



— Policy research shaping the global development agenda

## Industrialisation and Employment for Sustainable Growth



Prof. Arvind Panagariya addressing the Valedictory Session. Also seen in picture (from left to right) are Prof. Sachin Chaturvedi, Amb. Shyam Saran, Prof. T.C.A. Anant, and Mr. Yuri Afanasiev.

RIS, in collaboration with NITI Aayog and UN in India, organised the National Consultation on Industrialisation and Employment for Sustainable Growth in India, relating to SDGs 8 and 9 in New Delhi on 2-3 August 2016. Prof. Sachin Chaturvedi, Director General, RIS and Mr. Yuri Afanasiev, UN Resident Coordinator, India made the Welcome Remarks highlighting RIS initiatives and global context, respectively. Prof. Arvind Panagariya, Vice Chairman of NITI Aayog delivered the Valedictory Address. He underscored that India had a huge influence on framing of SDGs. He emphasised that Prime Minister during his recent visit to NITI Aayog categorically mentioned that our vision document should have the clear goal of elimination of poverty. In this context, the SDGs 8 and 9 would be the guiding principles.

He further added that many of the national objectives are covered

in these which save us from conflict that arise between national objectives and super-national objectives coming from international agencies. He also emphasised that poverty elimination is the major objective of the government and all other objectives like health, education, growth, etc., can be achieved only when poverty elimination is addressed. People with income have more capacity to use public services. Mr. Amitabh Kant, CEO, NITI Aayog delivered Keynote Address and said we have a huge work force which is an asset that needs to be explored and used to maximum and linked with *Skill India* initiative.

Amb. Shyam Saran, Chairman, RIS made Chairman's Remarks and highlighted the imperatives of employment generation in the context of manufacturing and SDGs. Dr. P. K. Anand, Senior Consultant (DMEO), NITI Aayog presented the structure of the Consultation.

Mr. Yuri Afanasiev chaired the first session on 'Paradigm of Sustainable Growth and Industrialisation.' Mr. Devender Singh, Secretary (Industries), Government of Haryana; Mrs. Rashmi Singh, Secretary (Industries), Andaman and Nicobar Administration; Dr. Nagesh Kumar, Head, UNESCAP (S&SWA) New Delhi; Dr. Ajay Mathur, Director General, The Energy and Resources Institute (TERI); Prof. Pulin B. Nayak, former Director, Delhi School of Economics; and Mr. P. K. Biswal, Additional Secretary (Planning and Convergence), Government of Odisha were the panellists.

The session deliberated on key issues including fasttracking sustainable industrialisation for economic growth in the context of 'Make in India' and SDGs; resource efficiency and green technologies in industrial production; addressing

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### Towards BRICS Wellness Index



*Shri Ananth Kumar, Hon'ble Minister of Chemicals and Fertilisers, Government of India; Shri Shripad Yesso Naik, Hon'ble Minister of State (Independent Charge) for AYUSH; and Shri K. R. Ramesh Kumar, Hon'ble Minister of Health and Family Welfare, Government of Karnataka along with members of BRICS countries releasing the RIS Volume, 'Health, Nature and Quality of Life: Towards BRICS Wellness Index' during the inaugural session of the BRICS Wellness Workshop in Bengaluru.*

In the run-up to the BRICS Summit, the BRICS Wellness Forum was organised by the Ministry of AYUSH in partnership with the Ministry of External Affairs and RIS in Bengaluru on 10-11 September 2016 to promote partnership in traditional medicine systems. The Government of Karnataka was the host.

Shri Ananth Kumar, Hon'ble Minister of Chemicals and Fertilisers, Government of India; Shri Shripad Yesso Naik, Hon'ble Minister of State for AYUSH; Shri Ramesh Kumar, Hon'ble Minister for Health and Family Welfare, Government of Karnataka and Sri Sri Ravi Shankar, Founder, Art of Living inaugurated the workshop.

Mr. Ajit M. Sharan, Secretary, Ministry of AYUSH, Government of India; Mr. Anil Kumar Ganeriwala, Joint Secretary, Ministry of AYUSH; Dr. Shalini Rajneesh, Principal Secretary, Health and Family Welfare Department, Government of Karnataka; Prof. Sachin Chaturvedi, Director General, RIS; Dr. H. R. Nagendra, Chancellor, S-VYASA Deemed University; Mr. O. O. Salagai, Head of the Department

of International Cooperation and Public Relations, Ministry of Health of the Russian Federation; Mr. Zhu Haidong, Deputy Director General, Department of International Cooperation, State Administration of Traditional Chinese Medicine; Prof. James Campbell, Head of Department, School of Natural Medicine, University of Western Cape also addressed the inaugural session.

Shri Ananth Kumar, Hon'ble Minister for Chemicals and Fertilisers mooted for a world organisation of traditional medicine. He said, "We must take the initiative to form such a forum under the World Health Organisation, as BRICS countries represent 40 per cent of the world's population and India leads in traditional medicine alongside China. The World Yoga Day celebration is one such instance." He urged Hon'ble Minister of State for AYUSH Shri Shripad Yesso Naik to pursue it.

Shri Shripad Yesso Naik, said the Ministry's objective was to strengthen the existing research institutions and ensure a time-bound

research programme on identified diseases for which these systems have an effective line of treatment. "AYUSH effort is to tackle the current challenges like dengue and chikungunya with integrated medicines," he added.

Shri K. R. Ramesh Kumar, Hon'ble Minister of Health and Family Welfare, Government of Karnataka said wellness should not be the prerogative of only the rich people. Therefore, we should set up a system wherein quality healthcare should be available for all, he said.

Speaking on the occasion, Sri Sri Ravi Shankar said that there is no need to fear traditional medicines to treat people. He emphasised, "There is no need to be prejudiced towards the age-old systems of medicine. They were discovered thousands of years ago and our ancestors proved their worth centuries back. The entire world is looking at India, thanks to yoga and other health-related concepts. Many foreign countries are adopting our traditional medicines as well as yoga. It is time we highlight them in India too."

“India could share its traditional wisdom in a systematic and scientific manner with the rest of the world. The need of the hour is to marry traditional medicine with modern therapies,” Sri Sri pointed out.

According to Mr. Ajit M. Sharan, India is charting a new path in AYUSH. The potential of traditional medicine and the research capability is taking a new dimension. The way forward will be evidence-based research. In this, India had already signed up pacts with China and Russia in this domain. The need of the hour was also to ink a pact for IPR in traditional medicines.

Calling for mainstreaming traditional medicine systems, Dr. H.R. Nagendra said, “India needs a policy for an integrated health system. The healthcare delivery system should not be restricted to allopathy alone as it does not ensure total healing and cure. Ayush and even Chinese medicines are effective systems, which can tackle the growing burden of non-communicable diseases like diabetes, hypertension, heart ailments, migraine, epilepsy, asthma among others.” Although the Ministry of AYUSH was formed on 9 November 2014, efforts to integrate traditional medicine into mainstream system started way back in 2006, he informed.

While Brazil hoped to set up an Ayurveda research centre to counter western influences, India is working on globalising Ayurveda and has set up the Ayurveda chair in various varsities in Trinidad & Tobago, Hungary and Thailand and will soon have one each in Russia, Indonesia, Slovenia, Latvia and Armenia. The countries shared their approaches, laws and policies to integrate the traditional medicine systems and to boost evidence-based research in these disciplines.

Dr. Shalini Rajneesh, Principal Secretary, Health and Family Welfare, Government of Karnataka said that the Centre should look at

mainstreaming of AYUSH medicines and making them available for the common man through *Jan Aushadhalayas* (generic drug stores). “That way we can ensure that traditional medicine is made available to all, especially to those who do not go for it as they don’t get medical reimbursement for it,” she underlined.

Prof. Sachin Chaturvedi mentioned that wellness should be used as an alternative to GDP as a measure of progress of a nation. Mental health is extremely important as health, nature and quality of life are crucial. He also stated that export of traditional medicines is a major challenge and there is a need to set up global standards in terms of sanitary and phytosanitary measures for this to take place. He also talked about standards, IPRs and wider acceptability of traditional medicines.

On this occasion, the RIS Volume titled *‘Health, Nature and Quality of Life: Towards BRICS Wellness Index’* was also released. It ponders on two fundamental yet related questions in this regard. First, it explores the narrative on traditional knowledge, concept and philosophy of wellness in BRICS. It also tries to redefine the contemporary relevance of such systems and attempts to connect them with modern economic processes for greater effectiveness and adoption as a strategy of development. Second, the volume proposes a new framework for wellness measurement in BRICS not only to guide policymaking, but also to gather a new following and momentum for integrated approaches to development at the level of citizens.

The first plenary session on ‘Experience Sharing on Traditional Medicine by the BRICS Countries’ was chaired by Mr. Ajit M. Sharan. Mr. Anil Kumar Ganeriwala presented an overview of the Ministry of AYUSH. Dr. Rajiv Vasudevan, MD and CEO,

AyurVAID Hospitals spoke about integration of traditional medicine. Dr. Isaac Mathai, Chairman, Managing and Medical Director, SOUKYA talked about wellness facilities in traditional medicine in India.

Mr. Erick Goncalves Schulz, Parliamentary Front in Defence of Integrative Practices in Health, Brazil; Prof. Cecilia de Mello e Souza, Psychology Institute, Federal University of Rio de Janeiro, Brazil; Mr. O. O. Salagai, Mr. Zhu Haidong, Prof. James Campbell and Mr. Marquard Franklin Simpson, Manager, Faculty of Community and Health Sciences shared their country experiences for healthy living.

Prof. Pulin Nayak, formerly Director, Delhi School of Economics, Delhi and Prof. Rasigan Maharajh, Chief Director, Institute for Economic Research on Innovation, Tshwane University of Technology, South Africa co-chaired the second plenary session on ‘Wellness Indicators for BRICS’. Dr. Krishna Kumar, Deputy Director General, Ministry of Statistics and Programme Implementation, Government of India; Dr. Amanda Gcabashe, Specialist Traditional Medicine, Special Projects Business Unit, South African Bureau of Standards, Pretoria, Dr. Cecilia de Mello e Souza; Mr. Erick Goncalves Schulz; Dr. Anita Karilio Arkas, President, Ayurveda Russia-India Association, Member of the Councils of Traditional Medicine, Ministry of Health and the Committee on Health Protection, State Duma of the Russian Federation participated in the discussions.

