
IDEAS

FORUMS

LEADERSHIP

IMPACT



ORF MANDATE

Observer Research Foundation (ORF) seeks to lead and aid policy thinking towards building a strong and prosperous India in a fair and equitable world. It sees India as a country poised to play a leading role in the knowledge age—a role in which it shall be increasingly called upon to proactively ideate in order to shape global conversations, even as it sets course along its own trajectory of long-term sustainable growth. ORF helps discover and inform India's choices.

It carries Indian voices and ideas to forums shaping global debates. It provides non-partisan, independent, well-researched analyses and inputs to diverse decision-makers in governments, business communities, academia, and to civil society around the world. Our mandate is to conduct in-depth research, provide inclusive platforms and invest in tomorrow's thought leaders today.

Ideas • Forums • Leadership • Impact



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MESSAGES



CHAIRMAN'S MESSAGE

Approaching uncharted frontiers of research as opportunities

THIS was a special year for the foundation. As was proposed in the previous year, the ORF Society membership has been enlarged and the board has been strengthened. I am delighted to extend my greetings to all the new members of the Society and to the new members of the Board of Trustees. We look forward to your leadership, counsel, and wisdom to guide ORF in the diligent pursuit of our mandate.

We have travelled a fair distance in the past 27 years. Today ORF is ranked as the 5th most acclaimed think tank in Asia according to the Global Go To Think Tank Index. We are the most featured Indian Think Tank on this index across categories – a testament to our truly multi-disciplinary character. In the past year we were also rated amongst the first 50 “Top Think Tanks Worldwide (non-U.S.),” and have consistently been ranked globally as one of the “Best Independent Think Tanks.”

We owe our transformation over the past 27 years in no small part to the contributions of our researchers, policy professionals, management, and leadership. A noteworthy mention is the contribution of the young scholars at ORF who have brought with them fresh ideas, new propositions, determination, and dynamism. I would also like to thank all our partners, funders, and patrons for believing in our work and supporting us through this journey.

At ORF, we approach uncharted frontiers of research as opportunities rather than challenges. Such leadership in new policy debates is a testament to our late founder Shri R.K. Mishra's belief in looking beyond the present. ORF's CyFy is today Asia's biggest conference on technology, security, and society. The Raisina Dialogue is the only platform in India which brings together over 200 global speakers and 800 delegates from more than 60 countries. The Kalpana Chawla Space Dialogue is a one-of-a-kind platform, which hosts key representatives from a range of spacefaring

nations to explore the challenges and provide innovative solutions in outer-space policy. Our commitment to nurturing the next generation of thought leaders through the Asian Forum on Global Governance is also an extension of our belief in the future and the power of youth.

The growing number of visitors to our website showcases how widely our publications are read, and their impact can be seen in the policy debates within and outside the government, both across the country's external engagements as well as in key sectors, such as information technology, power, coal, new and renewable energy, and urban development. The presence of world leaders, such as Boris Johnson, Foreign Secretary, UK; António Luís Santos da Costa, Prime Minister, Portugal; Adm. Harry B. Harris Jr., Commander, US Pacific Command; Reuven Rivlin, President, Israel; and Julie Bishop, Minister for Foreign Affairs, Australia, at ORF platforms highlights our foundation's credibility in the international arena.

Our work over the past year has contributed to discovering common ground in a world more divided than before, more polarised than it should be, and increasingly less patient. The election verdict in the US, the breakaway of Britain from the EU, and the rise of a more expansive China as a global economic and political heavyweight are challenging some of the old assumptions that have defined the world. Closer home too, the fault lines are sharp and visible and Indian responses to key questions around GST, climate change, poverty, employment, and political discord in parts of the country demand innovative pathways that benefit all. Technology, new media, and connectivity lend a new dimension to policymaking and policy choices.

At ORF, we need to see this contemporary domestic and global environment as the motivation to rededicate ourselves to our mandate, crafted by our founders and redefined and shaped by all of you, our stakeholders, members, and faculty. Moments of transition and change demand ideas, leadership, pragmatic consensus, and an unbridled optimism that envisions a better tomorrow, which together engender policy options for positive change.

On behalf of the Board of Trustees, I would again like to thank our faculty members and the members of the Society for their contributions. I look forward to your partnership and leadership in the days ahead.

—Bharat Goenka



DIRECTOR'S MESSAGE

Striving to remain India's youngest and most diverse think tank

ORF was established in the early 1990s at a time when India began its transition to become part of the world economy. Its purpose was to inform policy thinking to align it with the growing aspirations of a new India.

Today, 27 years hence, India and the world find themselves at another inflection point. India for its part is now a “boundary nation” — a nation yet to complete its 20th century industrial undertakings, even as it is already a knowledge society in a digital age; a state that may have emerged as a leading power in global affairs, but struggles to achieve political consensus at home; a country that provides significant economic assistance to other nations, but is still confronted with the huge task of eradicating poverty at home. As a boundary nation, India's reality thus rejects conventional labels that separate the developed and developing, the industrial and the post-modern world.

Therefore, as a think tank located in India, our policy prescriptions cannot follow the trodden paths of the Organization for Economic Cooperation and Development; our research too must move beyond traditional approaches devised in the Atlantic world. We have to discover effective answers for our situation, and discover different pathways for a sixth of humanity, knowing fully that the choices we make will be influenced by, and influence in turn, developments around the world. The effort therefore calls for multi-disciplinary research integrated within a global ecosystem of knowledge creation.

2016-17 may well be marked by posterity as a watershed year — the year in which many countries found themselves in an unfamiliar world. The rules of engagement are in flux. Domestic politics, economics, and even local conversations today have begun to have more bearing on affairs of state and the world.

Meanwhile, technology has been catalysing dramatic political, economic, and

Sunjoy Joshi

Director, ORF Delhi

on global governance, energy, climate change, and development studies.

