



RIS Diary

— Research shaping the development agenda

AIIB Lead-up Events and Host Country Seminars



Shri Piyush Goyal, Hon'ble Finance Minister launching the RIS Report "New Quest for Mobilising Financing for Infrastructure". (From left): Shri Sushil Kumar Modi, Hon'ble Deputy Chief Minister of Bihar; Shri Devendra Fadnavis, Hon'ble Chief Minister of Maharashtra; Shri Trivendra Singh Rawat, Hon'ble Chief Minister of Uttarakhand; and Prof. Sachin Chaturvedi, Director General, RIS.

This quarter culminated with the RIS work programme on the Asian Infrastructure Investment Bank (AIIB) Annual Meeting. Seven leading events at seven different places in the country were organized by RIS on the following themes: Enhancing Port and Coastal Infrastructure: A Primer on Potential Areas (3-4 April 2018 at Vishakhapatnam); Urban Development: Technological Solutions and Governance Challenges (19-20 April 2018 at Ahmedabad); Futuristic, Resilient and Digital Infrastructure (3-4 May 2018 at Bengaluru); Physical and Social Infrastructure for Regional Development (14-15 May 2018, Guwahati); Clean and Renewable Energy (21 May 2018 at Bhopal); Water and Sanitation (31 May and

1 June 2018 at Pune); and Private Sector Participation and Innovation in Resource Mobilization (11 June 2018 at Mumbai). Eminent experts contributed immensely in in-depth background paper on respective themes of the lead-up events.

All lead-up events fructified in holding of Host Country Seminars on the following areas – Infrastructure Financing: Exploring Innovative Ways and Partnerships on 24 June 2018; Forging Collaboration and Partnerships: Evolving



Shri Hardeep Singh Puri, Hon'ble Minister of State (Independent Charge), Ministry of Housing and Urban Affairs, Government of India speaking at the AIIB host country seminar on Building Resilient and Quality Infrastructure.



From left: Ms Laurel Ostfield, Head of Communications, AIIB; Mr. Seshadri Chari, Member, Governing Council, RIS; Prof Jagdish Mukhi, Hon'ble Governor of Assam; Mr P. D. Sona, Hon'ble Parliamentary Secretary (Tourism), Govt. of Arunachal Pradesh; Mr Ravi Capoor, Additional Chief Secretary, Department of Industries and Commerce, Govt. of Assam; and Prof. Amitabh Kundu, Distinguished Fellow, RIS at the inaugural session of the lead-up event on Physical and Social Infrastructure for Regional Development held at Guwahati on 14-15 May 2018.

Strategies and Collective Actions and Financing Infrastructure: Mobilizing Resources and Exploring New Instruments ; Panel Discussion with Chief Ministers on Vision of Infrastructure Development in India on 25 June 2018; Embedding Innovation in Institutions, Technology and Modalities and Building Resilient and Quality Infrastructure on 26 June 2018. RIS has published a comprehensive report on the outcomes of the lead-up events.

The Report entitled 'New Quest for Mobilising Financing for Infrastructure' was launched by Shri Piyush Goyal, Hon'ble Minister of Finance at Mumbai on 25 June 2018 during the third Annual Meeting of the AIIB. Shri Devendra Fadnavis, Hon'ble Chief Minister of Maharashtra ; Shri



Mr Narayan Singh Kushwaha, Hon'ble Minister of New & Renewable Energy, Govt. of Madhya Pradesh addressing at the lead-up event on Clean and Renewable Energy held at Bhopal on 21 May 2018.



Mr Parameswaran Iyer, Secretary, Ministry of Drinking Water and Sanitation, Govt. of India addressing at the lead-up event on Water and Sanitation held at Pune on 31 May and 1 June 2018.

Trivendra Singh Rawat, Hon'ble Chief Minister of Uttarakhand; Shri Sushil Kumar Modi, Hon'ble Deputy Chief Minister of Bihar; Shri P. Radhakrishnan, Hon'ble Minister of State for Finance, Govt. of India also graced the

occasion. The Report has chalked out a number of policy recommendations which would be found useful by all stakeholders.

The agenda of all lead-up events and host-country seminars are available on RIS website.

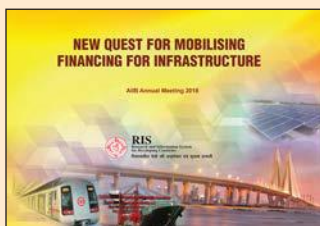


Mr Kailash Kumar Aggarwal, Joint Secretary (SAGARMALA), Ministry of Shipping, Govt. of India addressing the lead-up event on Enhancing Port and Coastal Infrastructure A Primer on Potential Areas held at Visakhapatnam on 3-4 April 2018.



From left : Mr Raghava Neti, Senior Water and Sanitation Specialist; The World Bank, Professor M.G. Chandrakanth, Director, Institute for Social and Economic Change; Amb. S.T. Devare, Chairman, Research Advisory Council, RIS; Ms Jingmin Huang, Principal Urban Development Specialist, Urban Development and Water Division, ADB; and Ms Namita Vikas, Group President & Global Head- Climate Strategy & Responsible Banking, Yes Bank at the lead-up event on Water and Sanitation held at Pune on 31 May and 1 June 2018.

RIS Engagement with 3rd AIIB Annual Meeting



With strong political leadership under Prime Minister Shri Narendra Modi, India is surging on a sustained path of economic growth and transformation. India is imminently poised to be one of the largest economies. Expanding horizons of economic development are critically dependent on robust funding of infrastructure at multiple levels spanning various sectors. Integrated infrastructure development would cater to interconnected needs of industrial revival and sustainable development. Emerging priorities of inclusive development would be anchored in partnerships and collaborations, innovative financing, entrepreneurship, and robust legal and institutional frameworks. Renewed focus on technology would provide additional impetus to the growth process.