Prof. Sukhdev Swami Handa, Chairman, Scientific Body of Pharmaceutical Commission of Indian Medicine & Homoeopathy (PCIM&H), Ministry of AYUSH chaired the third session on ‘Trade and Economy, Value addition, manufacturing and trade, trade classification, regulation and

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## Sustainable Management of Water and Sanitation for All

RIS, in collaboration with NITI Aayog and UN in India, organised the National Consultation on Sustainable Management of Water and Sanitation for All in the backdrop of SDG 6 in New Delhi on 9 August 2016. Prof. Sachin Chaturvedi, Director General, RIS and Mr. Yuri Afanasiev, UN Resident Coordinator, India made the Opening Remarks. Mr. Parameswaran Iyer, Secretary, Department of Drinking Water and Sanitation in his Keynote Address said that water management is a broad topic which needs to be looked at holistically. The present government, led by Prime Minister Narendra Modi has a particular focus on providing clean drinking water to all. To solve the water issues there is felt need to look at traditional methods of water conservation in addition to the new technology. There is need to mainstream traditional methods and involve communities.

Further, Mr. Parameswaran added that clean drinking water



Mr. Parameswaran Iyer delivering Keynote Address at the consultation. Also seen in picture (from left to right) are Prof. Sachin Chaturvedi, Mr. Yuri Afanasiev, and Dr. P.K. Anand.

cannot be made available to all unless sanitation is available for all, faecal matter being the major water contaminant. He also talked about PM Modi's *Swachh Bharat Mission* which is the flagship programme of the government. He emphasised that meeting the target of SDG 6 is crucial for India as around 500-600 million people in India practice open defecation and if this number is not brought down, then SDG 6 will fail globally. He also underlined,

“India aims to be open defecation free (ODF) by 2 October 2019 which marks the 150th birth anniversary of Mahatma Gandhi.”

Dr. P.K. Anand, Senior Consultant, NITI Aayog, speaking at the consultation said that drinking water is a priority of the present government. He emphasised on price rationalisation mechanism for water conservation.

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## Development Partnership Administrators of BRICS Member States

In view of the BRICS Summit in India in October this year the Forum for Indian Development Cooperation (FIDC) along with the Ministry of External Affairs organised a two-day meeting of Development Partnership Administrators (DPAs)/equivalent of BRICS Member States in New Delhi on 6-7 August 2016. Mr. Dinkar Asthana, Joint Secretary (DPA-II), MEA delivered the Keynote Address. Mr. Hemendra K. Sharma, Director (DPA-II), MEA made the Opening Remarks. Prof. Anuradha Chenoy, Professor, School of International Studies, JNU and Chairperson, FIDC delivered the Special Address. Mr. S. K. Dudeja, Deputy Secretary (DP-1),



Participants at the Meeting of DPAs/Equivalent of BRICS Member States.

MEA extended the vote of thanks at the inaugural session.

Mr. Dinkar Asthana chaired the first session on 'Sharing of development cooperation experience among BRICS Member States'. Ms. Claudia Vieira Santos, Deputy Chief of Mission, Embassy of Brazil, New Delhi; Mr. Mikhail Ermolov, Deputy Director, Department of International Development and Cooperation, Russia; Mr. Hemendra K. Sharma, Director (DPA-II), MEA; Mr. Li Baijun, Economic and Commercial Counsellor, Embassy of People's Republic of China, New Delhi; Ms. Nathalie Vereen, National Treasure, South Africa and Ms. Dineo Mathlako, the Department of International Relations and Cooperation (DIRCO), South Africa made presentations.

A combined meeting of DPAs and FIDC on emerging global development architecture was co-chaired by Prof. Gulshan Sachdeva, JNU, and Member, FIDC Board and Mr. Dinkar Asthana. Dr. Kaustuv Bandyopadhyay, Director, PRIA made presentation on the evolution and working of FIDC. Prof. Sachin Chaturvedi, Director General, RIS; Convener, FIDC made presentation on FIDC's view on BRICS-led processes. Mr. Harsh Jaitli, Chief Executive Officer, VANI also made presentation on the similar theme.

Mr. Dinkar Asthana chaired the open discussion on how BRICS may promote effective development cooperation. The discussions elaborated on: imperatives for pursuing effective and complementary strategies in the

field of development cooperation by BRICS Member States; effectiveness of Development Cooperation; and ways and means for enlargement of cooperation in this field in line with national priorities of the partner countries, including the role of civil society organisations.

The Meeting also provided a forum for the BRICS DPAs to exchange ideas on key issues of global, national and sectoral significance in the field of development cooperation and share knowledge on best practices and the challenges to be met through policy actions in this area. The delegations of Brazil, Russia, China and South Africa expressed their sincere thanks to the Government of India for organising the meeting. ■

## Resolving Legal Ambiguity related to IPR and Access to Technology

With the recent policy decision on pricing of technology-intensive products in the agriculture sector, debate on access and IPR protection has emerged upfront for policymakers. In this context, RIS had organised a Roundtable Discussion on "IPR, Access to Technology and Policy Deliberations" in New Delhi on 4 June 2016. Representatives from the government, industry, academia, research organisations, civil society and media had actively participated in the discussions.

As a follow-up of this Roundtable, it was felt that there was a further need for an in-depth discussion on certain legal provisions in the Patents Act and PPV&FR Act. Keeping this in view, RIS organised the 'Roundtable Consultation on Resolving Legal Ambiguity related to IPR and Access to Technology in Agriculture Sector' in New Delhi on 27 July 2016. Prof. Sachin Chaturvedi, Director General, RIS made the Welcome Remarks. Dr. S. R. Rao, Adviser, DBT made Special Remarks.



Dr. S. R. Rao making Special Remarks at the consultation.

Those who presented their views at the roundtable included: Dr. R. R. Hanchinaal, Chairman, Protection of Plant Varieties & Farmers' Rights Authority (PPFRA); Dr. D. K. Srivastava, Asst. Commissioner (QC), Ministry of Agriculture Forestry and Water (MoA&FW), Dr. Malathi Lakshmikumaran, Director, Lakshmikumaran & Sridharan; Dr. Deepa K. Tikku, Partner, K&S Partners; Dr. Sudhir Kochhar, ARS (Retd.), Ex-ICAR, Independent IP Expert; Mr. Sunil Mathews, Senior Advocate; Mr. Essenese Obhan,

Patent Attorney; Mr. Abhishek Saket, Advocate; Dr. Anitha Ramanna Pathak, Asst. Professor, SP Jain School of Global Management, Mumbai; Dr. Yogesh Gokhale, Fellow, TERI; Dr. L. Pushpa Kumar, Asst. Professor, Nalanda University; Dr. Kshitijkumar Singh, Assistant Professor, Amity University, Prof. T. C. James, Visiting Fellow, RIS; Dr. T. P. Rajendran, Visiting Fellow, RIS; and Dr. K. Ravi Srinivas, Consultant, RIS. The consultation ended with closing remarks by Prof. Sachin Chaturvedi. ■

### BRICS Academic Forum

RIS and Observer Research Foundation (ORF) organised a four-day conference of BRICS Academic Forum in Goa, during 19 and 22 September 2016. Shri Laxmikant Parsekar, Hon'ble Chief Minister of Goa, inaugurated the conference. In his inaugural address, Shri Parsekar said that BRICS has gained assertive power as geo-economic collective and has emerged as leading force in the global economy. Thus, BRICS in future, has to play a pivotal role in international law, multilateral decision-making and strengthen representation of emerging and developing nations in the institutions of global governance which is presently very low. He also lauded the initiative of the BRICS to create a developmental bank which would cater to the needs of partner nations. The topic for the conference was Emerging Geo-Political Order: Challenges and Opportunities for BRICS.

Mr. Sunjoy Joshi, Director, Observer Research Foundation made the welcome and opening remarks. He suggested that the BRICS must strive to play an effective role in global management. The world, he said, is facing various challenges which BRICS has to respond with its experience and wisdom.

Mr. Samir Saran, Vice-President, Observer Research Foundation was the moderator. The session ended with closing remarks by Prof. Sachin Chaturvedi, Director General, RIS.

The Academic Forum deliberated on issues including Emerging Geo-Political Order: Challenges and Opportunities for BRICS; Opportunities and Challenges for BRICS in the Emerging Global Trade Architecture and the potential for Intra-BRICS Trade Expansion; International Finance and Technology Transfers to Developing and LDCs for Development; BRICS Partnership—Scripting a New Development Paradigm; Common



*Shri Laxmikant Parsekar, Hon'ble Chief Minister of Goa inaugurating the BRICS Academic Forum. Also seen in picture (from left to right) are Mr. Vladimir Davydov, Mr. Luis Fernando Lara Resende, Mr. Sunjoy Joshi, Mr. Samir Saran, Prof. Sachin Chaturvedi, Mr. Zhao Zhongxiu and Mr. John Pampallis.*

Health Challenges and Prospects for Cooperation among BRICS; BRICS Cooperation on Managing New Security Threats; Regulating the New Commons and Related Global Public Goods: A Vision from BRICS; Exchange of Views and Sharing of Experiences on Implementation of the SDGs; Future of Energy: Implications and Opportunities for BRICS; Gender, Development and Politics – Towards a New Leadership Vision from BRICS; Micro, Small and Medium Size Enterprises, and the Informal Sector – A BRICS Proposal for Growth; and the Future of BRICS.

Prof. Sachin Chaturvedi moderated the session on Exchange of Views and Sharing of Experiences on Implementation of the SDGs. He laid down a framework for access, equity and inclusion for Sustainable Development. He emphasised that the recently signed SDGs are going to define how our economies are going to work in the future. He recommended setting up of an institutional architecture for SDGs implementation. He also elaborated that Wellness Index is the way forward. In fact, the BRICS Wellness Index was proposed by RIS in the BRICS Wellness Workshop. Prof. S.K.

Mohanty, RIS made a comprehensive presentation on BRICS and global trade architecture.

The BRICS Academic Forum is a track-2 platform for academicians from the five countries to deliberate on issues of crucial importance to BRICS and come up with ideas and recommendations. Scholars from each member nation spoke on themes of importance. In addition, a large number of scholars from BRICS countries participated in the deliberations.

