

VAIBHAV

Vaishwik Bharatiya Vaigyanik Summit

GLOBAL SUMMIT OF OVERSEAS AND RESIDENT INDIAN
SCIENTISTS AND ACADEMICIANS - OCT-NOV 2020



शुद्धा हि बुद्धिः किलकामधेनुः ॥



PRELUDE

श्रियः प्रसूते विपदः रुणद्धि, यशांसि दुग्धे मलिनं प्रमार्ष्टि ।
संस्कार सौधेन परं पुनीते, शुद्धा हि बुद्धिः किलकामधेनुः ॥

History stands testimony to India being the fulcrum of advancement of knowledge through global intellectual ideation. India achieved all round excellence in the study of Science, Philosophy, Medicine, Astronomy and Arts, having attracted scholars from across the globe to its educational hubs at Nalanda and Taxila. Even the temple towns such as Varanasi and Ujjain were epicenters of intellectual stimulation.

Since time immemorial, Indian Acharyas, Gurus and Pundits have been revered and respected for their immense knowledge. Today, we are witness to the outstanding contributions being made by Indian Diaspora in the arena of global academics and research. Scientists and academicians of Indian origin have carved out a position of preeminence across the world's top global academic and research institutions. Our global Indian scientific fraternity is a shining example of India's contribution to the world at large.

Government of India has always recognized the emotional connect of 'Pravasi Bharatiya' towards their roots and has implemented various initiatives to support the warmth of these bonds. This emotional connect can be instrumental in fostering the nation's growth and development objectives, especially in the fields of science, education, research and entrepreneurship.



MOTIVATION



**AATMA-NIRBHAR
BHARAT**

'Aatmanirbhar Bharat Abhiyaan' is the driving mantra for achieving sustainable and unfettered growth of the nation. As the new education policy is being promulgated, this is an appropriate moment to collaborate and ideate with Indian Diaspora to energize and widen the horizon of Indian academics and research.

More than 5500 academicians of Indian origin are there in top 500 Global Education Institutions and about 600 are working in the professional R&D institutes. Many of them are at key deciding roles of knowledge development for betterment of human life.

Accomplished academicians and researchers from the community of Indian Diaspora, have on one hand a global experience and on the other have an emotional connect with their roots. They can play a pivotal role in making the nation self-reliant. Active collaboration and research among Indian origin academicians and scientists working in renowned global universities and researchers working in premier Indian research and academic institutes can accelerate India's quest to excel in critical areas of science, technology, engineering, medicine, environment, social sciences and management.

THE INITIATIVE

Multiple emerging challenges in today's global ecosystem are in urgent need of attention. Global challenges such as climate change, health issues and sustainable energy resources have a special connotation in the Indian perspective and require immediate considerations. 'Ideation through Virtual Associations', 'Complementary Research' and 'Collaborative Development' are emergent phenomena of this decade. 'Interdisciplinary Innovations' and 'Extensions of Research' for development drive rapid turnaround of solutions to common issues confronting the world. Collaboration is the new driver of Innovation!

A framework for systematic and objective driven collaboration between international academia with Indian roots and our own national luminaries will pave the way for country's advancement in academics and scientific research. There exist numerous initiatives and policies instituted by Government of India to partner with Indian talent working overseas. It is time to evolve new ideas and bridge the varied experiences and proficiency of diverse academic cultures to push forward the cause of India.

Collaborative avenues will have a symbiotic bearing whereby Indian Diaspora will be able to connect with their roots, and Indian culture can imbibe the best practices from the global experiences in academics and research.



