

RIS-ITEC COURSE ON SCIENCE DIPLOMACY

9 -20 January 2017
RIS, New Delhi, India



Participants of RIS-ITEC Course on SSC from 15-25 November 2016 with RIS Faculty



RIS
Research and Information System
for Developing Countries

विकासशील देशों की अनुसंधान एवं सूचना प्रणाली

ABOUT THE COURSE



RIS has been conducting three capacity building programmes, under the ITEC Programme of the Ministry of External Affairs, Government of India, for the participants from developing countries with a view to promote enhanced understanding on challenges and opportunities associated with the issues, and, trends in socio-economic development and South-South Cooperation. This Course is designed to expose the participants to theory and practice of Science Diplomacy and how developing

nations can use and benefit from Science Diplomacy. Given the growing importance of science, technology and innovation in national development, Science Diplomacy is becoming an important factor in foreign relations and development co-operation.

This Course is meant for government officials, diplomats, academicians, researchers and journalists from the developing and transition economies, dealing with international economic and developmental policy issues and/or science, technology and innovation issues. This course will be held at RIS, New Delhi, India.

COURSE CONTENTS AND THEMES

This 2-week course is designed for participants interested in issues related to Science, and Technology (S&T) and innovation, S&T and international affairs, and S&T and South-South Co-operation. The course will enable them to understand the role of Science Diplomacy in foreign policy and strategy, use and benefit from Science Diplomacy and help in leveraging the S&T capacity in the respective countries in engagement with other countries, regional and multi-lateral institutions and global organizations including UN and other funding agencies.



The course includes lectures, case studies, self study and group discussions and field visits. Back ground materials and resources for reading and learning will be provided to all participants by RIS.

THEME I: Modalities of Science Diplomacy at Bilateral, Regional and Multilateral Levels

There are various engagements between the countries at the levels of bilateral, regional and multilateral on various issues related to science, technology and innovation (STI). It is important to assess the significance of science diplomacy in these levels of engagement for leveraging mutual gains. Science diplomacy has a significant role to play in the conception and implementation of the various agreements and protocols. The sub-themes within this would be:

- Institutional Framework and Role of Science Diplomacy: What role could Science Diplomacy play in improving international institutional framework?
- International Agreements and Protocols: How could Science Diplomacy help in putting forth national stand in various international agreements and protocols related to STI issues?
- International STI Issues and Science Diplomacy: Science Diplomacy and its Linkages with Innovation Systems: How is Science Diplomacy linked to the national and international innovation systems?

THEME II: STI and Developmental Challenges: Role of Science Diplomacy

Today we witness a whole range of developmental challenges in our societies; be it in the domain of healthcare, food security, biodiversity, climate change etc. STI has a huge role to play in addressing them. This theme would precisely cater to the important role of science diplomacy in addressing many of these developmental challenges. The sub-themes covered within this would be:

- Science Diplomacy and SDGs: How Science Diplomacy can play a major role in achieving SDGs?
- Sector-Specific Challenges and Science Diplomacy: How could Science Diplomacy address challenges that are related to sectors such as healthcare, agriculture, biodiversity and climate change?
- Technology Facilitation Mechanism (TFM): What role could Science Diplomacy play in structuring the idea of TFM?



THEME III: Trade, Investment and Technology: Role of Science Diplomacy

There are major issues in the areas of technology trade, investment, transfer and accessibility. The lack of standardization, harmonization coupled with technical and non-technical barriers often retards ease of trade and transfer of technology. Issues related to IPRs, heavy pricing affect the accessibility of technologies to majority of people. This theme would attempt to capture all these and explore the role of science diplomacy in dealing with them. The sub-themes covered within this would be:

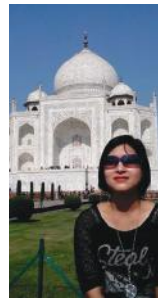
- Technology Trade and Investment: How could Science Diplomacy help in addressing challenges that effect technology trade and investment such as standardization, harmonization and regulation?
- Technology Transfer and Accessibility: What role can Science Diplomacy play in enabling smooth transfer of technology and ensure its wider accessibility in the era of IPR?
- FDI in Technology: How could Science Diplomacy help in boosting FDI in technology-related sectors?
- Promotion of Private Sector: What role can Science Diplomacy play in promotion of private sector?

THEME IV: South-South Cooperation and Science Diplomacy

There is huge scope in South-South Cooperation (SSC) in various STI sectors such as health, agriculture, biodiversity, climate change etc. This theme would encompass the role of science diplomacy in ensuring effective South-South Cooperation in STI by highlighting successful cases. The sub-themes would include the following:

South-South Cooperation in STI, Capacity Building and Indian Science Diplomacy: What role did the Indian Science Diplomacy play in promoting south-south cooperation in STI such as capacity building?

Emerging Areas of Cooperation within South and Science Diplomacy: How can Science Diplomacy strengthen the South-South Cooperation in emerging areas and challenges?