Hon'ble Governor of Goa, Smt. Mridula Sinha in her valedictory address said that the BRICS summit is yet another international forum that works for humanity. She mentioned that BRICS intensifies cooperation and linkages with other nations and thus annual events like this play a crucial role. Hon'ble Governor highlighted that under the visionary leadership of PM Narendra Modi, India is boosting trade and economic engagements. The rich knowledge and resources of BRICS countries make it possible to expand trade. She emphasised that BRICS nations are resource

houses to traditional arts and crafts and thus these should be considered in promoting trade between BRICS countries. She hoped that BRICS forum would help the BRICS nations to promote trade significantly. She also spoke about the importance of indigenous healthcare systems of BRICS countries which could help BRICS nations to meet the health challenges faced by them.

Talking about SDGs, she said that no nation can make sustainable progress without women's participation and when women are given the right educational opportunities, they become more committed to setting goals and achieving them.



Hon'ble Governor of Goa Smt. Mridula Sinha delivering the valedictory address.

Mr. Sunjoy Joshi, Director, ORF in his remarks also highlighted that the success of the SDGs is going to depend on BRICS success across

a range of sectors like education, health, etc. He also informed about setting up of BRICS digital archive as a starting point for the BRICS think-tank. ■

## India's Approach to Development Cooperation



Mr. Amar Sinha, Secretary (ER), Ministry of External Affairs launching the book *India's Approach to Development Cooperation* with Amb. Shyam Saran. Also seen in picture (from left to right) are Mr. Sagar Prasai, Country Representative, The Asia Foundation; Prof. S. K. Mohanty; Mr. Prabodh Saxena; Ms. Anthea Mulakala; Ms. Supriya Roychoudhury; Prof. Gulshan Sachdeva; and Prof. Sachin Chaturvedi.

Mr. Amar Sinha, Secretary (ER), Ministry of External Affairs released the book *India's Approach to Development Cooperation* co-edited by Ms. Anthea Mulakala, The Asia Foundation's Director for International Development Cooperation, and Prof. Sachin Chaturvedi, Director General, RIS, in New Delhi on 9 August 2016. The programme was organised by RIS in association with The Asia Foundation and FIDC.

Speaking on the occasion, Mr. Amar Sinha remarked that

"the book provides an intellectual framework, sets an overall context and captures everything that Indian development assistance has done." Amb. Shyam Saran, Chairman, RIS while making the Opening Remarks, echoed similar thoughts stating that "India's development assistance efforts are underestimated and this book raises the knowledge about Indian development assistance."

While giving an introduction about the book, Ms. Anthea Mulakala said that India has emerged as a key player in development cooperation

not only because of the increasing volume and reach of its South-South Cooperation, but more so because of its leadership in articulation of a distinctly Southern development discourse and knowledge generation. The book makes a valuable contribution to the literature on South-South Cooperation.

Prof. Sachin Chaturvedi highlighted that the development discourse based on growth during the 1960s and '70s was enriched with the adoption of the Declaration on the Right to Development in 1986,

which put human development at the centre stage. He also spoke about the development compact based on five main elements, viz. capacity building, grants, lines of credit, trade, and investment, giving the example of India's initiative at the WTO Ministerial in Hong Kong in 2005 in which India announced its decision to give Duty-Free Quota-Free (DFQF) for Least Developed Countries.

Regarding the issues arising over the global discourse on North-South and South-South development cooperation, Prof. Sachin Chaturvedi stressed that OECD terms for development cooperation cannot be simply implemented in South-South Cooperation. He also pointed out that convergence would only come if terms are acceptable for both.

Prof. S. K. Mohanty, RIS; Prof. Gulshan Sachdeva, JNU; Mr. Prabodh Saxena, Principal Secretary,

Government of Himachal Pradesh; and Ms. Supriya Roychoudhury, Emerging Powers Coordinator with Crisis Action, who are the contributing authors to the book, also discussed the relevance of a national aid agency to oversee India's development cooperation efforts and partner country perspectives.

The volume carries several insights and perspectives on various facets of India's growing development assistance programme from Indian policymakers, academicians, and global development practitioners. It traces and analyses the evolution of Indian development cooperation and highlights the significance of the Indian experiences, both for global development and in shaping Indian foreign policy and is aimed at academics, practitioners and decision-makers alike.

The book was also launched in the State Department by Mr. Taranjit S. Sandhu, Deputy Chief of Mission, Embassy of India in Washington D.C., US on 14 September 2016. It was followed by discussion by contributors. Ms. Barbara Smith, Deputy Assistant to the Administrator, USAID's Bureau of Policy, Planning and Learning was the moderator. Similarly, the book launch's function was also organised jointly by RIS, Canada-India Centre for Excellence, Carleton University and the Asia Foundation at Ottawa on 12 September 2016. Dr. Roseann Ronte, President and Vice-Chancellor, Carleton University and Mr. Vishnu Prakash, High Commissioner of India to Canada delivered welcome remarks. Mr. Arun Sahu, Deputy High Commissioner of India to Canada also took part in the panel discussion. ■

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'Ease of Doing Business' and state level regulatory constraints; and sectoral priorities and best practices in the context of the same.

Prof. Ramesh Chand, Member, NITI Aayog chaired the second session on 'Strategies of Better Inclusiveness for Sustainable Economic Growth'. Prof. Bina Agarwal, University of Manchester and Institute of Economic Growth; Ms. Renu Pillay, Principal Secretary, Government of Chattisgarh; Mr. Deepak Kapoor, Principal Secretary, Skill Development and Entrepreneurship, Government of Maharashtra; Prof. P. G. Chengappa, National Professor ICAR, Bangalore; and Dr. G. G. Koppa, Assistant FAO Representative (Programmes) were the panellists. The participants discussed the key issues including issues of agricultural income, productivity and regulation; diversification of economic opportunities both in rural and urban areas through skill development (with special focus on female labour force participation); technological

upgradation for livelihood protection recognising sustainability challenges; and sectoral priorities and best practices in the context of the same.

Dr. Sher Verick, Deputy Director (Decent Work) ILO South Asia chaired the third session on 'Employment Generation and Decent Work'. The panellists for this session were: Mrs. Sunita Sanghi, Adviser, NITI Aayog; Mrs. Kavyashree Mahanta, Joint Secretary (Labour and Employment), Government of Assam; Mr. S. K. G. Rahate, Principal Secretary (Labour, Employment, Training and Skill Development), Government of Jharkhand; Mr. Nomaan Majid, Senior Specialist (Employment Policy), ILO; Prof. Sandip Sarkar, Institute of Human Development; Prof. Saikat Sinha Roy, Jadavpur University; and Mr. Sushil Ramola, Managing Director, BASIX Academy for Building Lifelong Employability. They discussed key issues relating to opportunities for all with focus on regional balance; mainstreaming of gender issues;

physical disability; labour laws and quality of employment in the informal sector; and best practices and sectoral specificities in the context of the same.

Dr. V. K. Saraswat, Member, NITI Aayog chaired the fourth session on 'Small and Medium Enterprises and Informal Sector.' Panellist for this session were: Prof. S. K. Mohanty, RIS; Mr. Pranav Kumar, Head, Trade Policy, Confederation of Indian Industries (CII); Mr. Mukesh Gulati, Executive Director, Foundation for MSME Clusters; and Prof. B. N. Goldar, Professor and ICSSR National Fellow, Institute of Economic Growth; and Mr. Subrata Kumar Biswal, Planning Department, Government of Andhra Pradesh. The main issues taken up during the session included charting a green strategy for the SME sector - access to finance under sustainability norms; ease of doing business in the SME sector - clearances and support for survival; challenges and opportunities of Global Value Chains in the context of SMEs; and best practices and information gaps in reference to the same.



Mr. Amitabh Kant, CEO, NITI Aayog delivering Keynote Address. Also seen in picture (from left to right) are Prof. Sachin Chaturvedi, Amb. Shyam Saran, Mr. Yuri Afanasiev, and Dr. P. K. Anand

Prof. Bibek Debroy, Member, NITI Aayog chaired the first session on day two on 'Developing Sustainable and Resilient Infrastructure.' The panellist included Mr. Amarjeet Sinha, Secretary, The panDepartment of Rural Development; Mr. Manoj Singh, Advisor, NITI Aayog; Mr. Praveen Mehto, Advisor, NITI Aayog; Mr. Apurva Chandra, Principal Secretary (Industries), Government of Maharashtra; and Mr. P. Sampath Kumar, Resident Commissioner, Government of Meghalaya.

The session deliberated on issues including infrastructure financing and public-private partnerships; quality, sustainability and resilience; and rural infrastructure and issues of affordability and access (last mile and last person connectivity). Prof. Bibek Debroy in his address highlighted that the present government's focus is on infrastructure especially physical infrastructure for improved connectivity. It was emphasised that if infrastructure is to be truly sustainable, we need to understand what resilient infrastructure looks like, and there is need to compare infrastructure designs and systems to achieve the most resilient outcome.

It was felt that infrastructure projects need huge investment and thus policies should be formulated

to attract private investors in these projects and PPP is a successful model for this. If infrastructure improves, the connectivity will improve thereby bringing in increase in trade. This eventually results in higher GDP and thus will lead to poverty elimination which is at the heart of the SDGs.

Prof. Rathin Roy, Director, National Institute of Public Finance and Policy (NIPFP) chaired the session on 'Green Financing and Green Accounting.' Dr. P. K. Anand, Mr. Krishna Kumar, Deputy Director General, Ministry of Statistics and Programme Implementation (MOSPI); Dr. Chandra Bhushan, Deputy Director General, CSE; and Dr. Divya Dutt, Fellow & Associate Director, The Energy and Resources Institute (TERI) were the panellists. The session took for discussion issues such as green national accounting; challenges and solutions; financial markets and India's need of green finance; and new sources and instruments of green finance.

Dr. C. Muralikrishna Kumar, Senior Advisor, NITI Aayog chaired the session on 'Innovation for Sustainable Industrialisation and Development.' Panellist for this session were: Dr. Ashwani Gupta, Department of Scientific and Industrial Research; Dr. Jatinder Kaur

Arora, Executive Director (Science & Technology), Government of Punjab; Ms. Michiko Enomoto, Head, Asia-Pacific Centre for Transfer of Technology (APCTT); and Mr. Raghvendra Saha, Senior Advisor, Confederation of Indian Industries (CII). The session covered issues including technology gaps and needs for sustainable industrialisation; sustainability oriented scientific research for development - health, agriculture, urban development; and international technology regimes and India's response in this context.

