

**First Workshop on
Indian Science & Technology Entrepreneurship Partnership (ISTEP)**

24-25 February, 2017 CSIR-NISTADS, New Delhi

Background: It is generally accepted that Science and Technology can be the major drivers of innovations and enterprise of our times. In particular, a systematic and focused effort to utilize S&T in enterprise holds the promise of revolutionizing the country's economic and industrial landscape. However, this potential of S&T driven enterprise has not yet been fully realized in India. The first step towards such a realization is to identify the key characteristics of an S&T driven enterprise. The first meeting on ISTEP will focus on the characterization of S&T driven enterprise and develop a roadmap for realizing ISTEP.

Approach: While an enterprise automatically includes innovation, the reverse is not true. ISTEP will move beyond innovation by integrating innovations into products for value addition and cost-competitiveness. ISTEP will complement traditional discipline driven research with S&T synergies with enterprise goals.

Plan of the Workshop: The primary goal of the Workshop will be to identify enterprise goals based on compelling necessities that can significantly value-add national aspirations and provide global leadership. The meeting will examine and explore major thematic areas to make a successful ISTEP. The first session will highlight these thematic areas and bring out critical issues. In the second (parallel) session, groups will discuss each thematic area in detail to develop working models. The third (day 2) sessions will synthesize the inputs from the six groups to arrive at an integrated ISTEP plan. The third day (panel discussion) will create a comprehensive set of recommendations; a draft Agenda is attached.

Participants: Realization of ISTEP will require sustained, significant and synergetic efforts systematically involving thought leaders, established researchers and young researchers. Accordingly, the meeting will include all the three tiers from industry and academia to develop strategies and roadmap for ISTEP:

- Thought Leaders
- Policy Makers
- Subject Experts including Finance and Management
- Industry Leaders
- Young Researchers

In addition to the invited speakers, a few contributed presentations will be included through open call.

Organization of the Workshop: The event will be jointly organized by CSIR NISTADS, Delhi and NIAS, Bangalore. A Scientific Organizing Committee will design the Agenda and identify the invited speakers.

Output: The main output will be a document containing the frameworks, recommendations and roadmap for implementation of ISTEP. In addition, a Pilot Project will be considered for a Proof-of-Concept.

Outcome: The primary outcome of the meeting will be the first step towards design and implementation of ISTEP. Another important outcome would be an ISTEP Working Group for sustained follow up.

Follow Up: The first Workshop will be followed up with subsequent events as recommended. A Pilot Project will be developed to create a Proof-of-Concept

For Submission to the Workshop

Key Dates

- Deadline for submission of extended abstracts January 31, 2017
- Communication of acceptance of abstracts February 10, 2017

Format of Extended Abstract: Extended abstract (of around 1500 words) should be submitted outlining the main research questions and their relevance to ISTEP. Extended Abstract should be under following sub-heads (a) Purpose (b) Design/Methodology/Approach (c) Findings (d) Implications (e) Originality/Value (f) Keywords (maximum 5).

The work submitted should not have been published earlier in any form.

All submissions and communications should be sent through email at istipworkshop2016@gmail.com. Subsequent notifications and other details will be posted in this site.

Tentative Agenda

Day 1: 24th February, 2017

Sessions

I: Inaugural Session (10:00-13:00)

10:00-10:30: Inaugural Addresses

10:30-11:00: Break

II Initiation Session (11:00-13:00)

11:00-11:30: ISTEP: Vision, Structure and Positioning

11: 30- 12:20: ISTEP: Socio-Philosophical Aspects (Aspirations, Basic Approach, etc.)

12:20: 13:00: ISTEP: Enterprise Strategy (Product Identification, Market, STI Challenge, Etc.)

13:00-14:00: Break

III Parallel Sessions (4): 14:00-17:30

STI Challenges and strategy (Challenges, Feasibility, Requirements etc.)

15:00-16:00: Break

ISTEP: Financial Structure and Management (Investment models, accounting etc.)

ISTEP: Project/Programme Management (Design, integration, delivery, etc.)

ISTEP: Techno-Legal Framework (IPR, Patenting, Licensing etc.)

Day 2: 25th February, 2017

Session IV: 9:30-13:00: Formulation of Potential ISTEP Projects and Policy Framework

Sessions V: Convergence Session (14:00-15:00)

Identification Broad S&T Priority Areas for ISTEP: Group Presentations

15:00-15:30: Break

Sessions VI: Synthesis Session (15:30-17:00)

Implementation Framework

Panel Discussion on Roadmap

Sessions VII: Concluding Session (17:00-17:30): Summary and drafting of Recommendations