TENTATIVE SCHEDULE

Date/Theme	Time	Programme/Lecture
Sunday, 8 January 2017		Arrival of Participants
Monday, 9 January 2017 Introduction to the Course	9.30-10.30	Orientation Session
	10.30-11.30	Inaugural Address by Prof. Baldev Raj, Director, NIAS
	11.30-13.00	Science Diplomacy: Rationale, Concept and Contours
	13.00-14.00	<i>Lunch</i>
	14.00-15.00	Logistical Details
Modalities of Science Diplomacy at Bilateral, Regional and Multilateral Levels	15.00-16.30	Bilateral, Regional and Multilateral Institutional Framework and Science Diplomacy
	16.30-17.00	<i>Tea/Coffee</i>
	17.00-17.30	Group Discussion
Tuesday, 10 January 2017 Modalities of Science Diplomacy at Bilateral, Regional and Multilateral Levels	09.30-11.00	National Innovation System and Science Diplomacy
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	International Innovation System, Role of Global Research Organizations and Science Diplomacy
	13.00-14.00	<i>Lunch</i>
	14.00-16.00	Role of UN Agencies and Science Diplomacy
	16.00-16.30	<i>Tea/Coffee</i>
	16.30-17.30	Group Discussion
Wednesday, 11 January 2017 STI and Developmental Challenges	09.30-11.00	Science Diplomacy and SDGs
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	Sectoral Focus: Health
	13.00-14.00	<i>Lunch</i>
	14.00-16.00	Sectoral Focus: Agriculture
	16.00-16.30	<i>Tea/Coffee</i>
	16.30-17.30	Group Discussion
Thursday, 12 January 2017 STI and Developmental Challenges	09.30-11.00	Science Diplomacy and Biodiversity
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	Science Diplomacy and Climate Change
	13.00-14.00	<i>Lunch</i>
	14.00-16.00	Idea of TFM
	16.00-16.30	<i>Tea/Coffee</i>
	16.30-17.30	Group Discussion

Friday, 13 January 2017 Field Trip	10.00-17.00	Field Visit to <ul style="list-style-type: none"> • International Solar Alliance • UNESCO Biotechnology Cluster
Saturday, Sunday 14-15 January 2017		<i>Weekend Off</i>
Monday, 16 January 2017 Trade, Investment and Technology	09.30-11.00	Trade and Investment in Technology-Products: Challenges and Role of Science Diplomacy
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	FDI in Technology and Science Diplomacy
	13.00-14.00	<i>Lunch</i>
	14.00-16.00	Role of Science Diplomacy in Technology Transfer
	16.30-17.30	Group Discussion
Tuesday, 17 January 2017 Trade, Investment and Technology	09.30-11.00	WTO, TRIPS and Science Diplomacy
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	Role of Science Diplomacy in Promotion of Private Sector with focus on SMEs
	13.00-14.00	<i>Lunch</i>
	14.00-17.30	Field Visit to NARS Complex
Wednesday, 18 January 2017 South-South Cooperation and Science Diplomacy	09.30-11.00	Indian Science Diplomacy: Salient Features
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	South-South and North-South Discourse in STI
	13.00-14.00	<i>Lunch</i>
	14.00-17.30	Field Visit to ICGEB
Thursday, 19 January 2017 South-South Cooperation and Science Diplomacy	09.30-11.00	Role of Science Diplomacy in Capacity-Building in South
	11.00-11.30	<i>Tea/Coffee</i>
	11.30-13.00	Strengthening SSC using Science Diplomacy
	13.00-14.00	<i>Lunch</i>
	14.00-17.30	Written Assignment and Assessment
Friday, 20 January 2017 End of the Course	10.00-13.00	Valedictory Address, Certificate Distribution and Group Photo
	13.00-14.00	<i>Lunch</i>
	19.00-23.00	Farewell Dinner

FACULTY

The Faculty for this course will be from RIS, National Institute of Advanced Studies (NIAS), Bangalore, institutions such as Jawaharlal Nehru University (JNU), South Asian University, TERI, international organizations (CABI, UNESCO), and, experts in science diplomacy, diplomats/officials with experience in multilateral negotiations related to S&T , and experts from departments/agencies of Government of India will also be faculty for the Course.

The core Faculty from RIS will include, Prof. Sachin Chaturvedi, Prof. S.K. Mohanty, Prof. T.C.James, Dr. T. P. Rajendran, Dr. K.Ravi Srinivas, Dr. Sabasachi Saha and Dr.Amit Kumar.

DURATION

The Course would be held from **9 January 2017** to **20 January 2017**. Participants are expected to arrive in New Delhi by **8 January 2017**.

ELIGIBILITY

- Graduation and above with working knowledge of English language.
- The course is open to government officials, diplomats, academicians, researchers and journalists from the developing and transition economies, dealing with international economic and developmental policy issues and/or science, technology and innovation issues, particularly science counselors or attaches dealing with science and technology.
- Experience with diplomatic assignments related to S&T/ Experience with South-South Cooperation (SSC)/North-South Cooperation (NSC) is desirable but not a must for prospective participants.

ALLOWANCES

The Programme covers return travel of the participants between his/her home country and India, accommodation, living allowance, book allowance etc., as per the rules governing ITEC/ SCAAP Programme of the Ministry of External Affairs, Government of India. Further details can be viewed from the ITEC website: **www.itec.mea.gov.in**

APPLICATION

Interested candidates should apply on a prescribed form to the Indian Missions in their home countries, together with a detailed Curriculum Vitae and a brief proposal on how this course could be useful for their work. Application Form can be downloaded from the ITEC website of the Ministry of External Affairs, Government of India :

<http://www.itec.mea.gov.in/?pdf1325?000>

Last date for submission of Application Form to Indian Missions: 31 December 2016

COURSE DIRECTOR

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RIS

A Think-Tank of Developing Countries

Research and Information System for Developing Countries (RIS) is a New Delhi-based autonomous policy research institute that specialises in issues related to international economic development, trade, investment and technology. RIS is envisioned as a forum for fostering effective policy dialogue and capacity-building among developing countries on global and regional economic issues.

The focus of the work programme of RIS is to promote South-South Cooperation and collaborate with developing countries in multilateral negotiations in various forums. RIS is engaged across inter-governmental processes of several regional economic cooperation initiatives. Through its intensive network of think tanks, RIS seeks to strengthen policy coherence on international economic issues and the development partnership canvas.

For more information about RIS and its work programme, please visit its website: www.ris.org.in



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