Prof. T. C. A. Anant, Secretary, MOSPI made special remarks at the valedictory session. In his address, he highlighted that SDGs are enormous opportunity for us. Comprehensive articulation of growth and development inherent in them represent global consensus. He added that we have fairly complex and interconnected challenges, as there is need to devise the right kind of policies to meet challenges that we are facing in India. Policy needs to have clearly measurable outcomes. He concluded by saying that these discussions are beginning of a process of what we are going to do in next 15 years.

Amb. Shyam Saran, Mr. Yuri Afanasiev and Prof. Sachin Chaturvedi, also addressed the Valedictory Session. ■

### Developing Guidelines and Methodologies for Socio-Economic Assessment of Living Modified Organisms (LMOs)

RIS, in association with the Ministry of Environment, Forest and Climate Change (MoEF&CC), organised the final workshop of the project on Developing Guidelines and Methodologies for Socio-Economic Assessment of Living Modified Organisms in New Delhi on 24 August 2016. Prof. Sachin Chaturvedi, Director General, RIS made the Welcome Remarks. Mr. Gyanesh Bharti, Joint Secretary and National Project Coordinator (NPC), MoEF&CC made special remarks. Dr. S.R. Rao, Adviser, Department of Biotechnology made expert remarks. Dr. Amita Prasad, Additional Secretary, MoEF&CC delivered the Keynote Address.

On this occasion the Report titled *“Developing Guidelines and Methodologies for Socio-Economic Assessment of LMOs”* was also presented. Dr. Amita Prasad while delivering keynote address stated that this Report would serve as framework document for socio-economic assessment of genetically modified (GM) crops. GM crops may be approved only after socio-economic impact assessment are done as there are concerns among the farmers and consumers regarding these crops” India is the first country to have come out with such framework document. Many countries have expressed their desire to have the similar framework which would surely be shared by India with them and this document would be presented in the COP-MOP that is to take place in December in Mexico, she added.

Mr. Gyanesh Bharti while making special remarks said that the project has studied extensively five important aspects, viz. economic, social, cultural, health and environment which have been very well documented in the Report.



*Dr. Amita Prasad delivering keynote address. Also seen in picture (from left to right) are Prof. Sachin Chaturvedi, Mr. Gyanesh Bharti, and Dr. S.R. Rao.*

He also emphasised that India would be leader after implementation of the framework in giving effect to Article 26 of CPB.

Dr. S.R. Rao in his expert remarks said that there is need to communicate clearly the importance of GM, as safety and efficacy are on one side of GM crops and effectiveness on the other. The Report also shares the same view.

Prof. Sachin Chaturvedi, in his remarks, informed the participants that GM technologies have been on radar of RIS since 1988. This project is a big step in that direction. Keeping sustainability issue in mind, the Report has tried to capture the detailed analysis of the impacts of GM crops. This framework would surely make assessment of GM in all aspects. He informed that the Report comprises three deliverables, viz. tools and methodologies for socio-economic assessment; a model questionnaire for socio-economic assessment; and a framework for cost-benefit analysis along with guidance document.

Dr. Ranjini Warriar, former Adviser, MoEF&CC and Co-chair, CBD Ad Hoc Technical Expert Group on SECs complimented RIS for completing the project well on time and for the exhaustive efforts put in to come up with such well researched document. She informed that when the project was started there was no data or information on socio-economic assessment of GM crops and mainly it was all about Bt-cotton. Later on modifications were made and aerobic rice, bt-brinjal, mustard and other crops were also included in the study for socio-economic impact assessment.

The Report has been prepared by the consortium of seven expert institutes of the country including: RIS; Gujarat Institute of Development Research (GIDR); Indian Agricultural Research Institute (IARI); National Academy of Agricultural Research Management (NAARM); Institute for Social and Economic Change (ISEC); Tamil Nadu Agricultural University (TNAU); and University of Agricultural Sciences (UAS).

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### Technology Facilitation Mechanism for SDGs

India along with key partner countries has championed the negotiations under the 2030 Agenda for Sustainable Development to launch a global Technology Facilitation Mechanism (TFM) under the aegis of the UN. The TFM is meant to support implementation of the newly introduced Sustainable Development Goals (SDGs). Therefore, it may be pertinent to explore possible mechanisms and modalities for operationalising the TFM. With this objective, RIS convened a Consultation Meeting on the subject in New Delhi on 30 August 2016. Amb. Shyam Saran, Chairman, RIS presided over the meeting. Prof. Sachin Chaturvedi, Director General, RIS made the welcome remarks.

Amb. Shyam Saran in his remarks pointed out that most of the UN agencies are funded by Western countries, hence there was a greater need to focus on our interests and influence the policies accordingly. He further stressed on the need to work out finances and proposed mechanism aimed at purchase of certain technology, capacity building, establishment of a graduate system wherein the developed nations provide access to technology to developing nations in exchange of some amount and further these technologies are provided to least developing nations at nil prices. This process would help in making technology available to global public. He further elaborated on India's role, needs and the SDG goals and challenges. He called for a conceptual framework, interconnected domains and creation of a platform using internet based mechanism. He also talked about issues pertaining to use of innovation in various countries, adaptation and replications.



*Participants at the consultation meeting.*

Ms. Sujata Mehta, Secretary (West), Ministry of External Affairs, Government of India while making special remarks said that achievement of SDG targets requires input of technology. Hence, the goal of international cooperation should be oriented towards a mechanism to bring technology home. Different sources of funding among developing countries must be outlined and they must be mobilised within the public domain. She also mentioned that if this process goes under UN, it will be extra budgetary.

Dr. Baldev Raj, Director, National Institute of Advanced Studies, Bangalore elaborated on India's decision to play leadership role pertaining to mechanism building and best solutions. He called for a robust internal mechanism since there is ample scope in this country. According to Dr. Baldev Raj, failure in mechanism leads to problems, leading to a phase wherein we are advanced in some stage and developing in some stage. He called for taking up leadership roles rather than waiting for others.

Mrs. Sadhana Relia, Head, International Cooperation (Multilateral / Regional), Department of Science and Technology focussed on SMEs and start-ups as a potential area for generating finances. She proposed policies to look at the needs of SMEs. According to Dr. Sadhana Relia, we must not rely solely on UN, but should look at the various venture capital options that can generate money. She cited the Malaria experience of the ASEAN countries to make a point that similar successful enterprises throughout the globe can be replicated in India.

While addressing the technology mobilisation issue, Dr. Ajay Mathur, Director General, The Energy and Resources Institute focussed on the design that called for group of interested countries/companies to create alliance of mutual interest. He called for adaptation to be facilitated and policies for outreach programme. He also raised the pertinent questions as to how one can ensure that large scale deployment mechanism move from country to country and how one can make this expertise available to third world

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### Strengthening India-Nepal Development Cooperation

Since time immemorial India and Nepal have shared strong geographical, historical, cultural, social and economic ties. Of late, these ancient linkages are facing new challenges that need to be addressed by all those are involved in the process of strengthening and deepening India-Nepal relations at all levels.

A delegation from the Parliamentary Committee for Development, Legislature Parliament of Nepal visited India for interacting with academicians, experts and diplomats. RIS, jointly with the *Antar Rashtriya Sahayog Parishad-Bharat* (Indian Council for International Co-operation), organised an interactive session with members of the delegation in New Delhi on 10 July 2016. The consultation meant to explore how we can strengthen India-Nepal relations and how to move forward on issues related to India-Nepal development cooperation. The consultation also aimed to explore developmental challenges faced by Nepal and how India can help in meeting them.

Prof. Sachin Chaturvedi, Director General, RIS and Mr. Shyam Parande, Secretary, *Antar Rashtriya Sahayog Parishad-Bharat* (Indian Council for International Co-operation) made Welcome Remarks. Amb. Shyam Saran, Chairman, RIS made Special Remarks. Hon'ble Rabindra Adhikari, Chairperson, Parliamentary Committee on Development, Legislature Parliament of Nepal made statement.

Amb. Shyam Saran giving a brief overview of India's development cooperation mentioned how it evolved over the years. He mentioned that Nepal has had a central role in evolution of India's development cooperation policy mainly because Nepal was the first country which



*Hon'ble Rabindra Adhikari speaking at the consultation. Also seen in picture (from left to right) are Prof. Sachin Chaturvedi, Amb. Shyam Saran and Mr. Shyam Parande.*

independent India reached out to in terms of establishing development cooperation and the experiences gained from Nepal, either positive or negative, have helped in framing of our overall development cooperation. He mentioned that right from independence, India has believed that developing countries have lot to share among themselves to face the challenges confronted by them and in this regard India has engaged with Nepal whether it is in hydro-electric plants, building of airports or in education. This reflects the Indian philosophy of development cooperation that India has responsibility for development of its neighbouring countries. He mentioned that capacity building is one of the major components of India's development cooperation policy. Small development projects are new features of India-Nepal development relations and in view of the post-earthquake development challenges these have become very important due to their timely delivery.

Prof. Sachin Chaturvedi in his Welcome Remarks said that South-South Cooperation has emerged as major modality in terms of our engagement with different countries

and different partners. Nepal has distinct relationship right from early years of independence.

Mr. Shyam Parande said that historical and cultural relations bind India and Nepal together. As a matter of fact, though these are two nations, soul is one and that's where relationship tells everything. Such a very special relationship is seen nowhere in the world. India is open to people from Nepal even in armed forces. There is no border as such, it is open border and this relationship will continue in the future too with renewed strength. He also mentioned that *Antar Rashtriya Sahayog Parishad* has been engaged with Nepal for long in times of any need.

Hon'ble Rabindra Adhikari said, "An open dialogue between us can help us move forward. India has since long taken up small and big size projects in Nepal. So far we have been talking more about political cooperation and how India supported us in our advancement in democracy. Now the time has come to focus more on the economic aspect. The traditional relations should now lead to development partnership. With this in mind we formed this development committee." He

added, "Two years ago, Prime Minister Narendra Modi visited Nepalese Parliament and gave a very impressive speech. His message was that along with political development we have to focus on economic aspect and connectivity. We are inspired by that and are working on this." He also added that for centuries, economic partnership between India and Nepal has evolved and India is most important trade partner for Nepal.