Sunjoy Joshi heads the ORF headquarters in New Delhi. During his career in the Indian Administrative Service, he gained experience across the conventional and non-conventional energy sectors. His current work focuses

Joined ORF: 2009**Recent publication:** “Global perspectives: G20 leaders summit,” CFR, June 2017.

social transformation around the world. The instantaneous availability of information has disrupted political communication, social aggregation, markets, and even economic decision-making. As we attempt to integrate and make sense of both the global and the local, and create platforms that can reflect this multiverse called India and the world in transition, the conversations ORF fosters through its platforms and research have flagged these shifts.

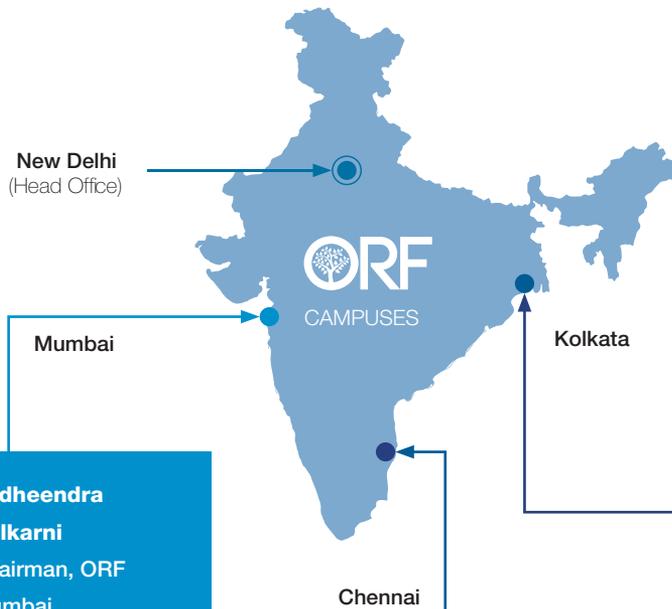
The growth of the Raisina Dialogue, India’s largest conference on global affairs, is a case in point. The second edition of the dialogue in January 2017 was inaugurated by Prime Minister Modi and saw the participation of over 150 speakers and 800 delegates from 63 countries. It incubated global conversations at an arena in India. Similarly, to mark India’s presidency of the BRICS ORF hosted a series of events as the government-nominated Indian member of the five-party BRICS Think Tank Council. We created a forum for India as a leading power and developed conversations for India, the emerging economy.

As disruptive technologies accelerate the pace of transformation, we are preparing to create policy forums that will hold up a mirror to these changes. Key amongst them will be The Power of Progress conference at the notable Computer History Museum in San Francisco in September 2017. ORF will also co-host the 13th India Trilateral Forum in Stockholm in September, bringing together the finest thinkers from the EU, US and India. The fact is that opportunity in the 21st century lies in technological innovation, to which governments world over need to respond with forward-looking policies. In the same spirit, we are set to become the first think tank to enter into partnership with the World Economic Forum, and work on the future of digital societies, of work, and of geopolitics and security.

Besides several track 1.5 and track 2 dialogues with the US, France, Australia, EU, UK, and China, we have a roadmap to engage with young minds more actively and build partnerships with youth in universities through programmes such as to counter violent extremism and hate speech.

With nearly half of the research staff under 35 years we strive to remain India’s youngest and most diverse think tank. We seek partnerships across civil society, industry, and academia that share our vision for an inclusive and peaceful tomorrow — partnerships that can help discover policy coherence in times that need it more than ever.

—Sunjoy Joshi



Sudhendra Kulkarni
Chairman, ORF
Mumbai

Sudhendra Kulkarni is a senior journalist, columnist, and political commentator. As Chairman, he shapes the future vision and sets the agenda of ORF in Mumbai. He is the overall guide and supervisor of all the diverse ongoing and planned projects, events and activities of the organisation.

Joined ORF: 2009

Recent publication: *August Voices: What They Said on 14-15 August and Its Relevance to India-Pakistan Rapprochement* (New Delhi; Wisdom Tree Publishing House, 2016).



Ashok Dhar
Director, ORF
Kolkata

As Director, Ashok Dhar steers the activities of the ORF Kolkata chapter. A chemical engineer by training, he served on the Board of Directors of Gulf Africa Petroleum Corporation, Mauritius, for ten years. He is currently a member of the Energy Institute, London, and the Refinery Forum of Petroleum Federation of India.

Joined ORF: 2011

Recent publication: "A fact sheet from Kashmir," ORF Expert Speak, June 2017.



N. Sathiya Moorthy
Director, ORF
Chennai

Sathiya Moorthy, a veteran journalist, writes on the intricacies of domestic politics and bilateral/international relations of India's southern neighbours, mainly Maldives and Sri Lanka. He is currently writing a book on contemporary Tamil Nadu and national politics, and another on Sri Lanka and the Maldives, with particular reference to their ties with India.

Joined ORF: 2002

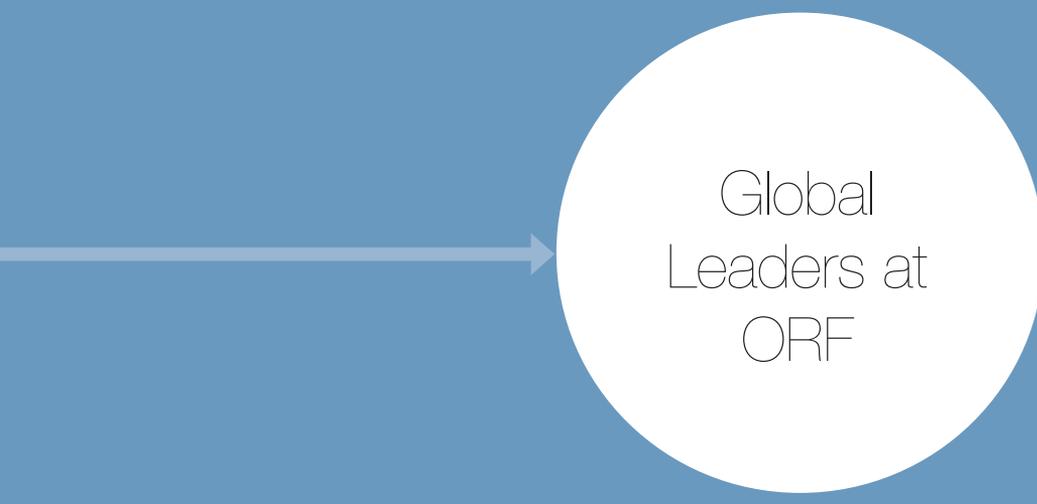
Recent publication: "Sri Lanka, China and Hambantota," ORF ExpertSpeak, August 2017.