ABOUT THE SUMMIT

Vaishwik Bharatiya Vaigyanik (VAIBHAV) Summit is a collaborative initiative by all S&T and Academic Organisations of India to enable deliberations on thought process, practices and R&D culture with a problem-solving approach for well defined objectives. The VAIBHAV initiative aims to bring out the comprehensive roadmap to leverage the expertise and knowledge of global Indian researcher for solving emerging challenges. By bringing the Indian Overseas and Resident academicians/scientists together, a structure of association will be evolved. The aim of summit is to reflect in-depth on the collaboration and cooperation instruments with academia and scientists in India. The goal is to create an ecosystem of Knowledge and Innovation in the country through global outreach.

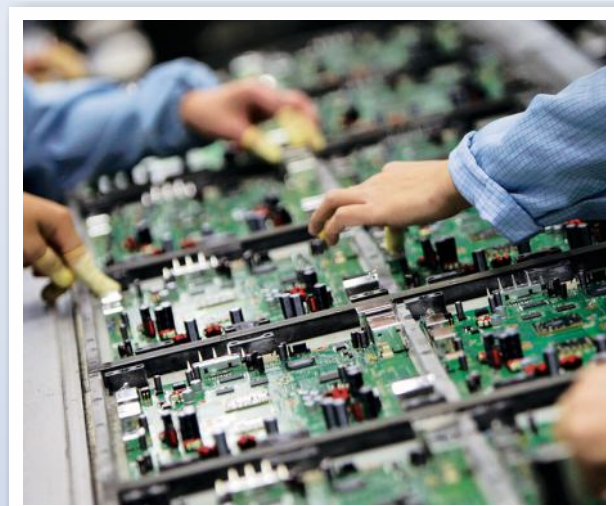
Innovation culture acts as a catalyst to remain contemporary in product development by creating a vibrant ecosystem. To boost the innovation ecosystem in India, Vaibhav will add a new dimension to Atal Innovation Mission. Summit aims to give an impetus to the objectives of Atal Innovation Mission by leveraging the collaborative experience and deep expertise of International and Indian subject experts. Vaibhav summit seeks active support and ideation from Indian Diaspora for developing skills of Indian aspirants in alignment with the New Educational Policy.

The summit will be inaugurated by Hon'ble Prime Minister on 2nd October 2020 in the virtual presence of registered academia and researchers from across the world. This will be followed by month-long formal deliberation sessions starting from 3rd October to 25th October 2020 among researchers through webinar mode. Concluding session is planned on first week of November 2020. The Summit aims to bring out mechanisms of advancements in education, research and entrepreneurship in India as an essential element of its overall sustainable development.



CONTOURS OF THE SUMMIT

- Re-establishing the Vedic concept of Vishwavidyalaya as a global university
- Enhance domestic institutional R&D capacities by amalgamating global knowledge and expertise of people of Indian origin
- To evolve institutional mechanisms for creating a synergy between academicians/scientists from Indian Diaspora and their counterparts in India
- Identify niche areas of research for economically viable concerted outcomes to re-invent India as a global research destination



DELIBERATIONS

VAIBHAV Summit is focused on several important identified verticals of relevance to the Nation's growth like advanced technologies of Artificial Intelligence/Machine Learning and data sciences etc, manufacturing, materials, environmental and earth sciences, health and medical, management and other topics of social relevance in today's context. The brainstorming of experts by means of panel discussions will take place on the key horizontal of each vertical to carve a path for future collaboration in the areas of interest.

VERTICALS OF VAIBHAV SUMMIT

-  Quantum Technologies
-  Artificial Intelligence and Machine Learning
-  Electronics and Semiconductor Technologies
-  Communication Technologies
-  Computational Sciences
-  Data Sciences
-  Photonics
-  Aerospace Technologies
-  Materials and Processing Technologies
-  Energy
-  Environmental Sciences
-  Advanced Manufacturing Technologies
-  Earth Sciences
-  Health and Medical Sciences
-  Pharmaceuticals and Biotechnology
-  Agro Economy and Food Security
-  Social Sciences++
-  Management



This is a joint effort of all S&T and Academic Organisations of India.
For details, please visit <https://innovate.mygov.in/vaibhav-summit/>