He underlined that the purpose of this visit is to learn from India,

how it managed after effects of Gujarat earthquake and capacity building in disaster management as Nepal is disaster prone country. The second purpose is to find out how to complete development projects in time which is not taking place in Nepal at this time. He hoped to learn from India's development cooperation projects in terms of FDI and look forward to more such deliberations.

Member of delegation included: Hon'ble Rabindra Adhikari; Hon'ble

Ajay Shankar Nayak; Hon'ble Anita Devkota; Hon'ble Ranjana Kumari Sarkar; Hon'ble Karna Bahadur BK; Hon'ble Baijanath Chaudhari (Tharu); Hon'ble Sita Devi Yadav; Hon'ble Tulasa Rana; Hon'ble Ishtiyak Ahmed Khan; Hon'ble Prem Bahadur Ale; Hon'ble Janardan Dhakal; Hon'ble Jiwan Bahadur Shahi; Hon'ble Mahendra Yadav; Hon'ble Kalpana Chaudhari; Hon'ble Rajendra Amatyia; Mr. Ghanindra Raj Chimauryia; Mr. Shiva Dutta Baral and Mrs. Dipa Kumari Dulal. ■

## Prelude to International BRICS Meeting

FIDC, in association with Voluntary Action Network India (VANI) and Heinrich Böll Stiftung (India), organised the Prelude to the International BRICS Meeting in New Delhi on 30 September and 1 October 2016. The main objective of this meeting was to create and organise a collaborative space (with government) for smooth functioning of civil society in the context of BRICS framework. The meeting also discussed as to how to make an effective civil society organisation in the context of current challenging environment (regulatory reforms, shrinking resources and capacity building of CSO's) and potential resource exchange among BRICS countries, etc. Mr. Harsh Jaitli, CEO, VANI; Dr. Axel Harnett-Sievers, Director, India Office, Heinrich Böll Foundation; Prof. Sachin Chaturvedi, Director General, RIS; Prof. Anuradha Chenoy, School of International Studies, JNU and FIDC Chair; and Mr. Mathew Cherian, Chief Executive, Helpage India and VANI's Chair spoke about the relevance of BRICS thematic agenda to the Civil Society.



*Dr. Axel Harnett-Sievers speaking at the meeting. Also seen in the picture from (left to right) are Mr. Harsh Jaitli, Prof. Sachin Chaturvedi, Prof. Anuradha Chenoy, and Mr. Mathew Cherian.*

Country presentations on key issues from the civil society were made by Mr. Adhemar Mineiro, REBRIP - RedeBrasileirapelaIntegração dos Povos (Brazilian Network for People's Integration), Brazil; Dr. Jyotsna Mohan, VANI, India; Ms. Elena Topoleva Soldunova, The Agency for Social Information, Russia; Mr. Muhammad Ibrahim, Federation of NGOs in Bangladesh (FNB), Bangladesh; Mr. Zhao Daxing, China Association for NGO Cooperation, China; Mr. Sheldon

Gracon Magardie, South Africa; and Mr. Krishna Gautam, NGO Federation of Nepal.

BRICS thematic issues, including financial reforms, poverty and inequality, agriculture and food security were also discussed. The meeting also had a session on monitoring of New Development Bank. Issues of aid flow in SSC framework and India's grants and investments in Africa; and gender mainstreaming in BRICS were also taken up for discussion during the meeting. ■

*Towards BRICS Wellness Index  
continued from page 3...*



*Shri Ananth Kumar, Hon'ble Minister of Chemicals and Fertilisers, Government of India delivering inaugural address at the BRICS Wellness Workshop.*

standardisation of bio-resources'. Prof. S. K. Mohanty, RIS; Dr. André de Mello e Souza, Institute for Applied Economic Research (IPEA); and Prof. Rasigan Maharajh, South Africa were the panellists.

Prof. Bhushan Patwardhan, Interdisciplinary School of Health Sciences, Savitribai Phule Pune University; and Mr. Zhu Haidong co-chaired the fourth session on 'Wellness and SDGs: Nutrition and Health; Access and Implementation.' Dr. Nandini K. Kumar, former Deputy Director General, ICMR; Dr. Amanda Gcabashe; and Dr. Anita Karilio Arkas participated in the discussions.

Mr. Naveen Raj Singh, Secretary Tourism, Government of Karnataka and Dr. André de Mello e Souza co-chaired the fifth session on 'Wellness and Medical Tourism.' Dr. Isaac Mathai, SOUKYA; Dr. C. K. Katiyar, CEO, Emami Group of Companies, Kolkata; Mr. Jose Dominic, MD & CEO of CGH Earth, CGH Group of Hotels; and Mr. K. V. Ramesh, MD, Kairali Ayurvedic Group took part in discussions.

Mr. Jitendra Sharma, Principal Chief Conservator of Forest, Punjab chaired the sixth session on 'WHO Strategy for Traditional medicine.' Dr. Zhang Qi, Coordinator,

Traditional Medicine, World Health Organisation, Geneva presented an overview of WHO Strategy. Prof. James Campbell; Prof. Huo Junsheng, Director of Department of Food Science and Technology, National Institute for Nutrition and Health, Chinese Center for Disease Control and Prevention; Mrs. O.M. Drapkina, First Deputy Director on Scientific and Medical Work of the National Research Center for Preventive Medicine, Ministry of Health, Russian Federation; Prof. Sukhdev Swami Handa; Prof. Raisur Rahman, Adviser, Unani, Ministry of AYUSH; Dr. Manoj Nesari, Adviser (Ayurveda), Ministry of AYUSH; Mr. Arvind Varchaswi, Trustee, Sri Sri Ayurveda Trust were the panellists.

The two-day workshop ended with valedictory session chaired by Mr. Anil Kumar Ganeriwala. Dr. André de Mello e Souza; Zhu Haidong; Mr. O. O. Salagai; and Prof. James Campbell made remarks. Prof. T.C. James, Visiting Fellow, RIS extended the vote of thanks. Over 150 delegates from Brazil, Russia, India, China, and South Africa (BRICS) participated in the workshop. ■



*Sri Sri Ravi Shankar speaking at the BRICS Wellness Workshop.*

### Indian Think-Tank Dialogue on Rising Powers

On the sidelines of BRICS Academic Forum, RIS and ORF organised the Indian Think-Tank Dialogue on Rising Powers in Goa on 18-19 September 2016 in partnership with American Centre, Centre for Rising Powers and Global Development (CRPD); Economic Policy Forum (EPF), German Cooperation, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Emerging Market Sustainability Dialogues (EMS). Mr. Sunjoy Joshi, Director, Observer Research Foundation and Prof. Sachin Chaturvedi, Director General, RIS delivered the welcome address. Mr. Samir Saran, Vice-President, Observer Research Foundation was the moderator.

Through the prism of trade, development, security and sustainability, the dialogue deliberated upon rising significance



*Prof. Sachin Chaturvedi speaking about the role of think tanks at the dialogue.*

of Internet for developing economies. Two central global trends were explored: firstly, how policy think-tanks from emerging economies are transforming from rule-takers to rule-makers; and secondly, how the digital space is raising larger global governance questions. The sessions deliberated on issues including emerging economies, geo-economics, and global governance; the digital

economy; global security landscape; financing sustainable development; completing the 20th century projects: energy, connectivity, and infrastructure in emerging economies. Prof. Sachin Chaturvedi highlighted the role of emerging economy think-tanks in shaping the global development and made the closing remarks. Mr. Sunjoy Joshi also addressed the closing session. ■

### Booms, Crises and Recoveries



*Dr. Sweta C. Saxena, Senior Economist, Research Department, IMF, Washington D. C. speaking at the panel discussion.*

The global economy has been characterised by shocks, turbulence and volatilities for quite some time. There have been phases of crises in different parts of the world interspersed with recoveries and in some cases even economic booms. It is also noticeable that what originates in the financial markets often have important impacts in the

real economy. The converse is also true. With a view to understand these issues so that adequate policy responses could be evolved, RIS organised a panel discussion on 'Booms, Crises and Recoveries' in New Delhi on 7 July 2016. Prof. Sachin Chaturvedi, Director General, RIS made the Welcome Remarks.

Prof. Rathin Roy, Director, National Institute of Public Finance and Policy (NIPFP), New Delhi chaired the session. The distinguished panellists included: Dr. Sweta C. Saxena, Senior Economist, Research Department, IMF, Washington D. C.; Mr. Subhomoy Bhattacharjee, Consulting Editor, *Business Standard*; and Prof. Ram Upendra Das, RIS. ■

*Sustainable Management of Water and Sanitation for All continued from page 4...*



Prof. Sachin Chaturvedi delivering opening remarks at the consultation. Also seen in picture (from left to right) are Mr. Parameswaran Iyer, Mr. Yuri Afanasiev, and Dr. P.K. Anand.

Mr. Yuri Afanasiev, UN Resident Coordinator, India while making welcome remarks said, “Food, fuel and water are three elements that define our survival and security. The population is growing and we are over using our resources, but water management and recycling are lagging behind. Over two million tonnes of human waste is dumped in water resources globally. There is conflict and competition over water.” While mentioning that India has achieved MDG target, he said SDG targets are much more ambitious and thus there is need for combination for big steps – policies – and small steps – people’s participation to meet SDGs. He also underlined, “India is a net exporter of virtual water and is in the club of US, Canada and Argentina. Thus, there is need for policy intervention.”

Prof. Sachin Chaturvedi, Director General, RIS highlighted: “Water is a great challenge and thus it is crucial as to how we develop our national agenda. There is need for technological solutions as there are cross domain as well as cross-border linkages among the SDGs that require holistic approach. There is sectoral concern too as to how we

use water in agriculture, industry, energy production and for human supply.” He also emphasised on deriving lessons from traditional methods of water conservation.