The Government of India hosted the Third Annual Meeting of the Asian Infrastructure Investment Bank (AIIB) at Mumbai on 25-26 June 2018. In this regard, RIS has worked closely with the Department of Economic Affairs (DEA), Ministry of Finance, as the Knowledge Partner with exemplary partnership of leading industry associations of India - FICCI, CII and ASSOCHAM. In the run-up to the Third Annual Meeting of the AIIB, RIS also collaborated with State Governments and the Civil Society Organisations in order to collectively pursue resource and institutional challenges and enhance gains from connectivity and infrastructure development. Mr Arun Jaitley, Hon'ble Finance Minister, Government of India and Mr Jin Liqun, President, AIIB formally raised the curtains of the Third Annual Meeting of the AIIB at an impressive ceremony on 27 February 2018 at New Delhi. Mr Nitin Jairam Gadkari, Hon'ble Minister for Road Transport and Highways and Shipping and Mr Hardeep Singh Puri, Hon'ble Minister (Independent Charge), Ministry for Housing and Urban Affairs, Government of India had shared their perceptive insights with a large congregation of policy makers, diplomats, bankers, multilateral institutions, industry and other stakeholders.

RIS actively supported the Ministry of Finance in organizing the Curtain Raiser Event in New Delhi on 27 February 2018 and eight thematic lead-up events during March-June 2018. The themes and cities of the lead-up conferences were as follows: Mass Rapid Transport Systems at Kolkata; Port and Coastal Infrastructure at Vishakhapatnam; Urban Development at Ahmedabad; Futuristic, Resilient, and Digital Infrastructure at Bangalore; Regional Development at Guwahati; Clean and Renewable Energy at Bhopal; Water and Sanitation at Pune; and Private Sector Participation and Innovation in Resource Mobilization at Mumbai.

The cities for each of the lead-up events were chosen keeping in view their specific contribution and importance in the context of the respective themes of these events. For example, Guwahati reemphasizes the context in terms of specific infrastructure deficits in regions like India's North East as well as across other aspirational areas. Similarly, Bengaluru has a special place in India's digital leadership and innovation led transformations and was rightly chosen for our thematic conference on Futuristic, Resilient and Digital Infrastructure. Intensive efforts were made to come out with in-depth and comprehensive background papers on the respective themes of the lead-up events, for which eminent experts were invited to contribute. The papers are: Mass Rapid Transportation Systems by Mr Rakesh Ranjan; Port & Coastal Infrastructure by Mr Vishwapati Trivedi; Urban Development by Dr Om Prakash Mathur; Inclusive and Resilient Infrastructure by Prof. Partha Mukhopadhyaya; Digital Infrastructure by Dr Rajat Kathuria; Regional Development by Prof. Sebastian Morris; Clean and Renewable Energy by Dr Arunava Ghosh and Dr Kanika Chawla; and Water and Sanitation by Mr Parmeswaran Iyer, Secretary, Ministry of Drinking Water and Sanitation, Govt. of India.

A panel of eminent experts also interacted with RIS Research Team from time to time. The panel included Dr Atul Sarma, Mr Rajat M. Nag, Dr Jagan Shah, Shri Kishore Arun Desai, Dr Kavita Iyengar, Mr S. K. Das, Mr Ashok Khosla, Dr Dipender Kapur, Dr Lalit Kumar, Mr Suresh Rohilia, Mr Ashok Khurana, Dr Indira Khurana, Ms Mamta Dash, Dr Om Prakash Mathur, Prof. K. T. Ravindran, Dr Y. P. Anand, Mr Shivraj Gupta, Dr Milan Sharma, Mr Pravir Pandey, Mr A. Janardhana Rao, Mr Sameer Bhatnagar, Capt. Subedar, Commodore Sujeet Samaddar, Mr Saibal K. De and Mr R.V. Verma. Mr Subhash Chandra Garg, Secretary, Department of Economic Affairs provided consistent guidance and academic insights. Dr M.M. Kutty, Special Secretary; Shri Sameer Kumar Khare, Joint Secretary (Fund Bank and ADB); Dr Kumar Vinay Pratap, Joint Secretary (Infrastructure, Policy and Finance); Ms Bandana Preyashi, Director (MI/IF); Shri Rishikesh Singh, Director (MI); Department of Economic Affairs, Ministry of Finance, Government of India extended their full support. Like all necessary support was received from various State Governments and Central Government agencies including NITI Aayog, Ministry of External Affairs and other departments. RIS is thankful to FICCI, CII and ASSOCHAM for their partnership in the lead-up events.

Based on the lead-up events, RIS has brought out the Report entitled "*New Quest for Mobilising Financing for Infrastructure*" report is the outcome of extensive hard work of the RIS Research Team that has also contributed to the entire process of successful organization of the above events. The team worked under the overall guidance of RIS Chairman, Ambassador (Dr) Mohan Kumar and Chairman, Research Advisory Council of RIS, Ambassador Sudhir Devare. Dr Seshadri Chari Member, RIS Governing Council was a great support at the lead-up events. The members of the RIS Research Team included: Dr S.K. Mohanty, Professor; Prof. Amitabh Kundu, Distinguished Fellow; Dr Priyadarshi Dash, Assistant Professor; Dr Sabyasachi Saha, Assistant Professor; Mr Subhomoy Bhattacharjee, Consultant; Mr Arun S. Nair, Visiting Fellow, Ms Garima Dhir, IBSA Fellow; Mr Syed Mohammad Ali, Research Associate; and Mr Vaibhav Kaushik, Research Assistant. It is strongly felt that report will be found useful by policy makers, academics, practitioners and stakeholders.

SDGs and Moving Up the Scale with CSR and Flagship Programmes

The Asian Infrastructure Investment Bank (AIIB) has undertaken several initiatives across many sectors. The Prime Minister of India has also launched many flagship programmes ensuring inclusive development and sustainable growth. The Swachh Bharat Mission has the huge potential in bringing about revolutionary social transformation in the country. The programmes are to be scaled up at the global level, particularly in the context of India's commitment to effective and productive implementation of the agenda of SDGs. In this context, the role of CSR becomes

crucial, and there is an urgent need to discuss and review contribution coming from it to address various socio-economic issues confronting India. It is pointed out that India has a lot of scope for scaling up CSR contributions in different sectors for strengthening inclusive development. To discuss these issues, RIS organised an interactive session with Reach Scale and FIDC on 25 June 2018 at Mumbai on the sidelines of the third AIIB Annual Meeting.