2016 Global Go To Think Tank Index Report

ORF remained the most featured think tank in the index, prepared by the Lauder Institute, University of Pennsylvania. It was ranked across 25 categories, testifying to the multidisciplinary nature of its research.

- Ranked 5th best think tank in the China, India, Japan and South Korea region
- Ranked 50th among non-US think tanks worldwide (up from 91st position in 2015)
- Ranked 53rd for work on domestic health
- Ranked 77th for work on defence and national security
- Highest-ranked Indian think tank in the category 'Top Foreign Policy and International Affairs Think Tanks' at 64th position (up from 85th in 2015)
- Highest-ranked Indian think-tank in the category 'Best Think Tank Conference' at 45th position
- Highest-ranked Indian think tank in the category 'Think Tanks with the Most Innovative Policy Ideas/Proposals' at 20th position
- Highest-ranked Indian think-tank in the category 'Think Tanks with the Best Use of the Internet' at 26th position
- Highest-ranked Indian think tank in the category 'Best Managed Think Tanks' at 51st position (up from 68th position in 2015)
- Second-highest ranked Indian think tank in the category 'Best Use of Social Media and Networks' at 46th position



Global
Leaders at
ORF



“AS the world begins to re-order itself a quarter century after the strategic clarity of the Cold War, the dust has not yet settled on what has replaced it. But, a couple of things are clear. The political and military power is diffused and distributed. The multi-polarity of the world, and an increasingly multi-polar Asia, is a dominant fact today. And we welcome it, because it captures the reality of the rise of many nations. It accepts that voices of many, not views of a few, should shape the global agenda. Therefore, we need to guard against any instinct or inclination that promotes exclusion, especially in Asia.”

NARENDRA MODI

Prime Minister, India

Inaugural Address, Raisina Dialogue 2017

“It is no longer enough to address crisis situations. People and countries pay too high a price if we only deal with conflicts. That is why I am calling for a surge in diplomacy for peace . . . Our challenge is to build trust in each other and in institutions including the United Nations and I am committed to inspiring trust in the UN. I hope you will join me in working to make 2017 a year of peace.”

ANTONIO GUTERRES

United Nations Secretary-General
Special Address, Raisina Dialogue 2017



“Unity has driven principles of interoperability and common procedures and I find it fascinating that NATO pioneered standards that are ubiquitous both within and out of the military community such as the phonetic alphabet and a common system of aircraft so that allied aircraft can use other nations’ bases. Today NATO has proven systems and processes for interoperability tested with real world experience. We continue to develop and enhance our efforts to work together.”

ADMIRAL MICHELLE HOWARD

Commander, Allied Joint Force Command, Naples; Commander, US Naval Forces Europe; Commander, US Naval Forces Africa
Keynote Address, Raisina Dialogue 2017





“[Shrinking and retreating in the world] is not the UK’s approach, not the UK’s ambition. We... have just decided to restore our military presence east of Suez with a £3 billion commitment over ten years... Britain remains one of the handful of countries able to deploy air power 7,000 miles from home... Our strategic defence and security review makes clear that the Royal Navy’s new aircraft carriers will be present in Asian waters... as our naval strength increases in the next ten years...we will be able to make a bigger contribution in the Indian Ocean.”

BORIS JOHNSON

Foreign Secretary, UK

Keynote Address, Raisina Dialogue 2017



“In the 21st century world, the greater the importance of a language is, the bigger the perception of its value comes from the circumstance of being spoken in geographies with economic potential. Bringing Europe closer to America and Africa to Asia, the Portuguese language creates valuable ways for a triangular or multilateral cooperation. Through an external policy openly assumed as multilateral and universal, Portugal has taken on, for a long time, a role of being a bridge between different cultures and civilisations – a role that we desire to continue to play in the future, particularly with India.”

ANTÓNIO COSTA

Prime Minister, Portugal

Special Address: “India and the Portuguese-speaking world – a partnership for the 21st century,” 7 January 2017



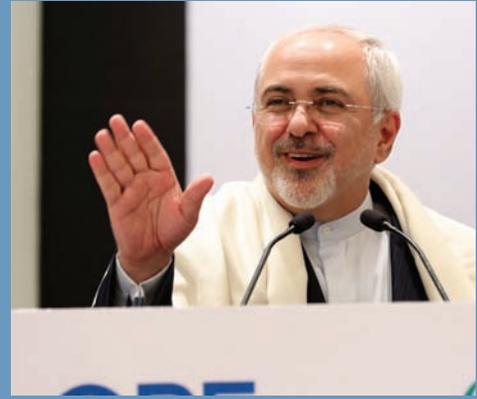
“In the uncertain world now ahead of us, this original and unique Union is more necessary than ever before. . . The European Union has the will and the capacity to bring collective responses to the challenges of the world. This will is precious, like the involvement of great emerging countries in the international arena, at a time when the commitment level of the United States in the world has become uncertain, and inaction, indecision or self-withdrawal will expose us even more to threats.”

JEAN-MARC AYRAULT

Then Foreign Minister of France

7th R.K. Mishra Memorial Lecture: “The European Union, an Indispensable Actor in an Uncertain World,” 11 January 2017

“...insecurity is a global commodity... It is not containable. In today’s age most radicalisation is taking place through the internet. You cannot contain radicalisation in a certain segment of the territory of Syria or Iraq or Afghanistan. It is a global phenomenon. It can attack you in North America, it can attack you in Australia, in the streets of Paris or Brussels. So, the mere illusion that some statesmen in our region have that they can divert this anger to a perceived enemy is nothing but an illusion, [and] a dangerous one, because it basically feeds into the very serious organisations that are using advanced communication techniques... to attract new followers from the people who feel a sense of resentment, alienation and deprivation.”