Dr. V. K. Saraswat, Member, NITI Aayog chaired the first session of the consultation on ‘Drinking Water Contamination and Technological Solutions.’ In his remarks, he pointed to the fact that water demand in India would increase to around 1200 billion cubic meter by 2050. India is bound to face severe water scarcity, thus there is need for proper planning, management and technological use. He added that there is need to introspect if we are harnessing all the technology. Mr. N. C. Saxena, Adviser, UNDP; Mr. Ajoy Kumar Sinha, Secretary (Water Supply & Sanitation), Government of Punjab; Mr. Animesh Bhattacharya, Director, Water and Sanitation Support Organisation, Government of West Bengal; Dr. Mamata Dash, Manager, Water Aid; Mr. Amitangshu Acharya, Development Professional and Columnist; and Mr. Manish Wasuja, UNICEF India, were the panellists.

Dr. Bindeshwar Pathak, Founder, Sulabh Sanitation and

Social Reform Movement chaired the second session on ‘Sanitation Infrastructure and Best Practices’. He shared his rich experiences and said that Sulabh movement is making an all-out effort to realise the dreams of Mahatma Gandhi and Prime Minister Narendra Modi. He also mentioned: “We are making efforts to build a broad alliance of politicians, corporations, NGOs and civil societies to spread awareness on the *Swachh Bharat* to evolve it into people’s movement and turn the vision of Open Defecation Free (ODF) India into reality. Dr. Ashok Kumar Jain, Adviser (RD), NITI Aayog; Mr. Frank Odhiambo, UNICEF India; Dr. M. Geetha, Director, *Swachh Bharat Mission*, Government of Chhattisgarh; and Mr. Jai Prakash Dwivedi, Chief Engineer, Government of Uttar Pradesh were the panellists.

Mr. Shyam Bahadur Khadka, FAO Representative, India chaired the third session on ‘Efficient Water Use for Agriculture and Industry’. The panellists were: Mr. Jitendra Kumar, Advisor, NITI Aayog; Mr. S. Masood Hussain, Director General, National Water Development Agency; Mr. R. S. Julaniya, Additional Chief Secretary, Government of Madhya Pradesh; and Dr. Upendra Kulkarni, Chairman, Indian Water Works Association, Aurangabad.

Dr. P. K. Anand, chaired the fourth session on ‘Preserving Water Ecosystems.’ Mr. Rakesh Singh, Principal Secretary, Government of Karnataka; Prof. A. L. Ramanathan, School of Environmental Sciences, Jawaharlal Nehru University; Mr. G. Padmanabhan, Emergency Analyst, UNDP India; Mr. Jitendra Kumar, Advisor, NITI Aayog; and Mr. Dhimant Vyas, Technical Adviser (Water Supply), Government of Gujarat were the panellists. The consultation ended with closing remarks by Mr. Yuri Afanasiev and Dr. P. K. Anand. ■

### India-Japan Cooperation in Technology and Investment

A Japanese delegation visited RIS on 29 August 2016 to discuss the potential and constraints of auto sector and to scale up the India-Japan cooperation in terms of investment, technology and various related issues.

Prof. Sachin Chaturvedi, Director General, RIS welcomed the delegation which was lead by Dr. Tetsuji Kawamura, former Dean of the Graduate School of Economics, Hosei University and Professor Toshiyuki Baba, Department of International Economics, Hosei University/Graduate University.

The other members of the delegation included: Dr. Miwa Tanaka, Researcher, Institute of International Business and Management; Dr. Shinya Orihashi, Professor of Business Administration, Tohoku Gakuin University; Prof. Etsujirou Yokota, Nippon Institute



Members of the Japanese delegation interacting with Prof. Sachin Chaturvedi and Prof. Ram Upendra Das at RIS.

of Technology; Dr. Motoyoshi Sono (Yuan Zhijia), Faculty of Economics, Rissho University; Prof. (Dr.) Tatsuhiko Aizawa, Shibaura Institute of Technology; Dr. Yasuhiko Kawabe, Program Director, Business Management Department, Business Head Quarter, Humanity and Technology, Univance Corporation; Dr. Etsujiro Yokota, Academic Coordinator, Japan Die and Mold

Industry Association; Dr. Tomoya Kanemura, Professor, Matsumoto University; Dr. Yasuhiko Kawabe, NPO Asian Die and Mold Forum Director, Hosei University; and Dr. Koji Serita, Faculty of Economics, Rissho University. From RIS Prof. Sachin Chaturvedi, Director General and Prof. Ram Upendra Das interacted with the delegation. ■

*Developing Guidelines and Methodologies for Socio-Economic Assessment of Living... continued from page 10...*

The study finds that farmers want improved crop varieties in different crops and are willing to pay more for seed provided that the crop would increase their profitability. In Raichur, farmers were willing to pay more than 50 per cent for varieties with better productivity. Many farmers feel that GM crops can be useful and drought resistant as well as flood resistant crops should be developed. GM crops are profitable as they reduce use of pesticides and insecticides and also result in better yields. Less use of chemicals also has a positive effect on environment by increasing soil fertility as well as quality of groundwater. The RIS Report makes a detailed presentation of costs and perception of farmers on GM crops.

Given the complexity of understanding socio-economic

implications and the non-availability of extensive data, RIS Report is an earnest attempt to understand and deal with this important issue in a holistic way. It will definitely serve as a useful reference point for policymakers and regulators.

The workshop had presentations on State Surveys covering tools, methodologies and key findings by experts. Dr. R. N. Padaria, IARI, New Delhi; Prof. N. Lalitha, GIDR, Ahmedabad; Dr. A.V. Manjunath, ISEC, Bangalore; Prof. K.R.Ashok, TNAU, Coimbatore; and Dr. K. Srinivas, NAARM, Hyderabad made presentations. Prof. T. P. Rajendran, Visiting Fellow, RIS; Dr. Ravi Khetarpal, Regional Adviser-South Asia, CABI; Prof. E. Haribabu, former Pro VC, HCU and Adjunct Senior Fellow, RIS; and Dr. Alka

Singh, Professor, IARI, New Delhi were the discussants.

Prof. P. G. Chengappa, National ICAR Professor, ISEC and Prof. Sangeeta Bansal, Professor, JNU co-chaired the first session. Prof. Vasant P. Gandhi, NABARD Chair Professor, IIM-Ahmedabad and Dr. Ranjini Warriar co-chaired the second session.

The workshop ended with closing remarks by chair Dr. T. Haque, Chairman, Expert Group on Land Leasing, NITI Aayog and Distinguished Faculty, CSD. Prof. Sachin Chaturvedi presented the report of the workshop. Dr. Ranjini Warriar, Prof. P. G. Chengappa, National ICAR Professor, ISEC also addressed the concluding session. Dr. K. Ravi Srinivas, Consultant, RIS extended the vote of thanks. ■

countries. While stressing on the potential function of TFM, Dr. Ajay Mathur recommended support to SMEs, enabling adaptation by service provider and information exchange on deployment. He also addressed the issue of finding the right partner and finances. According to Dr. Ajay Mathur, the key issue is to have IT-enabled platform. North-South-South partnership was put across as ideal for TFM.

Prof. Sachin Chaturvedi providing perspective from multi-stakeholders stated that the decision to regionalise was taken at the STI Forum. Each area funded by UN has to develop its own technology specific requirements. Therefore regional offices should be strengthened. He further elaborated on the challenge to connect technology banks and the regional UN institutions to bring convergence when SDG is a major challenge. He called for mechanisms that would collate these agencies. He cited the example of APCCT working at regional level to integrate technology needs.

The consultation had open discussion. Ms. Michiko Enomoto, Head, Asian Pacific Centre for Transfer of Technology, UNESCAP highlighted the endeavours that have been undertaken for technology development, transfer and sharing in the form of online technology interface and exchange portals. She elaborated on the facilitation provisions and capacity building in the Pacific areas. However, the limitations of finance and need for investment were again put across as a hurdle.

Dr. P.K. Anand, Consultant, NITI Aayog contributed to the talk by putting across an alternate process of funding within international cooperation. He proposed donations from developed nations to be directed towards ODA. He stated that technology is not a product and initially a price has to be paid in order to acquire it and only then it can be shared with least developed countries. According to Dr. Anand, the aim to make technology public across globe should be accompanied by certain economic benefits by the country. Since funding is related to IPR, therefore in case India buys a technology it should get it licensed and then manufacture it and further send it to least developed nations like Africa in exchange of some amount. He proposed Direct Benefit Transfer mechanism for the same.

Prof. Pranav N. Desai, JNU highlighted the fact that technology does not merely comprise hardware; it also includes human resources and training. He stated that there has been no emphasis on the equipment and training. There is a need to upgrade technology as well. He called for attention to the voluntary budget provided by the UN. Another important aspect raised was the need to decentralise decisions at regional level pertaining to the fact that different regions have different problems. He also called for technology assessment and focus on perpetual problems while stressing on the need for choice assertion by developing nations when buying technology.

Prof. K.J. Joseph, Centre for Development Studies, Thiruvananthapuram, Kerala

provided a distinct perspective on the whole issue and highlighted the fact that innovation deviates from understanding technology as a linear process. Instead of technology facilitation, concentration should be on innovation facilitation mechanism. Innovation was put across as a key especially in global competitiveness and for growth. However, innovation is not inclusive. He further emphasised on the potential within South-South Cooperation especially when it comes to ICT. He called for decentralisation in terms of sectors and the role India can play to build innovation platform and the need to go beyond the bank.

Amb. Bhaskar Balakrishnan stressed on the role of business community, strong national mechanism and presence of expert groups. He suggested building up capacity in developing countries in order to aid technology transfer to least developed nations.

Dr. Sabyasachi Saha, Assistant Professor, RIS in his presentation provided insights pertaining to the role played by India to collaborate like-minded countries for catalysing technology transfer and sharing of knowledge for larger benefit. While elaborating on the financial constraints in executing the technology enterprise, the presentation proposed a three-tier model.

Policies to take TFM forward and to create innovative ways for commercial advantages were highlighted in the consultation. While adding pragmatism to SDGs and aiming for multilateral collaborations, sharing of experience was considered essential. ■

### India-Bangladesh Cooperation

A Bangladeshi delegation of Hon'ble Members of Parliament led by Mr. Fakhrul Imam visited RIS for an interactive session with faculty on India-Bangladesh Cooperation on 3 August 2016.

Amb. Shyam Saran, Chairman, RIS delivered special remarks highlighting the importance of India-Bangladesh Cooperation. Prof. Sachin Chaturvedi, Director General, RIS welcomed the delegation and spoke about Bangladesh's importance in India's cooperation programme. The other Hon'ble members included: Mr. Ziauddin Ahmed (Bablu), MP Chittagong; Advocate Md. Altaf Ali, MP Bogra-2; Mr. Pir Fazlur Rahman, MP; Mr. Md. Amir Hossain Bhuiyan, MP and Shri Nurul Islam Milon.