The Session on 'SDGs and Moving up the Scale with CSR and Flagship Programmes' opened up

with the remarks by Prof. Sachin Chaturvedi, Director General, RIS, Mr David Wilcox, Founder and CEO of Reach Scale made the introductory remarks. Shri Hardeep Singh Puri, Hon'ble Minister of State (Independent Charge), Ministry of Housing and Urban Affairs, Government of India, delivered the special address. Ms. Meagan Fallon, CEO, Barefoot College International; Prof. Amitabh Kundu, Distinguished Fellow, RIS; and Mr Ravichandran Natarajan, Head Partnerships & Corporate Relations, Tata Trusts, Mumbai also spoke on the occasion. The session concluded with open discussion.



Shri Hardeep Singh Puri, Hon'ble Minister of State (Independent Charge), Ministry of Housing and Urban Affairs, Government of India addressing the participants.

Third EAS Conference on Maritime Security and Cooperation

The Ministry of External Affairs (MEA), Government of India in partnership with the Ministry of Petroleum and Natural Gas (MP&NG), Government of India; National Maritime Foundation (NMF); and ASEAN-India Centre (AIC) at RIS organized the Third East Asia Summit (EAS) Conference on Maritime Security and Cooperation on 8 - 9 June 2018 in Bhubaneswar, Odisha. Welcome Address was given by Dr Prabir De, Coordinator, AIC at RIS. Opening Address was delivered by Vice-Admiral Pradeep Chauhan, Director, NMF, whereas the Special Address was given by Mr Anurag Bhushan, Joint Secretary (ASEAN-ML). Shri Dharmendra Pradhan, Hon'ble Minister for Petroleum and Natural Gas, Skill Development and Entrepreneurship, India delivered the Inaugural Address.

EAS member countries nominated the officials and experts from their respective countries. About 55 participants attended



Shri Dharmendra Pradhan, Hon'ble Minister for Petroleum and Natural Gas, Skill Development and Entrepreneurship, Mr Anurag Bhushan, Joint Secretary (ASEAN-ML), Ministry of External Affairs, Government of India, Vice-Admiral Pradeep Chauhan, Director, NMF and Dr Prabir De, Professor, RIS and Coordinator, AIC at RIS in the Inaugural Session of the 3rd EAS Conference.

this two-day Conference. The Conference was divided into five sessions to facilitate an in-depth discussion on Maritime Security, Maritime Safety, Good Order at Sea, Blue Economy and a Panel Discussion on the Way forward. Finally, Mr Anurag Bhushan, Joint Secretary (ASEAN-ML), MEA

delivered the Closing Remarks and Dr Prabir De extended the Vote of Thanks. The delegates enjoyed the Cultural Programme on 8th June 2018 and also had field trips to Dhauli and Konark on 9th June 2018 in order to gain an exposure to the rich cultural heritage of the state of Odisha.



Shri Dharmendra Pradhan, Hon'ble Minister for Petroleum and Natural Gas, Skill Development and Entrepreneurship; Mr Anurag Bhushan, Joint Secretary (ASEAN-ML), Ministry of External Affairs, Government of India; and Vice-Admiral Pradeep Chauhan, Director, NMF with Delegates of the 3rd EAS Conference on Maritime Security and Cooperation.

Seminar on ASEAN-India Non-Tariff Measures (NTMs)

ASEAN-India Centre (AIC) at RIS organized a seminar on ASEAN-India Non-Tariff Measures (NTMs) on 20 April 2018 at New Delhi, India. The Seminar was the outcome of the research study conducted by AIC on NTMs between ASEAN and India. Welcome Address was given by Dr Prabir De, Professor, RIS and Coordinator, AIC at RIS. Opening Remarks was given by Mr Anurag Bhushan, Joint Secretary (ASEAN-ML), Ministry of External Affairs (MEA), Government of India. Presentation on the study was made by both Dr Prabir De and Dr Durairaj Kumarasamy. Comments for the presentations were received



Participants at the Seminar on ASEAN-India Non-Tariff Measures (NTMs).

from Mr Pranav Kumar, Head, International Trade and Policy Division, Confederation of Indian Industry (CII) and Dr Anil Jauhri, Chief Executive Officer (CEO), National Accreditation Board for Certification Bodies (NABCB), New Delhi. Finally, Dr Prabir

De summarized the study and delivered the vote of thanks. Seminar was attended by government officials, representatives of private sector, industry experts, research scholars, etc.

Consultation Meeting on Delhi Dialogue X with ASEAN HoMs

RIS organised a Consultation Meeting on Delhi Dialogue X with ASEAN HoMs on May 14, 2018. Amb. Dr Mohan Kumar, Chairman, RIS chaired the Consultation Meeting. Welcome Address given by Mr Anurag Bhusan, Joint Secretary (ASEAN ML), Ministry of External Affairs (MEA). Special remarks was made by Prof. Sachin Chaturvedi, Director General, RIS. Dr Prabir De, Coordinator, AIC at RIS made a presentation on Delhi Dialogue X, followed by comments and observations of ASEAN HoMs. Finally, Summing up and Closing Remarks were given by Amb. Dr Mohan Kumar, Chairman, RIS.



Participants at the consultation meeting on Delhi Dialogue X with ASEAN HoMs.

Meeting with Indonesian Delegates

A delegation from Indonesia visited AIC at RIS on April 19, 2018 for an interactive session with Amb. Amar Sinha, Distinguished Fellow, RIS and Prof. Prabir De, Coordinator, AIC and his team about the opportunities and potential for cooperation to promote trade and maritime connectivity between India, Indonesia and Myanmar and the role of regional cooperation in Bay of Bengal.



Indonesian Delegation at RIS.

Launching Science Diplomacy Programme

In recent decades, Science Diplomacy has emerged as a key tool in foreign policy. It has been used in addressing global issues where science and technology plays an important role in identifying the problem and providing solutions. Science Diplomacy is facilitating in deepening cooperation with other countries and groupings for furthering objectives of development cooperation. RIS, in association with the National Institute of Advanced Studies (Bengaluru), has initiated a Joint Research Programme on Science Diplomacy with the support of the Department of Science and Technology (DST), Government of India. The programme was launched on 7 May 2018 at New Delhi.