MOHAMMAD JAVAD ZARIF

Foreign Affairs Minister, Iran

Special Address: “Fighting against terrorism and extremism as a global menace,” 3 December 2016



“Israel wants to play a part in the Four Colours Revolution that Prime Minister Modi has set as India’s national goal, that brings together the colours of the Indian flag: saffron for solar power, green for agriculture, white for dairy produce, and blue for water... I have come here together with some of our best minds of Israeli academia, business leaders, Israeli industries, and defence industries. We are here to reaffirm our deep commitment to our shared future.”

REUVEN (RUVI) RIVLIN

President, Israel

Special Address: “India-Israel, 25 years of partnership: The way forward,” 17 November 2016

“The EU is a union of values... values like human rights, market economy, transparency, rule of law... We [also] know each other, we know each’s background, each other’s families, each other’s political realities. This makes the EU very unique, and is an asset which helps us overcome difficult disagreements or reach difficult decisions. [It is] a huge asset in today’s world which is uncertain and where populism is rising... Populism is a serious disease which is jeopardising stability... [and is] the biggest political challenge at the moment we have in Europe. There is no other [response] than to push back.”

JYRKI KATAINEN

Vice-President, European Commission

Conference: “Future of Europe: Challenges and Opportunities,” 11 November 2016





“If there’s one message we from the Commission’s side want to give to . . . policymakers around the world . . . is that you ain’t seen nothing yet. We are in the beginning, in my opinion not the 4th Industrial Revolution, but . . . the end phase of the industrial revolution and the beginning of the digital revolution that is truly going to transform our societies.”

CARL BILD

Chairman, Global Commission on Internet Governance
Cyfy 2016



“After the promulgation of the constitution, Nepal has now entered into a new phase of economic development. [and] we are looking for international support and encouragement, especially from immediate neighbours. . . [W]e would like to strengthen [our relationship with India], we are very happy to see . . . India[‘s] . . . rapid economic progress, we want to take advantage of that, we see our interest in that. Similarly, our northern neighbour has . . . already emerged as a global economic power . . . we would also like to take advantage of that

nation’s progress. After all, we believe that common prosperity . . . is the best guarantor of stability, peace, and democracy in the region.”

KAMAL THAPA

Deputy Prime Minister and Foreign Minister, Nepal

Talk: “Current developments in Nepal and India-Nepal Relations,” June 10, 2016



RESEARCH





STRATEGIC STUDIES PROGRAMME

Understanding the purpose of India's power

MISSION STATEMENT

As India sheds its role as a balancing power and moves towards becoming a leading power in its own right, ORF Strategic Studies Programme contributes to the growing public debate around the purpose of India's power. Through a mix of deep-dive publications, incisive interventions, and flagship events, the programme focuses on core national security and foreign policy issues of our times. Programme scholars blend strategic theory and penetrating case studies to craft policy interventions that seeks to shape India's engagement with a world in flux.

RESEARCH THEMES

- Nuclear and conventional Balance
- Regional connectivities
- Indian foreign policy
- Area studies:
Africa; Americas; China; European Union; India's Neighbourhood; Russia and Eurasia; Pacific, East and Southeast; US; West Asia

FUTURE RESEARCH DIRECTIONS

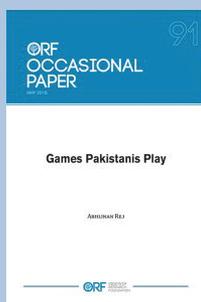
- Examining India's debate on nuclear doctrine
- China's growing role in Pakistan and Afghanistan
- India evolving role in global governance
- Changing landscape of West Asia – regional politics, Indian policy and ISIS; a database on ISIS in India
- Sub-regional integration – focus on BIMSTEC
- Paradiplomacy: States and Indian foreign policy

In Spotlight PROJECT

The China Chronicles

Curated by the Strategic Studies Programme, the China Chronicles is a weekly web series that explores the rise of China as a global player along multiple axes: political, diplomatic, economic, social, and cultural. It aims to provoke a wider and more nuanced debate in India on the implications of a rising China as it implicates Asia and the wider world.

In Spotlight PUBLICATIONS



Games Pakistanis play

Abhinav Rej

May 2016

This paper presents a typology for three groups of intra-state actors in Pakistan, termed “complicit,” “culpable,” and “collateral,” which have their own different stakes in promoting transnational extremism.

The paper analyses the inter- and intragroup dynamics within the theoretical framework of evolutionary game theory, and makes policy recommendations.



Reconciling with the Taliban: the Good, the Bad and the Difficult

Kriti M. Shah

June 2016

Efforts toward a peaceful reconciliation with the Taliban have failed and Afghanistan and the US remain engaged in a bitter war against the insurgent group. This Issue Brief

argues that a political and military victory in Afghanistan requires three pillars: significant improvement in the Afghan government's performance; long-term US commitment; and regional cooperation and investment in Afghanistan.



H.H.S. Viswanathan, ORF; Ashok Dhar, ORF; Ma Zhanwu, Chinese Consul General, Kolkata; Wang Rong



Ma Zhanwu, Chinese Consul General, Kolkata

2nd RIIO-ORF Think Tank Forum: Role of state/province in India-China relations

8 July 2016, Kolkata

The event discussed how provincial level institutions can play a role in taking foreign relations forward. Sub-regional groupings like BCIM formed part of the discussion.