*Hon'ble Members of Parliament from Bangladesh at RIS.*

From RIS, Prof. T. C. James, Visiting Fellow; Prof. Milindo Chakrabarti, Visiting Fellow; Dr. Beena Pandey, Research Associate; Dr. Sabyasachi Saha, Assistant Professor; and Dr. Priyadarshi Dash, Research Associate also participated

in the interactive session with the delegation. Dr. Joyeeta Bhattacharjee, Fellow, South Asia Programme, Observer Research Foundation (ORF) and Ms. Sabah Ishtiaq, Research Assistant, ORF were also present on this occasion. ■

### Role of Private Sector in South-South and Development Cooperation

RIS, in association with The Asia Foundation, Korea Development Institute (KDI), and Voluntary Action Network India (VANI), organised a two-day Conference on "Partners in Asian Development Cooperation: the Role of the Private Sector" in New Delhi on 10-11 August 2016. The conference aimed at discussing different facets of the role of private sector engagements in South-South and development cooperation.

The conference started with Welcome Remarks by

Amb. Shyam Saran, Chairman, RIS; Dr. Taejong Kim, Managing Director, KDI School of Public Policy and Management, Korea Development Institute (KDI); Dr. Gordon Hein, Senior Vice President, The Asia Foundation; and Mr. Harsh Jaitli, CEO, Voluntary Action Network India. The participants deliberated on issues related to the role of private sector engagement in South-South and development cooperation; private sector approaches to South-South and development cooperation; innovative approaches from India; and new frontiers in private sector

partnerships for development. The conference concluded with closing remarks by Prof. Sachin Chaturvedi, Director General, RIS; Dr. Taejong Kim; Dr. Gordon Hein and Mr. Harsh Jaitli.

A large number of eminent academicians, scholars, subject experts from major research institutions, foreign diplomats, high ranking serving and retired government officials, representations from industry and media from India and abroad participated in the conference. ■



*Amb. Shyam Saran, Chairman, RIS and Prof. Sachin Chaturvedi, Director General, RIS with participants of the Asian Approaches to Development Cooperation (AADC) dialogue.*

### Prof. Sachin Chaturvedi

#### Director General

- Participated in the Second Meeting of Local Project Advisory Committee (LPAC) for the DST sponsored project on “Emerging and Contemporary R&D and Innovation Indicators in National S&T System and Policy Implications – A Comprehensive Study”, organised by the IIFT in New Delhi on 1 July 2016.
- Participated in the India’s BRICS Summit-Media Outreach, organised by the Ministry of External Affairs, Government of India in New Delhi on 4 July 2016.
- Participated in the High Level Policy Dialogue on ‘Promoting Inclusive, Quality and Job-Rich Economic Growth’, organised by the Ministry of Labour and Employment, Government of India in New Delhi on 7 July 2016.
- Participated in the National Seminar on “India and the Ocean Economy”, organised by the Indian Council of World Affairs in New Delhi on 11 July 2016.
- Participated in the First Meeting of the Planning Committee of the ICMR-MEA India-Africa Health Sciences Summit organised by the Indian Council of Medical Research (ICMR) in New Delhi on 12 July 2016.
- Made a presentation on “South-South Cooperation: Genesis and Evolution” at the session on ‘Partnerships for Sustainable Development’, focussing on South-South Cooperation and organised by the International Labour Organisation in New Delhi on 13 July 2016.
- Panellist at the Panel Discussion on ‘Measuring and Reporting South-South cooperation (SSC): How to grasp SSC’s contribution to achieving the SDGs’, organised by the Network of Southern Think Tanks (NeST) in collaboration with the German Development Institute (DIE), Managing Global Governance programme on the eve of UNCTAD XIV in Nairobi, Kenya on 19 July 2016.
- Participated in the side event on ‘Evidence-informed development cooperation and management of South-South and Triangular Cooperation in the context of the Sustainable Development Goals’, organised by UNCTAD in Nairobi, Kenya on 20 July 2016.
- Panellist at the Panel Discussion on “Principles of SSC and TOSSD: What case studies in the South can tell us about convergence and discrepancy” organised jointly by the Network of Southern Think Tanks (NeST) and German Development Institute (DIE) as the Side Event at the UNDCF High-Level Meeting in New York on 22 July 2016.
- Panellist at the Session on “Delivering Sustainable Development Goals by States/UTs” at the National Conference of Chief Secretaries and Planning Secretaries of States and Union Territories, organised by NITI Aayog in New Delhi on 27 July 2016.
- Made a presentation on “Role of BRICS in Strengthening Southern Trade Linkages” at the International Civil Society Consultation on BRICS and the Agenda of Equality and Change, organised jointly by Wada Na Todo Abhiyan, Oxfam India and People’s Budget Initiative in New Delhi on 28 July 2016.
- Participated in the BRICS-BIMSTEC Preparatory Meeting, organised by the Ministry of External Affairs, Government of India in New Delhi on 10 August 2016.
- Participated in the Discussion Meeting about National Conference on SDGs under the chairmanship of Vice Chairman, organised by NITI Aayog in New Delhi on 11 August 2016.
- Participated as a Member in the first Jury Meeting of the Award Committee on EXIM Bank BRICS Economic Research Award 2016, organised by EXIM Bank in New Delhi on 12 August 2016.
- Made a presentation on ‘Nature of Multilateral Diplomacy’ at the 62nd Professional Course for Foreign Diplomats (PCFD) organised by the Foreign Service Institute in New Delhi on 23 August 2016.
- Participated in the Discussion Meeting on ‘India’s perspectives on Agenda 2030 and its implementation’, organised by NITI Aayog in New Delhi on 29 August 2016.
- Delivered Special Remarks on Migration and SDGs: Perspectives from India at the Roundtable meeting on ‘Mainstreaming Migration in the SDG Agenda in the Indian Context’ organised by Federation of Indian Chambers of Commerce and Industry (FICCI) in New Delhi on 30 August 2016.
- Participated in the First Meeting of CII Committee on International Trade Policy and Exports 2016- 2017 held in New Delhi on 31 August 2016.
- Made a presentation on ‘Development Challenges, Sustainability and Role of STI: Exploring Asian Approaches and Scope for Regional Cooperation’ at the 2nd International Symposium on Asian Development Studies

## Contributions to Outside Policy Dialogues

organised by Korea Association of International Development and Cooperation (KAIDEC) in Kuala Lumpur, Malaysia on 1 September 2016.

- Participated in the first anniversary of the adoption of the Sustainable Development Goals for Agenda 2030, organised by Wada Na Todo Abhiyan in New Delhi on 2 September 2016.
- Chaired the Session on 'Africa Regional Perspective on Opportunities for Partnership' at the India-Africa Health Sciences Summit, ICMR, Ministry of Health and Family Welfare, jointly with the Ministry of External Affairs in New Delhi on 3 September 2016.
- Participated as Panellist in the Panel Discussion on 'Problems Faced by Indian Students Abroad and NRI Students in India', organised by Pravasi Bharatiya Divas (PBD) in New Delhi on 9 September 2016.
- Panellist at the Session on "Programmes in Brain Research and Neurotechnology in India: Mechanisms Connecting Scientific and Social Outcomes" at the Workshop on Neurotechnology and Society: Strengthening Responsible Innovation in Brain Sciences, organised by OECD in Washington D.C. on 15 September 2016.
- Participated in the Discussion Meeting regarding a programme on SDGs during visit of Secretary General, United Nations to India, organised by NITI Aayog in New Delhi on 26 September 2016.
- Delivered the Keynote Address at the Dissemination Workshop on the Release of the Report on 'Indo-Bhutan Energy Cooperation Agreement and the

Implementation of Hydropower Projects in Bhutan', organised by OXFAM India in New Delhi on 29 September 2016.

### Prof. S. K. Mohanty

- Made a presentation on "A Framework for Blue Economy: Towards a Sustainable Ocean Policy in India" at the National Seminar on 'India and the Ocean Economy', organised by the ICWA, in New Delhi on 11 July 2016.
- Participated in the First Meeting of FICCI Task Force on Blue Economy, organised by FICCI in New Delhi on 25 July 2016.
- Participated in the Discussion Meeting on Second IORA Blue Economy Dialogue, held at ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar on 15-19 July 2016.
- Participated in the Discussion Meeting regarding Study on India's Economic Relations with Rest of South Asia: Country Study Series, held in the Department of Commerce, Government of India in New Delhi on 3 August 2016.
- Participated in the meeting of the Drafting Committee for the Knowledge Report on Blue Economy, organised by FICCI in New Delhi on 17 August 2016.

- Participated in the Discussion Meeting on 'SAARC Study - Tariff Schedules' held in the Department of Commerce, Government of India in New Delhi on 18 August 2016.

- Nominated as Member of the Task Force on Blue Economy constituted by FICCI.
- Nominated as Member of the Expert Committee on Normally Traded Commodities reconstituted by the National Biodiversity Authority (NBA).

### Prof. Ram Upendra Das

- Delivered a lecture on "RTA, GATT Art. XXIV & Rules of Origin" at four-day training Programme on 'International Trade and Trade Agreements for Maruti Suzuki Limited' organised by IIFT in New Delhi on 13 July 2016.
- Participated in meetings on "Joint Feasibility Study Group (JFSG) Report" for entering into a Free Trade Agreement (FTA) between the Eurasian Economic Union (EaEU) organised by the Ministry of Commerce and Industry, Government of India (GoI) in New Delhi on 19 July, 10 August, 29 August, 12 September, and 15 September 2016.
- Participated in a Brainstorming Session on "Initiatives in SAARC: Role of India",



*Prof. Ram Upendra Das speaking at the 'Forum of Indian and Russian Think Tanks' organised by the Indian Council of World Affairs, Embassy of India and Ministry of External Affairs, Government of India in Moscow, Russia on 22-23 September 2016.*

## Contributions to Outside Policy Dialogues

organised by the Ministry of External Affairs, GoI in New Delhi on 21 July 2016.