Amb. Dr Mohan Kumar, Chairman, RIS, chaired the



Inaugural Session of the Launching Science Diplomacy Programme.

inaugural session. Professor Sachin Chaturvedi, Director General, RIS presented an outline of the project. Shri T.S. Tirumurti, Secretary (ER), Ministry of External Affairs, delivered the keynote address. Professor Ashutosh Sharma, Secretary, Department of Science and Technology and Ministry of S&T

gave inaugural address. Professor D. Suba Chandran, International Strategies & Security Studies, National Institute of Advanced Studies (NIAS), Bengaluru, extended the vote of thanks. The agenda is uploaded on our website.

India's Urban Renaissance

RIS and National Institute of Urban Affairs (NIUA) organised jointly an Interactive Session on 'India's Urban Renaissance' on 2 June 2018 at New Delhi. Ambassador Amar Sinha, Distinguished Fellow, RIS, Chaired the programme. The programme started with the welcome remarks of Prof. Sachin Chaturvedi, Director General, RIS. Prof. Jagan Shah, Director, made lead presentation. Shri Hardeep Singh Puri, Hon'ble Minister of State (I/C) for Housing and Urban Affairs, delivered the keynote address. It ended with open discussion by a large number of participants.



Shri Hardeep Singh Puri, Hon'ble Minister of State (Independent Charge), Ministry of Housing and Urban Affairs, Government of India delivering the keynote address.

Stakeholder Workshop on “Sustainable Agriculture and Doubling Farmers’ Income to Ensure Healthy Food for All - SDG 2 Roadmap Framework”

RIS has been actively engaged with the Sustainable Development Goals (SDGs) since the process of their evolution and adoption in September 2015. As part of the major work programme of the SDGs, the RIS pursued for effective implementation of the Agenda of the SDGs in the domestic and international process, particularly, from the Indian point of view focusing on localization of SDGs. RIS is also collaborating with key think-tanks and organizations in India on specific issues related to SDGs to strengthen knowledge partnerships. The NITI Aayog, Government of India, is the nodal agency to coordinate and lead in implementation of SDGs in India. A number of National SDG Consultations were jointly organized by NITI Aayog, RIS and

UN India; in which various State/ UT Governments also actively participated. The role of State/ UT Governments is crucial for implementation of SDGs as well as in designing convergence with the SDGs and localising SDGs, to effectively improve all social, economic and environmental parameters for achieving the Goals.

In this series, a one-day Stakeholder Workshop on “Sustainable Agriculture and Doubling Farmers’ Income to Ensure Healthy Food for All - SDG 2 Roadmap Framework” was organised in New Delhi on 8 May 2018. Members from academia, experts, civil society organizations, practitioners from the Central/ State/UT Governments, UN organizations/bodies, shared their aspirations and commitments

towards achievement of SDG 2 in Indian context. The Report titled ‘SDG 2 Roadmap Framework’ brought out by RIS with the support of WFP was also launched on this occasion.

The programme began with the welcome remarks by Dr Ashok Kumar Jain, Advisor, NITI Aayog. Prof. Sachin Chaturvedi, Director General, RIS, set out the context. Dr Hameed Nuru, Representative and Country Director, WFP made opening remarks. Mr Yuri Afanasiev, UN Resident Coordinator and UNDP Resident Representative, in India. Dr Rajiv Kumar, Vice-Chairman, NITI Aayog, Government of India, delivered the keynote address. Dr P. K. Anand, Visiting Fellow, RIS, extended vote of thanks. The detailed agenda is available on the website of RIS.



Dr Rajiv Kumar, Vice-Chairman, NITI Aayog, Government of India, delivering the keynote address.

Stakeholder Consultation on Draft New Clinical Trial Rules, 2018

RIS policy research explores how an emerging India can leverage its comparative advantage at the global platform to boost its economy, move up the production chain and increase its international footprint. From that perspective, RIS organized a full day Expert Consultation on the Draft New Clinical Trial Rules, 2018 on 7 April 2018 to elicit views of stakeholders on the Draft Rules to examine, evaluate, and discuss these rules keeping in mind past amendments and the impact these changes has had on clinical trials in the country.

The consultation was unique. It brought together diverse stakeholder from academic, industry, private and public contract research organizations, ethics committees, media and government on one platform. This allowed for sharing and exchange

of different perspectives from the varied participants present at the discussion. The day long Consultation was divided into four technical sessions covering fundamental aspects of the Draft Rules, 2018. These ranged from data generation, data availability and transparency, issues of harmonization, capacity building, academia and industry research interface, good clinical and laboratory practices, technology, and intellectual property.

The Consultation opened with a welcome address by Prof. Sachin Chaturvedi, Director General, RIS. The inaugural address was conferred by Prof. Samir Brahmachari, Former Director General, Council of Scientific and Industrial Research (CSIR). Special addresses were delivered by Prof. D. Prabhakaran, Vice President, Public

Health Foundation of India (PHFI) and Dr Nandini M Kumar, Former Deputy Director General (Sr. Grade), Indian Council of Medical Research (ICMR). Prof. T C James, Visiting Fellow, RIS presented the issues for consideration in the consultation. Other speakers included Am. Sudhir T Devare, Chairman, Research Advisory Council, RIS; Dr Zakir Thomas, former Director (OSDD), CSIR; Prof Vaidya K S Dhiman, Director General, CCRAS, Ministry of Ayush; Dr Saradindu Bhaduri, Chairman, CSSP, JNU; Dr Chirag Trivedi, President, Indian Society for Clinical Research; and Mr Ashok Madan, IDMA. The consultation ended with vote of thanks by Dr Abha Jiaswal, Visiting Fellow, RIS. Based on the consultation, RIS has prepared clause by clause comments on the draft rules and submitted to the MoHFW for due consideration.



Participants on Stakeholder Consultation on Draft New Clinical Trial Rules, 2018.

Science, Technology and Innovation Policy (STIP) Forum Lecture Series

As part of the STIP Forum Lecture Series, the Ninth STIP Lecture on Science, Technology and Innovation in Building a Knowledge Economy was delivered on 19 June 2018 by Professor K. Vijay Raghavan, Principal Scientific Adviser to the Government of India and Chairman, SAC-C at New Delhi. Ambassador Bhaskar Balakrishnan, former Indian Diplomat and Science Diplomacy Fellow, RIS, chaired the event. Professor K. Vijay Raghavan was Secretary, Department of Biotechnology (DBT), Government of India, from January 28, 2013 to February 2, 2018. He is a Fellow of the Indian Science Academics, the Royal Society, the Academy of Medical Sciences (UK) and a Foreign Associate of the US National Academy of Sciences. He was awarded with the Padma Shri by the Government of India in 2013.