Swagata Saha, ORF; Ye Hanlin, RIIO, Kunming

Book discussion: *Modi and the World – The Ring View Inside Out*

27 July 2017, New Delhi



Kanchan Gupta, ABP News TV Commissioning Editor



Ranjit Gupta, former Ambassador to Yemen and Oman



Yamini Chowdhury, co-editor of book



Gareth Price, Senior Research Fellow, Asia Program, Chatham House; Kanchi Gupta, formerly ORF; Samir Saran, ORF; Eva Pejsova, EU Institute for Security Studies; Harsh V. Pant, ORF



Workshop in progress

Prospects for EU-India Security Cooperation

26 September 2016, New Delhi

A closed-door workshop and a public conference were organised by ORF in collaboration with the EU Institute for Security Studies and Chatham House. The gatherings provided an opportunity to exchange views on EU-India collaboration in three areas of common concern: radicalisation and terrorism; West Asia (the Middle East); and maritime security.



Tomasz Kozłowski, EU Ambassador to India



Release of the book by Hamid Ansari

Release of Sudheendra Kulkarni's *August Voices*

12 December 2016, Mumbai

Then Vice President of India, Hamid Ansari, released the book, which compiles what eight eminent personalities from the freedom struggle said, wrote, or did on 14-15 August 1947, and questions the eventual Partition.

T.V. Paul: Rethinking Sino-Indian Relationship in the Era of Globalisation

27 January 2017, New Delhi

Professor T.V. Paul, Department of Political Science, McGill University, delivered a talk on rivalry between India and China, and what influence accelerated globalisation has on this competition between the two neighbours.



Abhijnan Rej is Fellow at ORF Delhi. He works on Indian grand strategy and political-military issues related to China and Pakistan. He has also worked on geoeconomics and game theory in the past. He is currently developing a theory of limited wars, and the India-relevant policy consequences that can be derived from it.

Joined ORF: September 2015

Recent publication: "Beyond India's Quest for a Neoliberal Order," *The Washington Quarterly* 40, No. 2 (Summer 2017).



Kabir Taneja is Associate Fellow at ORF Delhi. He specialises on the Middle East (West Asia) and is currently working on various projects revolving around the issues of terrorism and insurgencies in the region, specifically the so-called Islamic State (ISIS).

Joined ORF: April 2017

Recent publication: "India's missing 39 in Iraq and their never-ending saga," *Huffpost India*, July 2017.



Kartik Bommakanti is Associate Fellow at ORF Delhi. He works on space, nuclear and strategic issues in the Asia-Pacific region. He is currently working on a paper on the intersection between space and naval warfare.

Joined ORF: December 2016

Recent publication: "Doklam impasse: Why confrontation with the PRC matters," *ORF China Chronicles*, July 2017.



Kriti M. Shah

is Junior Fellow at ORF Delhi. Kriti's research focuses on strategic issues in South Asia, primarily Afghanistan and Pakistan. Her work covers both countries' foreign and domestic policy, security and military issues and extremist and terrorist groups that are operating in/affected by these two countries.

Joined ORF: January 2016

Recent publication: "Dealing with violent civil protests in India," ORF Special Report, April 2017.



Pratinashree Basu

is Junior Fellow at ORF Kolkata. She works on the "Proximity to Connectivity"

project under the Neighbourhood Initiative. She is currently focusing on maritime infrastructural and economic connectivity among the Bay of Bengal littorals. She also work on maritime politics of the Indo-Pacific.

Joined ORF: April 2013

Recent publication: "India's Connectivity with its Himalayan Neighbours: Possibilities and Challenges," ORF Special Report, July 2017.

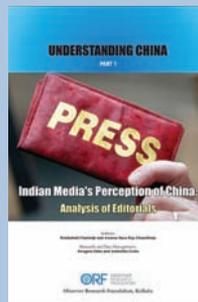
In Spotlight PUBLICATIONS



Africa: Perspectives from Russia and India

Proceedings of the 9th ORF-ECC Conference, 27-28 June 2016, Moscow

ORF and the Experimental Creative Centre (ECC), Moscow, focused on Africa for the ninth edition of interaction. This report details discussions around four sessions: challenges to peace and stability in Africa; competition for Africa; Russia and India's engagement with Africa; and emerging political and economic scenarios for Africa.



Indian Media's Perception of China: Analysis of Editorials

Rakhahari Chatterji and Anasua Basu Ray Chaudhury
December 2016

This report forms part of a larger study of public perceptions of India-China relations. This first part presents the findings of the print media survey. Data collected from select national newspapers in India from 2012 to 2014 is analysed.

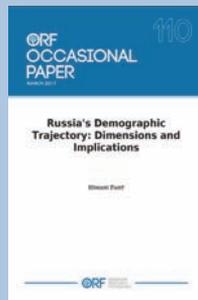


Emerging Trans-Regional Corridors: South and Southeast Asia

Edited by K. Yhome and Rajeev Ranjan Chaturvedy
January 2017

New ideas and initiatives of trans-regional economic corridors to further link regions of Asia and beyond have been emerging in recent years. Against this backdrop, this volume attempts to capture the rationales behind the various initiatives with a specific focus on linking

South and Southeast Asia. The papers assess the economic and strategic implications of the trans-regional economic corridors in this specific region.



Russia's Demographic Trajectory: Dimensions and Implications

Himani Pant
March 2017

This paper studies the demographic patterns in Russia since 1991, which are unique for several reasons. At a time when the economic slump in Russia has emerged as a major concern, this paper summarises the challenges posed by Russia's demographic decline and

its grave repercussions in the long run.



Assam floods, August 2017 / PTI

CLIMATE CHANGE & DEVELOPMENT INITIATIVE

Supporting equitable and effective climate action and development work

MISSION STATEMENT

The ORF Climate Change and Development Initiative works to support equitable and effective climate action and sustainable development in India and around the world by conducting interdisciplinary research, incubating new ideas and building partnerships to bridge the gap between knowledge, policy, and stakeholder-led solutions.