- Addressed the 62nd Professional Course for Foreign Diplomats (PCFD) on “Regional Groupings: ASEAN and BRICS”, organised by the FSI, Ministry of External Affairs in New Delhi on 1 August 2016.
- Participated as a Discussant on “Quarterly Review of the Economy (QRE)”, organised by the National Council of Applied Economic Research (NCAER) in New Delhi on 4 August 2016.
- Participated in the meetings of “Forum of Indian and Russian Think Tanks”, organised by the ICWA in New Delhi on 19 August and 16 September 2016.
- Made a presentation on “SAARC Trade in Services” in the 8th Meeting of Heads of SAARC Statistical Organizations (SAARCSTAT) organised by the SAARCSTAT and SAARC Secretariat in New Delhi on 30 August 2016.
- Participated as a leader of Indian delegation in a meeting of “Expert Group of Joint Feasibility Study Group (JFSG) for entering into an FTA between the Eurasian

Economic Union (EaEU) and Its Member States and the Republic of India”, organised by the Eurasian Economic Commission in Moscow, Russia on 1-3 September 2016.

- Participated in Discussion Meeting on “International Economic Issues” organised by the Australian High Commission in New Delhi on 12 September 2016.
- Participated in the 2nd meeting on “Joint Feasibility Study Group (JFSG) for entering into a FTA between the Eurasian Economic Union (EaEU) and its Member States and the Republic of India”, organised by the Eurasian Economic Commission, Moscow, Russia on 19-20 September 2016.
- Participated in the meeting on “India-Russia Think Tanks”, organised by the ICWA, Embassy of India, and Ministry of External Affairs, GoI in Moscow, Russia on 22-23 September 2016.
- Participated in the review meeting on “Joint Feasibility Study Group (JFSG)” organised by the Ministry of Commerce and Industry, GoI in New Delhi on 26 September 2016.

### Prof. T. C. James

Visiting Fellow

- Addressed the young scientists of the Council of Scientific and Industrial Research on protection of Intellectual Property Rights in New Delhi on 12 July 2016.
- Made a presentation on “One Size Does not Fit All” at the Workshop on ‘Declaration on Patent Protection: Regulatory Sovereignty under TRIPS’ organised by Inter-University Centre for IPR Studies, Cochin University of Science Technology, Max Planck Institute for Innovation and Competition, Centre for Economic Studies and Planning, Jawaharlal Nehru University, and Institute for Studies in Industrial Development in New Delhi on 13 July 2016.
- Delivered a talk on Sections 3, 4 and 5 of the Indian Patents Act at the WIPO Summer School organised by the Indian Society for International Law in New Delhi on 14 July 2016.
- Delivered a talk on Intellectual Property Rights to Ministry of Commerce and Industry Interns at IIFT in New Delhi on 15 September 2016.

### Dr. K. Ravi Srinivas

Visiting Fellow

- Participated in the RRI-Practice Kick off Workshop at Oslo on 20-21 September 2016.

### Dr. Priyadarshi Dash

Research Associate

- Made presentation on “India-China Economic Relations: Shaping an Alternative Narrative of Global Economic Order” at the Second SAWCCAD-VIF Dialogue held at Institute of South Asian Studies, Sichuan University (ISAS), Chengdu, China during 6-9 July 2016.

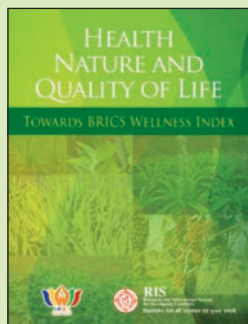


Prof. Ram Upendra Das speaking on “SAARC Trade in Services” at the 8th Meeting of Heads of SAARC Statistical Organizations (SAARCSTAT) organised by SAARCSTAT and SAARC Secretariat in New Delhi on 30 August 2016.

## REPORTS

### Health, Nature and Quality of Life: Towards BRICS Wellness Index

RIS, 2016

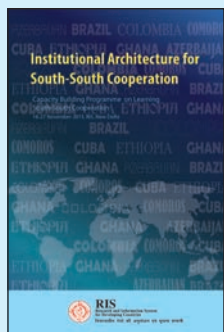


This volume is an attempt to develop a holistic wellness index that accounts for human development, material progress, and environmental sustainability. It is a new way of looking at development, but based on the ancient wisdom and traditions. With the global consensus on Sustainable Development Goals (SDGs)

that focus on comprehensive development, there is a widened window of opportunity for the BRICS countries, themselves the storehouses of ancient wisdom and home to the rich biodiversity, and as emerging economies of the world, to cut a new way of looking at measuring economic progress in its entirety, viz. the Wellness Index.

### Institutional Architecture for South-South Cooperation

RIS, 2016



Over the years the South-South Cooperation has evolved different modalities for extending assistance to partner countries. They include technical assistance, capacity building programmes, knowledge sharing, production cooperation, financial assistance, technology transfer, leveraging strengths, etc. The SSC is often perceived by the

partner countries to be more receptive and adapted to their needs and priorities. RIS conducted the first Capacity-Building Programme on 'Learning South-South Cooperation' in New Delhi in November 2015, as part of the ITEC/SCAPAP of the Ministry of External Affairs. The present volume contains very interesting perspectives on different facets of promoting South-South Cooperation by the participants based on their country and regional experiences.

## RIS POLICY BRIEF

#75 Costs of Non-Cooperation in South Asia:  
An Illustration and Way Forward by  
Ram Upendra Das, September, 2016

## JOURNAL

Asian Biotechnology and Development  
Review

Vol. 18 No. 2, July 2016

## RIS DIARY

Vol. 12 No. 3, July 2016

## Contributions to Outside Publications by RIS Faculty

Chaturvedi, Sachin. 2016. "Health Security at Stake." *Indian Express*, August 25.

Chaturvedi, Sachin. 2016. "Indian Presidency of BRICS Encourages Institutional Ingenuity." *The Economic Times*, August 31.

James, T.C. 2016. "IPR issues related to medicinal and aromatic plants (Herbs & their allied products)." *Journal of Traditional and Folk Practices*, Volume 02, 03 & 04 (1) June.

James, T.C. 2016. "Africa-India Health Partnerships." *Africa Policy Review*, 2016/17.

Das, Ram Upendra. 2016. "Asia-Europe Connectivity Current Status, Constraints, and Way Forward" in Anita Prakash (ed) *Asia-Europe Connectivity Vision 2025: Challenges and Opportunities*. Jakarta: ERIA and Ministry of Foreign Affairs, Government of Mangolia.

Dash, P. 2016. "AIIB: Taking Everyone Along?" *Extraordinary and Plenipotentiary Diplomatist*, Vol. 4, Issue 8, August, pp. 42-46.

## ब्रिक्स कल्याण सूचकांक

अर्थशास्त्रियों और दार्शनिकों ने आर्थिक वृद्धि और विकास के लिए माप विकसित करने के लिए काफी समय और ऊर्जा खर्च की है। इनमें सबसे प्रमुख सकल घरेलू उत्पाद आधारित सूचकांक है, जो मनुष्य और आय असमानता के विकास के पहलुओं पर ध्यान नहीं देता है। इसलिए मानव विकास सूचकांक सकल घरेलू उत्पाद आधारित सूचकांक की कमियों को दूर करने के लिए विकसित किया गया था। हालांकि यह सूचकांक पूरी तरह से मानव विकास पर संरचनात्मक कारकों के प्रभाव को प्रतिबिंबित करने में विफल रहा। एक और अधिक व्यापक तरीके को विकसित करने के बारे में सोचा गया जो की प्रसन्नता, भलाई और कल्याण पर आधारित है। हालांकि ये सूचकांक सांख्यिकीय तौर पर मजबूत है पर कई तरह से ये विफल होते हैं क्योंकि कुछ चीजें जो सामान्य तौर पर समाज में नजर आती हैं ये उन्हें भी समाविष्ट नहीं कर पाते हैं।

आरआईएस के प्रकाशन "स्वास्थ्य, प्रकृति और जीवन की गुणवत्ता" ने एक समग्र कल्याण सूचकांक जो मानव विकास, भौतिक प्रगति, और पर्यावरणीय स्थिरता को समाविष्ट करे उसे विकसित करने की दिशा में एक अथक प्रयास है। यह विकास को देखने का एक नया तरीका है, लेकिन यह प्राचीन ज्ञान और परंपराओं पर आधारित है। सतत विकास लक्ष्य (एसडीजी) जो कि व्यापक विकास पर ध्यान केंद्रित करते हैं, उन पर वैश्विक आम सहमति के लिए ब्रिक्स देशों को दुनिया की उभरती अर्थव्यवस्थाओं के रूप में आर्थिक प्रगति को पूर्ण तरीके से मापने अर्थात् कल्याण सूचकांक के माध्यम से मापने का अवसर मिला है।

आरआईएस की इस प्रकाशन का श्री अनंत कुमार, रसायन और उर्वरक मंत्री, भारत सरकार; श्री श्रीपाद येसो नाइक, आयुष राज्य मंत्री; श्री रमेश कुमार, मंत्री, स्वास्थ्य एवं परिवार कल्याण विभाग, कर्नाटक सरकार और श्री श्री रविशंकर, संस्थापक आर्ट ऑफ लिविंग द्वारा बेंगलुरु में 10-11 सितंबर 2016 को ब्रिक्स कल्याण मंच की कार्यशाला के दौरान विमोचन किया। इस कार्यशाला का आयोजन आयुष मंत्रालय द्वारा विदेश मंत्रालय और आरआईएस के साथ साझेदारी में किया गया था। कर्नाटक सरकार ने इस कार्यशाला की मेजबानी की। इस कार्यशाला का आयोजन ब्रिक्स शिखर सम्मेलन, जो कि भारत की अध्यक्षता में 15-16 अक्टूबर 2016 को गोवा में आयोजित किया जाएगा, तक चलने वाले कार्यक्रम के तौर पर किया गया। आरआईएस ब्रिक्स शैक्षिक मंच के लिए भागीदार था जिसका आयोजन 19 से 22 सितंबर 2016 तक गोवा में किया गया था। आरआईएस-एफआईडीसी ब्रिक्स विकास भागीदारी के व्यवस्थापकों की बैठक में भी भागीदार थे। इसी श्रृंखला में आरआईएस 2-3 अक्टूबर 2016 को ब्रिक्स नागरिक समाज मंच का भी आयोजन करेगा।



### RIS

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