Dr Bhaskar Balakrishnan is a Science Diplomacy Fellow at RIS. He has been a career diplomat, and has served as Ambassador of India to Greece, Cuba, Haiti and the Dominican Republic, and has also



Professor K. Vijay Raghavan delivering the STIP lecture.

worked in Sudan, Syria, Zambia and Austria. He headed the Investment & Technology Promotion Division of the Ministry of External Affairs. As reported earlier, the Science Technology and Innovation Policy (STIP) Forum has been set up for promoting debates on various aspects of Science, Technology and Innovation Policy. The Forum goes beyond the disciplinary boundaries by taking into account the intersectionality of S&T and I. It aims to bridge gap between the science and society for dissemination of scientific achievements as

well as for generalising debate of societal aspirations and promoting responsible researches and innovations. The monthly lecture series has been launched to sensitize the public discourse on science, technology and innovation policy. Research and Information System for Developing Countries (RIS), The Energy Resources Institute (TERI), Centre for Science and Environment (CSE), Indo-French Centre for the Promotion of Advanced Research (CEFIPRA), Vigyan Prasar and India Habitat Centre (IHC) are the collaborating institutions.

Delegations received at RIS

- Mr A. K. Dixit, Mr Shashank, Mr J. N. L. Srivastava, Prof. R. B. Singh, and Dr K. V. Prabhu from the Global Forum of Farmers visited RIS on 16 April 2018 for an interactive session.
- A delegation of 20 Afghan Government officer visited RIS on 19 April 2018 for an interactive session on trade policy formulation and international trade.
- A research team of Mr Teuku Cut Mahmud Aziz, S. Fil and Mr Ichsan from Indonesia visited RIS on 19 April 2018 for an interactive session on developing connectivity and economic cooperation as well as for enhancing people-to-people contact.
- The ADB team, comprising Mr Ronald Antonio Butiong, Director, SARC; Mr Hoe Yun Jeong, Principal Economist, SARC; Mr Tadateru Hayashi, Senior Economist, SARC; Mr Masato Nakane, Economist, SARC and Mr Soumya Chattopadhyay, Consultant, ADB, visited RIS on 26 April 2018 for discussion on regional issues and possible synergy between India's bilateral initiatives and ADB's regional cooperation programme.
- Mr Arifi Saiman, Head and Ms. Ernawati, Deputy Head, Centre of Policy Analysis and Development of the Asia and African Region, Ministry of Foreign Affairs of the Republic of Indonesia visited RIS on 21 May 2018 for interacting on the role of Indonesia in the IORA, Trioka, to be held in October 2018.
- Mr Gerbrand Haverkamp, Executive Director, Index Initiative, Netherlands visited RIS on 24 May 2018.
- Mr Ashwani Muthoo, Director, Global Engagement and Multilateral Relations Division and Ms. Rasha Omar, Country Representative, International Fund for Agricultural Development (IFAD) visited RIS on 29 June 2018 for discussion with RIS faculty on India-IFAD South-South and Triangular Cooperation Partnership.

Industry Consultation on Global Promotion of Indian Systems of Medicine

The Forum on India Traditional Medicine (FITM) with support from the Ministry of AYUSH and RIS organised an Industry Consultation on Global Promotion of Indian Systems of Medicine on 18th May 2018 at India International Centre, New Delhi. The primary objective was to facilitate industry-government dialogue to generate policy action recommendations. Panellists included representatives of industry, academia, and Ministries of the Government of India. The discussions at the Consultation were based on practical experiences of participants.

The Consultation had four major Panel Discussions identifying challenges and solutions for global promotion of Indian systems of medicine. These included a review of domestic policy and regulatory preparedness on export promotion; measures for international manufacturing standards and quality assurance through greater scientific validation and subscription to pharmacopoeial standards ; challenges associated with supply of raw materials including collection and cultivation of medicinal plants ; and regulations on wellness industry for quality control of practitioners in India and abroad and impact of bilateral and



Inaugural session of the consultation in progress.

multilateral treaties and agreements on the ISM sector.

The Welcome Address was delivered by Prof. Sachin Chaturvedi, the Overview of Vision for Indian Systems of Medicine was presented by Mr Rajeev Kher, Former Commerce Secretary and Distinguished Fellow, RIS and Dr Akash Taneja, Joint Director General, Foreign Trade, DGFT gave the keynote address. Dr Manoj Nesari, Adviser, Ministry of AYUSH inaugurated the consultation. Mr Vaidya Rajesh Kotecha, Secretary, Ministry of AYUSH and Mr Pramod Kumar Pathak, Additional Secretary, Ministry of AYUSH also joined the consultation. The vote of thanks was delivered by Prof. T.C. James, Visiting Fellow, RIS.

Four panel discussions identifying challenges and solutions

for global promotion of Indian systems of medicine involving industry representatives were held. These included a review of domestic policy and regulatory preparedness on export promotion; measures for international manufacturing standards and quality assurance through greater scientific validation and subscription to pharmacopoeial standards; challenges associated with supply of raw materials including collection and cultivation of medicinal plants; and regulations on wellness industry for quality control of practitioners in India and abroad and impact of bilateral and multilateral treaties and agreements on the ISM sector. Based on the consultations a report with recommendations was furnished to the Ministry of AYUSH for further action.

Panel Discussion on South African Presidency of IORA and BRICS: Issues Before Summits

RIS and Pondicherry University organised jointly a Panel Discussion 'South African Presidency of IORA and BRICS: Issues before Summits' on 4 April 2018 at UNESCO Madanjeet Singh Institute of South Asian Regional Cooperation, Pondicherry University.