RESEARCH THEMES

- Global and Indian climate change policy
Focus: India's position in global debates and India's domestic policy
- India as a provider of global public goods
Focus: Health, gender equality, food security and humanitarian assistance sectors
- India's development diplomacy in its eastern neighbourhood and African countries
- Implementing the Sustainable Development Goals in India
Focus: Shaping the UN agenda; localising SDGs in India; Goals 2 (hunger), 3 (health), 5 (gender)
- Financing Transformative Change
Focus: Flow of private capital to green energy and infrastructure: global norms and domestic regulation

FUTURE RESEARCH DIRECTIONS

- Other SDGs (education, skills)
- New multilaterals (Commonwealth, BIMSTEC)
- Technology and development: IPR (e.g., access to medicines)
- Cross-programme: ICTs & health; growth & investment; maritime and climate; social dimensions of energy transitions
- Human security

FUNDERS

- EPF
- FCO
- MacArthur Foundation
- DFID
- GIZ
- Bill and Melinda Gates Foundation

In Spotlight FACULTY



Aparajit Pandey is Programme Coordinator at ORF Delhi. He is working on ORF's Financing Green Transitions project stream, which aims to find innovative solutions to help private capital for climate action projects in emerging economies. He has written on international and Indian macro-economic policies and international energy concerns.

Joined ORF: January 2017

Recent publication: "Great Walls: Addressing Domestic Barriers for Investments in Climate Action Projects," ORF Issue Brief, August 2017.



Aparna Roy is Associate Fellow at ORF Delhi. A development practitioner, her current research focuses on mobilising private capital for clean energy infrastructures and investments in emerging economies, BIMSTEC, and blue economy.

Joined ORF: January 2017

Recent publication: "G20 should have demonstrated power of numbers and guided future of climate governance," *Hindustan Times*, July 2017.



Panel “Agenda 50:50 for Agenda 2030” – Thokozile Ruzvidzo, African Centre for Gender, UN Economic Commission for Africa, Addis Ababa; Rebecca Taveres, Head, UN Women, India and MCO; Samir Saran, ORF; Marshall Elliott, Head, DFID India, Renana Jhabvala, SEWA and member, UN High Level Panel, India; Comfort Sokoma, Founder and CEO, Poize Capital, Nigeria; Stephanie Bauer, Africa Lead, Intellectap Business Consulting, India



Amar Sinha, Secretary (ER), Ministry of External Affairs, India



Gennet Zewide, former Ambassador of Ethiopia to India



Sairee Chahal, Founder, Sheroes, India

Unleash: Opportunities. Aspirations. Leadership. Promoting Women’s Economic Empowerment for Global Change

4-5 July 2016, New Delhi

In partnership with DFID, ORF hosted a flagship conference that explored prospects and opportunities of putting gender at the heart of the India-Africa development partnership. It brought together distinguished delegates from India and Africa to create a space for dialogue on women and work, to connect grassroots synergy to policy, to identify and address shared opportunities and challenges when running social enterprises, and to provide a networking platform for future collaboration and mutual learning.



Urvashi Aneja, ORF; Nyandia Kamawe, Akirachix, Kenya



Discussion participants

From Paris to Marrakesh: Indian Expectations from COP 22

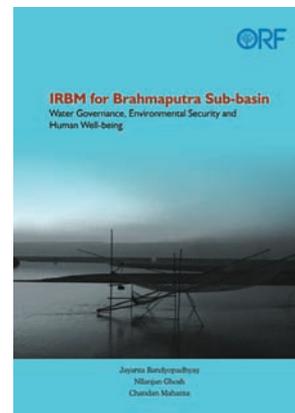
12 September 2016, New Delhi

This roundtable discussion focused on India's expectations from COP 22 and questions around the implementation of the Paris Agreement and the COP Decision text.

Release: IRBM for Brahmaputra Sub-basin: Water Governance, Environmental Security and Human Well-being

24-25 October 2016, Kolkata

Released jointly by former Union Ministers P. Chidambaram and Dr Y.K. Alagh, this report examines the tenets of integrated river basin management, where ecology and ecological economics of water are defined as important cornerstones, and challenges the notions of "surplus" and "deficit" river basins, highlighting the lack of an ecosystem perspective in the country's river basin management.



Jayanta Bandyopadhyay, author; Ashok Dhar, ORF; P. Chidambaram; Dr Y.K. Alagh; Saibal Chattopadhyay, Director, IIM Calcutta; Nilanjan Ghosh, author; Chandan Mahanta, author



The workshop participants



Panel on “Religion, public discourse and climate change” – Robert Albro, American University; Eric Hershberg, American University; J.M. Mauskar, ORF

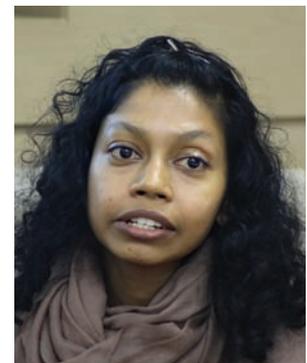


Kiran Shinde, Bharati Vidyapeeth University, Pune

Religion and Climate Change in Cross-Regional Comparison

8-9 December 2016, New Delhi

The two-day event, co-sponsored jointly with the American University’s Center for Latin American & Latino Studies, Washington, D.C., convened researchers from India, Latin America, the US and Europe to address the role of religion and religious actors in responding and adapting to emerging water-related challenges made worse by climate change. This was the first edition of a projected three regional workshops.



Natasha Kuruppu, UN University

In Spotlight **FACULTY**



Malancha Chakrabarty,

PhD, is Associate Fellow at ORF Delhi.

Malancha is an economist who works on food security, undernutrition and development partnership between India and Africa. She is particularly interested in the impact of emerging countries like India and Africa on African development.

Joined ORF: September 2016

Recent publication: “Four Famines in an Interconnected World: What Can the G20 Do?,” ORF Issue Brief, June 2017.



Tanoubi Ngangom is

Associate Fellow at ORF Delhi. Tanoubi's

research focuses on the

political economy of development.

Her recent projects examine the evolution of global development policy, India's development partnership programme, and issues around technology for development.

Joined ORF: May 2013

Recent publication: “Learning from the old, preparing for the new: Designing an institutional architecture for India's development partnerships,” ORF Working Paper, March 2017.

