

- Any kind of research done should be with the focus on creating an impact. A global perspective and mindset should be chosen while deciding the topics. These topics must be relevant and in sync with the times so that serve intense and long term benefits

- Such an environment should be cultivated that encourages commercialization, values business partners, and lowers obstacles to academic research achievement. This will aid in ensuring that administrators play an essential role in building the research ecosystem.

PANEL DISCUSSION 4:
PEDAGOGICAL INNOVATIONS IN HIGHER EDUCATION

MODERATOR: KK AGARWAL (NBA)

PANELISTS: PANKAJ CHANDRA (AU), MAHESH DAAS (BAC), RAJ ECHAMBADI (IIT), PRAVEEN NAHAR (NID)

- Education that is focused towards outcomes should be a key priority. Scale, access and quality are factors that must be kept in mind and should be measurable.

- Any kind of research done should be with the focus on creating an impact. A global perspective and mindset should be chosen while deciding the topics. These topics must be relevant and in sync with the times so that serve intense and long term benefits

- Education is interpersonal, but it must grow in such a way that it allows a large number of students to keep upgrading their skills and learning new skills at the same time so that their educational experiences are bettered in the times to come. The participants prioritised experiential learning in various forms, including work.

KEY MOMENTS

Shri Rahul Karad with eminent dignitaries at the Visioning Workshop, 2022

KEY MOMENTS

The distinguished members of the Visioning Workshop Working Committee

KEY MOMENTS

Dignitaries from the top Indian and International institutions being felicitated by Shri. Rahul Karad

KEY MOMENTS

Illustrious members of the Visioning Workshop at Hotel Mayflower, Washington D.C., USA

TAKEAWAYS

India's education diplomacy.

Education is an important pillar of Indo-US Strategic Partnership. The platform of Higher Education Summit ill be a definitive step in furtherance of India's Education Diplomacy.

Catalyze discussions

It will catalyze discussions among global academic leaders, members of Indian Diaspora and policy makers in India, on the future of higher education in India.

Facilitate knowledge transfer

It will facilitate knowledge transfer and partnerships for mutual benefit between globally leading institutions and the ones in India.

Developing mechanism for contribution

It will also pave the way for developing mechanisms for the Indian Diaspora to contribute to the excellence of Higher Education in India.

MEDIA COVERAGE

FINANCIAL EXPRESS
Read to Lead

Higher Education Foundation to create a platform to bring together higher educators and researchers

Vermont News

Collaboration to transform higher education in India takes shape with Visioning Workshop 2022 in Washington

India EducationDiary.com

Collaboration To Transform Higher Education In India Takes Shape With Visioning Workshop 2022 In Washington

NP News PATROLLING

COLLABORATION TO TRANSFORM HIGHER EDUCATION IN INDIA TAKES SHAPE WITH VISIONING WORKSHOP 2022 IN WASHINGTON

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