Professor Gurmeet Singh, Vice-Chancellor, Pondicherry University,

Chaired the programme. The programme proceeded with the introductory remarks of Dr S.K. Mohanty, Professor, RIS. Dr Anil Sooklal, Deputy Director General, Department of International Relations and Cooperation, South Africa, delivered the special address. This was followed by remarks by H.E Dr N. Manzini, High Commissioner, High Commission

of South Africa in India; and Mr Alok A. Dimri, Joint Secretary (MER), Ministry of External Affairs, Govt. of India followed by interactions. Dr A. Subramanyam Raju, Head, Centre for South Asian Studies & Coordinator, UGC Centre for Maritime Studies, Pondicherry University extended the vote of thanks.

RIS-EXIM Bank Summer School on International Trade Theory and Practices

In order to contribute towards capacity building of scholars working in the field of international trade, RIS, in association with the Export-Import Bank of India (Exim Bank), organised the third edition of the Summer School programme in New Delhi during the period June 11-16, 2018, for M.Phil and Ph.D. students specialising in international trade.

Over the years, RIS has gained prominence for its contribution to research and policy in areas like multilateral trading system, regional trading arrangements, comprehensive economic cooperation architecture, and South-South Cooperation. Trade, Technology and Investment issues define the core expertise of the institution leading to several research studies and deliberations.

Exim Bank is the premier export finance institution of the country set up to finance, facilitate and promote India's international trade. As a part of its ongoing efforts to promote economic research and academic excellence, Exim Bank has also taken several initiatives to encourage scholars to undertake focused economic research studies in various aspects, especially related to international trade and investment.

The following modules were covered during the course by experts: Module 1 - Recent Developments in Trade Theory; Module 2 - Tools and Techniques in Trade Analysis; Module 3 - Understanding FTAs and Regional Trading Blocs; Module 4 - Issues of Trade in Technology and Classification Issues; Module 5 -

Trade and Development: IPRs and New Issues; and Module 6 - Group Presentations.

The programme began with welcome remarks by Prof. Sachin Chaturvedi, Director and Prof. S.K. Mohanty, RIS. Mr Debasish Mallick, Deputy Managing Director, Export-Import Bank of India; Mr Rajeev Kher, Distinguished Fellow, RIS; and Professor Rupa Chanda, Head of Office, Subregional Office for South and South-West Asia, UNESCAP also addressed the participants. The participants included 24 candidates from India and five candidates from BIMSTEC countries. Prominent experts from research institutions and academicians were invited to deliver lectures and hold interactive sessions with the participants.



Participants of the RIS-EXIM Bank Summer School on International Trade Theory and Practices with RIS faculty.

Contributions to Outside Policy Dialogues

Prof. Sachin Chaturvedi

Director General

- Made a presentation on 'IBSA's role in South-South Cooperation' at the IBSA Sherpas' Meeting organised by Ministry of External Affairs on 2 April, 2018 at Chennai.
- Participated in the Panel Discussion on Prof. V.V. Krishna's recently edited book: *Universities in the National Innovation System*, organised by Jawaharlal Nehru University, 6 April 2018, New Delhi.
- Participated in the Central Public Sector Enterprise (CPSE) Conclave organised by Ministry of Railways on 9 April 2018, New Delhi.
- Participated in the North Eastern Council First Meeting of NITI Forum for North East organised by NITI Aayog on 10 April 2018 at Agartala.
- Participated as a Member in the Inaugural Meeting of the Drafting Committee for a National Maritime Committee organised by NITI Aayog on 11 April 2018, New Delhi.
- Made a presentation on 'Addressing pressing Global Challenges Role of Triangular Development Cooperation' at the international meeting on "Making best use of the value added of triangular co-operation" on 17-18 April 2018 in Lisbon, organised jointly by the Camões - Instituto da Cooperação e da Língua, and OECD Development Co-operation Directorate (DCD), 17 April 2018 at Lisbon.
- Made a presentation on 'Role and Responsibility of Big Technology in Sustainable and Inclusive Development' at the National Consultation on Role and Responsibility of Big Technology in Sustainable and Inclusive Development organised jointly by PAIRVI, MAUSAM, APRN, APRCEM, CECOEDECON, Focus on the Global South and ETC group on 25 April 2018 at New Delhi.
- Delivered Dr Dayanatha Jha Memorial Lecture on "Centrality of Science, Societal Goals and Agriculture R&D Priority Setting" at the National Institute of Agricultural Economics and Policy Research (NIAP) Annual Day Function on 2 May 2018 at New Delhi.
- Participated at a meeting on 'Towards a Blue Economy Strategy for India: Emerging opportunities and challenges' at the Prime Minister's Economic Advisory Committee organised by NITI Aayog on 2 May 2018 at New Delhi.
- Participated as a Member in the Sewa Mandir Executive Council Meeting organised by Sewa Mandir on 17 May 2018 at Udaipur.
- Participated in the First Pandit Deen Dayal Upadhyay Memorial International Oration by Smt. Sushma Swaraj, Minister of External Affairs, Government of India on 'Soft Power Diplomacy, Strength of India' on the Occasion of the World Culture Day organised by Indian Council for Cultural Relations (ICCR) on 21 May 2018 at New Delhi.
- Made a presentation on India's Development Cooperation and Civil Society Engagement in India-ASEAN Strategic Partnership and AIIB at the Civil Society Consultation on India-ASEAN Strategic Partnership and Asian Infrastructure Investment Bank on 23 May 2018 at New Delhi.
- Made a presentation on 'Agricultural Biotechnology for South-South Cooperation' at the Regional Expert Consultation on Agricultural Biotechnology - Scoping Partnership to Improve Livelihoods of Farmers in Asia-Pacific, organized by Asia-Pacific Association of Agricultural Research Institutions (APAARI), on 29 May 2018 (via Skype) at Bangkok.
- Participated in the BRICS Think Tank Council (BTTC) meeting organised jointly by the South African BRICS Think Tanks (SABTT) and National Institute for the Humanities and Social Sciences on 28 May 2018 at Johannesburg.
- Made a presentation on 'Towards Universal Health Coverage in BRICS' at the BRICS Academic Forum 2018 organised jointly by the South African BRICS Think Tanks (SABTT) and National Institute for the Humanities and Social Sciences on 29 May 2018 at Johannesburg.
- Made a presentation on 'Towards Accessible Global South Knowledge' at the BRICS Academic Forum 2018 organised jointly by the South African BRICS Think Tanks (SABTT) and National Institute for the Humanities and Social Sciences, 30 May 2018 at Johannesburg.
- Delivered a Lecture on 'India's emerging Global Engagements: Role of Academic and Research Community' to the students of Sikkim University organized by Sikkim University on 4 June 2018 at Gangtok.
- Made a presentation on 'The Rising BRICS Economies: Opportunities and Challenges' at the Policy Boot Camp 2018, Vision India Foundation on 15 June 2018 at Sonapat.
- Made a presentation on 'Role of enabling S&T Policies and Regional Cooperation for spurring Innovations and Economic Development' at the Panel Discussion on IP, Food Laws and Global Food Security, organised by Michigan State University, USA on 19 June 2018.
- Made a presentation on 'Deconstructing South-South Cooperation', at the Regional Consultation on South-South Cooperation in Asia and the Pacific: Towards the Buenos Aires Plan of Action 40th Anniversary organised by UNOSSC, Bangkok on 27 June 2018.