In Spotlight **PUBLICATIONS**



Road from Paris: Ensuring Effective and Equitable Climate Action

Edited by Vikrom Mathur and Aniruddh Mohan

September 2016

This book brings together a collection of essays that analyse how the themes of adaptation and resilience; energy transitions and technology innovation; climate finance; and the role of non-state actors in the evolving climate regime will develop under the Paris Agreement.



Climate Change and Food Security in India

Malancha Chakrabarty

September 2016

This Issue Brief provides an overview of the impact of climate change on India's food security, keeping in mind three dimensions — availability, access, and absorption. It finds that ensuring food security in the face of climate change will be a formidable challenge and offers a number of recommendations.



Asia with Africa: Opportunities and Challenges

Edited by Urvashi Aneja

March 2017

This collection of policy-oriented opinion pieces by leading scholars from around the world examines how Asia's recent and emerging outreach to Africa can contribute to African development and security – how opportunities can be capitalised upon and challenges negotiated. A range of issue areas are explored including trade and investment,

energy and natural resources, blue economy and technology, security and peacekeeping, and policy convergence in global governance institutions.



Learning from the Old, Preparing for the New: Designing an Institutional Architecture for India's Development Partnerships

Urvashi Aneja and Tanoubi Ngangom

March 2017

This working paper explores the mechanisms to create an Indian development cooperation institutional framework. It examines the models and mechanisms used by a selection of old and new donors to mine lessons for

suitable interventions for India. The paper argues that the success of the Indian development agency will depend on traditional factors (size, role, clarity of mandate, specialisation) as well as the readiness among leadership to adapt to new environments and structures.

RESEARCH THEMES

- Encryption
- Cyber norms
- Lethal autonomous weapons
- Security of digital payments
- Net neutrality
- Blockchains
- Institutionalising cyber defence

INTERNATIONAL ENGAGEMENT

ORF's cyber initiative is represented in the following forums:

- Member, WEF Global Future Council on Cyber Security
- Member and Vice Chair, Global Commission on Cyber Stability
- Member, WEF Global Future Council on the Digital Economy and Society
- Vice Chair, Asia-Pacific Regional Internet Governance Forum
- Member, Global Commission on Internet Governance
- Observer, Tallinn Manual on Law of Armed Conflict Applicable to Cyberspace

FUNDERS AND SPONSORS

- William and Flora Hewlett Foundation
- Foreign and Commonwealth Office, UK
- Microsoft Inc.
- Facebook
- Google
- Ministry of Foreign Affairs, Switzerland
- Huawei
- Council of Europe
- ICANN

In Spotlight PROJECT

Digital Policy Portal

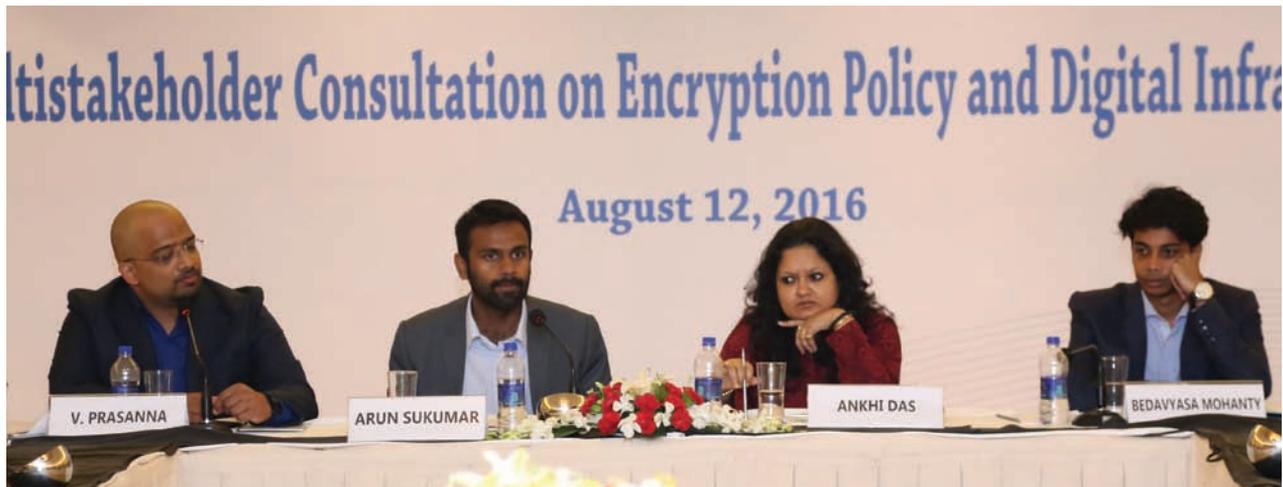
The Digital Policy Portal was launched in 2016 as an independent platform to serve as a true marketplace of ideas for thought leaders from academia, policy, and industry involved in technology policy. The website is dedicated towards creating original academic research on technology and allied developments that are and will challenge policymakers. The content traverses a discursive array of subjects from privacy and surveillance to antitrust to Internet of Things.



Raman Jit Chima, Policy Director, Access Now



Subho Ray, President, Internet and Mobile Association of India



V. Prasanna, Lead, IT Security, GigSky; Arun Mohan Sukumar, ORF; Ankhi Das, Director, Public Policy, Facebook India, South & Central Asia; Bedavyasa Mohanty, ORF

Multistakeholder Roundtables on Encryption

12 August 2016, New Delhi

17 December 2016, Bengaluru

ORF convened two multistakeholder consultations during 2016-17 on encryption to deliberate upon technologically sophisticated solutions for advancing civil liberties and protecting the integrity of information flows in the digital economy.



N.S. Napinnai, advocate, speaking at the workshop in Jaipur

Cyber Security Capacity Building for Law Enforcement

30-31 December 2016, Jaipur

20 February 2017, Bangalore

28 February 2017, Mumbai

In 2016, the Cyber Initiative launched a two-year project to build cyber security capacity within India's law enforcement agencies. This project aims to conduct daylong training workshops with various state police agencies and discuss current cyber security threats as well as cyber-crime investigation techniques.