Prof. S. K. Mohanty

- Made a presentation on 'Blue Economy Trilateral Cooperation among IBSA Countries' at the 'First Meeting of IBSA Sherpas' organised by the Ministry of External Affairs at Chennai on 2 April 2018.
- Participated in the prior to 4th round of India-Mauritius CECPA Meeting on 'India-Mauritius Comprehensive Economic Cooperation and Partnership Agreement', organised by the Department of Commerce at New Delhi on 6 April 2018.
- Participated in the Review Meeting on 'India-Mauritius Comprehensive Economic Cooperation and Partnership Agreement', organised by the Department of Commerce at New Delhi on 16 April 2018.
- Participated in the '4th Meeting of India-Mauritius CECPA', organised by the Department of Commerce at New Delhi on 17-19 April 2018.
- Made a presentation on 'India's Engagement with LAC: *Trade and Investment*' in the Multi-Stakeholders' at Consultation Meeting on 'India's Engagement with Latin America and Caribbean Countries in Trade and Investment' organised jointly by Department of Commerce at New Delhi on 20 April 2018.
- Participated in the '2nd Meeting of Drafting Committee on Blue Economy' held at NITI Aayog, New Delhi on 26 April 2018.
- Participated in the Meeting on 'A Roadmap for the Blue Economy in India and an Integrated Ocean Policy for Multisectoral Stakeholder' held at NITI Aayog, New Delhi on 2 May 2018.
- Participated and made a presentation on 'Towards A Blue Economy Strategy for India: *Emerging Opportunities and Challenges*' in the Meeting on 'A Roadmap for the Blue Economy in India and an Integrated

Ocean Policy for Multisectoral Stakeholder' held at NITI Aayog, New Delhi on 2 May 2018.

- Participated and made a presentation on 'National Maritime Policy' in the meeting held at NITI Aayog, New Delhi on 11 June 2018.
- Participated in the 'Review meeting on India-Mauritius Comprehensive Economic Cooperation and Partnership Agreement (CECPA)', organised by Department of Commerce at New Delhi on 12 June 2018.
- Made a presentation on 'India Mauritius CECPA JSG', at the meeting organised by Department of Commerce at New Delhi on 27 June 2018.

Prof. T. C. James

Visiting Fellow

- Participated in the World IP Day seminar organised by NIPO and Campus Law Centre, Delhi University on 17th April, 2018. The theme was Human Rights (HRs) and Gender. I made a presentation on IPRs and HRs – a Gender Perspective.
- Took part in the panel discussion on copyright and its enforcement in the National Conference on Copyright Enforcement organised by Law Centre - I, University of Delhi on 20 April, 2018.
- Delivered talks and chaired the valedictory session of the Two Day National Workshop on Intellectual Property: Procedure and Practice" organised by the Indian Law Institute, New Delhi on April 20-21, 2018.
- Made a presentation on IPRs-A Gender Perspective at the World IP Day programme organized by Intellectual Property Office, New Delhi on 24th April 2018.
- Delivered special address on protection of geographical indications and traditional knowledge in India to the Law

Officers of Myanmar organised by Ministry of External Affairs and Indian Law Institute on 10 May, 2018.

- Delivered a talk on importance of copyright protection at KIET, Ghaziabad on 29 May, 2018.
- Participated as a Resource Person in the "Refresher Course for Law Teachers" held in the Cochin University of Science and Technology and delivered two talks on the national and international perspectives on the concept of collective ownership of geographical indications on 23 June 2018.
- Interacted with the Nilambur Teakwood Producers Association on marketing issues of Nilambur Teak and addressed a workshop on Follow-up on registration of Nilambur Teak as a Geographical Indication on 25 June, 2018.

Dr K. Ravi Srinivas

Consultant

- Made a presentation on Status and Debates around Synthetic Biology 'in Who Wants to Fix our Climate and Eat Our Lunch?' at the National Consultation on Role and Responsibility of Big Technology in Sustainable and Inclusive Development, held on 25 April, 2018, New Delhi.

Dr Priyadarshi Dash

Assistant Professor

- Presented policy brief on "Trade and Investment in Africa: CFTA and Way Forward" in T20 Africa Standing Group Annual Meeting held in Addis Ababa, Ethiopia on April 14-15, 2018

Dr Sabyasachi Saha

Assistant Professor

- Delivered Lecture on Role of Technology, Digitalisation, TFM and SDG 17 at ORF-GIZ Workshop on SDGs, held on 06 June 2018 at New Delhi
- Participated in the NDB Annual Meeting held on 28-29 May 2018 in Shanghai, China.

Latest Publications

BOOK/REPORTS



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RIS, New Delhi, 2018



AIIB Annual Meeting 2018 Host Country Seminars Background Papers
RIS, New Delhi, 2018



Assessing Economic Impacts of Connectivity Corridor: An Empirical Investigation by Prabir De, Sunetra Ghatak and Durairaj Kumarasamy, 2018, RIS and AIC at RIS



India-Russia Relations in Global Context
RIS, New Delhi, 2018

DEVELOPMENT COOPERATION REVIEW (DCR)

Vol. 1 No. 1, April 2018

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SOUTH ASIA ECONOMIC JOURNAL

Vol. 19, No. 1 (January – June 2018)

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Access and Expansion of Traditional Knowledge Digital Library and Incentivization of Innovations
RIS, No. 1, New Delhi, 2017

FITM SCOOPING PAPER

#1 China's Policy Initiatives for National and Global Promotion of TCM by T.C. James and Namrata Pathak

RIS DIARY

Vol. 14 No. 2, April 2018

Contributions to Outside Publications by RIS Faculty

Chaturvedi, Sachin. 2018. "Economic Development and Cooperation". Proceedings of three day Bilateral Seminar on Nepal – Bharat Relations, March 3-5, 2017, Simara, Nepal.

Chaturvedi, Sachin. 2018. 'Trade, Transit and Supply' in Nepal – Bharat Relations: Economic Development and Cooperation – A Three day Bilateral Seminar Proceedings on March 3-5, 2017, Simara, Nepal.

Chaturvedi, Sachin. 2018. Trade Wars: Trumped by tariffs - It is not the US that is the victim of the global trade order; it is India. *The Week*, July 01, 2018.

Chaturvedi, Sachin 2018. "Localise SDGs to meet targets". *Financial Express*, 15 June 2018.

Prabir De and Suthipand Chirathivat. 2018. *Celebrating the Third Decade and Beyond: New Challenges to ASEAN – India Economic Partnership*, Routledge, New Delhi, 2018 (editor and author).

Prabir De. 2018. "Look East to Act East: Shaping the ASEAN-India Partnership in the Third Decade", in Rumel Dahiya and Udai Bhanu Singh (eds.) *ASEAN-India Relations: A New Paradigm*, IDSA, New Delhi.

Prabir De. 2018. "Building Connectivity for ASEAN-India Value Chain" in Harsh V. Pant (ed.) *Charting the Course for India-ASEAN Relations for the Next 25 Years*. ORF, New Delhi.

Durairaj Kumarasamy. 2018. Book Review on "Integrating South and East Asia: Economics of Regional Cooperation and Development", by Jayant Menon and T.N. Srinivasan (Eds.), Oxford University Press, 2018, pp. 397, in *South Asia Economic Journal*, Vol.19, No.1, pp. 140-143.

Srinivas, Ravi K.Publication. 2018. "Improving Access to Medicines via the Health Impact Fund in India: A Stakeholder Analysis" in Patrick McMullan, Vamadevan S. Ajay, Ravi Srinivas, Sandeep Bhalla, Durairaj Prabhakaran & Amitava Banerjee (eds) *Global Health Action*, 11:1, 1434935, DOI: 10.1080/16549716.2018.143493.

Srinivas, Ravi K.Publication. 2018. "Recent : 'Regimes in Conflict: Controversies over Access and Benefit Sharing and Sharing of Virus Samples". *European Journal of Risk Research (EJRR)* (Cambridge University Press) Vol. 8, pp. 573–579.



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Institutional Finance to Match Sectoral and Regional Priorities



Prof. Amitabh Kundu
Distinguished Fellow, RIS

Alice was wandering in the Wonderland negotiating mysterious surroundings and meeting extraordinary members of different genera. Suddenly, she discovers a potion on a table and drinks it. This makes her very, very tall. The distance between her head and feet becomes enormous. She is worried, "Would I be able to take care of my feet which are so far away from me?" Her more serious concern is: "Would my feet follow my command; would they walk the way I would like them to?" She, therefore, decides, "I will give them a new pair of shoes every Christmas" to keep them happy and obedient.

This imagery created by Lewis Carroll in his fantasy novel is for drawing attention to the problems of miscommunication and lack of coordination and compliance, often existing between the core and its periphery, separated by long distance. Even though the two are the part of an entity, these can create inequality in distribution of benefits, leading to "exclusionary development".

Regional disparity in India is deeply linked to the distance factor. Distance implies not just the geographical distance but also political, social and economic distances. India inherited an extremely uneven regional structure at the time of Independence. Despite the well-orchestrated interventions by Finance Commission, Planning Commission and other institutions, regional inequality continued to rise at least till 2007-08. With the newly formed states of Jharkhand, Chhattisgarh, Uttarakhand along with Bihar, Madhya Pradesh, Odisha, which have recorded high rate of economic growth and many among the North-eastern states, which have emerged out of the quagmire of structural backwardness, the trend of increasing regional inequality has stalled or at least slowed down. It, nonetheless, continues still to be very high. Investment in infrastructure in the less developed regions and in their more backward pockets can go a long way in reducing friction of distance and ushering in a new era of inclusive development. The modern infrastructure improves coordination and transparency, reduces the role of vested interests, facilitating governance system at the central, state and town/settlement levels to work in harmony.

Researchers have noted that the spatial distribution of economic activities, including heavy industries, crop production etc. is not optimal in the context of availability of resources. This has been explained in terms of colonial history and erroneous policies in the post-colonial period. The potential of the backward states has neither been assessed nor tapped. Given the recent trends of growth in these states, there is no reason why they should not lead the overall economic growth process in the country in the coming decades.

Are we making the right kind of investment in the right region in the appropriate sectors so that the problems of regional inequality can be addressed? Would the investments by Asian Infrastructure Investment Bank (AIIB), Asian Development Bank, World Bank, etc. and individual investors go into those sectors and regions?

Investment requirement for meeting the goals is massive. More importantly, the risk factor may be slightly higher. The gestation period for the returns to capital may be longer. What should the central, state and local governments do in order to see that the investment takes place in the right sectors in the adequate quantum and at the appropriate time? These are the questions with which RIS took the challenge of organizing eight thematic Lead-up events, besides the curtain raiser and the sessions at the final Annual AIIB meeting during February-June 2018. The key development concerns of the country were brought into the centre stage of discussions by having appropriate sub themes and identifying eminent subject experts. A critical appraisal of the events suggests that these questions were addressed with empirical rigour, leading to a set of recommendations extremely important for the Ministry of Finance and AIIB. RIS hopes that due attention will be given to these by the concerned Ministries in India, both at the central and state levels, as also by the regional and international financial institutions and investors.

Third AIIB Annual Meeting

- Curtain Raiser Ceremony

Lead-up Events

- Mass Rapid Transport Systems
- Port and Coastal Infrastructure
- Urban Development
- Futuristic, Resilient, and Digital Infrastructure
- Regional Development
- Clean and Renewable Energy
- Water and Sanitation
- Private Sector Participation and Innovation in Resource Mobilization