Philipp Rösler, Head, Centre for Regional Strategies, and Member, Managing Board, WEF



Harin Fernando, MP, Sri Lanka; Ravi Shankar Prasad, Union Minister, Law and Justice and Ministry of Information Technology, India

Shaping the Future of Digital in South Asia

19 July 2016, New Delhi

ORF and the World Economic Forum are hosting a series of dialogues on the future of the digital economy and society to explore possible approaches to set up a regional Future of the Internet initiative. The conversation in New Delhi focused on ensuring universal internet access and a workshop at the event explored challenges in designing a smart nation – developing digital adoption, providing services online, and promoting innovation.



N.K. Singh, Senior Member, BJP; Shashi Tharoor, MP, India



Panel on 'Social Inclusion and Technology' – Luis Claudio Kubota, Institute of Applied Economic Research, Brazil; Lang Ping, China Academy of Social Sciences; Karuna Nundy, Advocate, India; Krish Chetty, Human Sciences Research Council, South Africa; Nicholas Palmer, Group IB, Russia; Anna Kuznetsova, Russian International Affairs Council

Digital BRICS

28-29 April, New Delhi

Part of the ORF BRICS Forum, the Digital BRICS summit brought together stakeholders from government, businesses, and civil society to generate discussion on four themes related to internet policies: institutional cooperation in cyberspace, access and inclusion, internet and pluralistic governance, and the digital economy.



Ajay Kumar, Additional Secretary, Department of Electronics & Information Technology, India



Mahima Kaul, Twitter, India; Latha Reddy, Commissioner, Global Commission on Internet Governance, and ORF



Gulshan Rai, National Cyber Security Coordinator, India

In Spotlight FACULTY



Arun Mohan Sukumar

is Head of the ORF Cyber Initiative.

Arun is currently coordinating projects where ORF is assisting

NITI Aayog to produce draft guidelines on private car ride-sharing, and supplying the Ministry of External Affairs with briefing documents on the legal and strategic consequences of lethal autonomous weapons systems.

Joined ORF: August 2015

Recent publication: "India at the Cross Roads of Cyberspace," *Oxford Handbook of Cyber Security*, OUP, forthcoming



Meghna Bal is Junior Fellow at ORF Delhi. She is a lawyer by training.

Meghna's research interests include issues surrounding blockchains,

intellectual property, urban mobility, and cyber diplomacy.

Joined ORF: May 2017

Recent publication: "E-commerce and the digital economy: How the G20 can help Africa overcome its digital divide," ORF Issue Brief, June 2017.



Maya Mirchandani

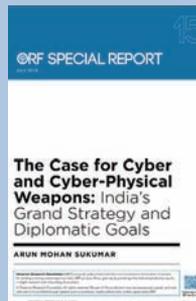
is Senior Fellow at ORF Delhi. A broadcast journalist with over two decades of reporting experience,

Maya is currently heading ORF's Countering Violent Extremism project that analyses and looks for ways to build counter narratives against radical, extremist, and violent ideologies propagated online. She is also looking at the role of online extremism, and the impacts of hate speech and counter messaging on social media.

Joined ORF: April 2017

Recent publication: "What followed after Modi-Trump hug was net win for India," NDTV, June 2017.

In Spotlight PUBLICATIONS

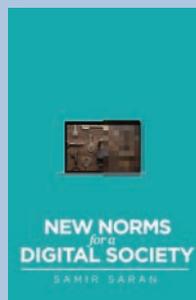


The Case for Cyber and Cyber-Physical Weapons: India's Grand Strategy and Diplomatic Goals

Arun Mohan Sukumar

July 2016

This briefing document articulates a grand strategy for India to pursue the development of cyber and cyber-physical weapons, with a view to manage conflicts and the future balance of power in Asia.



New Norms for a Digital Society

Samir Saran

August 2016

The interaction between states, non-state actors and transnational corporations when it comes to the internet necessitates the creation of a regime complex that clearly outlines their respective roles. This paper is a first step in that direction, articulating norms that may

serve as the baseline for legal and political agreements on cyberspace.



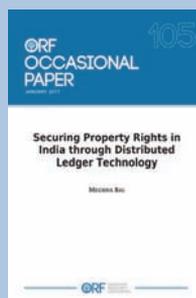
'Going Dark' in India: The Legal and Security Dimensions of Encryption

Bedavyasa Mohanty

December 2016

This paper highlights solutions for a second iteration of an Indian encryption policy that both incentivises the adoption of strong encryption standards by both the government and the private sector, and explores

technologically sophisticated solutions to protect information flows in the digital economy.



Securing Property Rights in India through Distributed Ledger Technology

Meghna Bal

January 2017

This paper argues for blockchain technology as a tool for a decentralised, open, and transparent method of record-keeping in a bid to institute a standardised property rights regime in India as it pursues an agenda of

robust economic growth.



HEALTH INITIATIVE

Taking health and nutrition to the policy high table

MISSION STATEMENT

Leveraging its events and research, ORF's Health Initiative endeavours to take health and nutrition to the policy high table, and establish health and nutrition security as important components within the broader national security discourse. An important pathway of achieving this will be through analysis of latest datasets, and elevation of media discourse by regular publication of evidence-based knowledge products.

RESEARCH THEMES

- **Better data for better health**
How can sub-region level data inform policy conversations in health and nutrition and make decision-making more evidence-based? Publications and events under this theme explore how India can strengthen and streamline different sources of health and nutrition data.
- **Down to the district**
The latest data sources are used that allow for district-level analysis of coverage and outcome indicators in health and nutrition to elevate the media conversation around policy issues. We leverage elections and policy events as windows of opportunity to achieve focused media attention on health and nutrition.
- **Health policy analysis**
The Health Initiative produces regular analysis of policy issues relevant to global, national and state-level health and nutrition scene. It also curates technical discussions involving government agencies, with recommendations feeding directly into policy.

FUTURE RESEARCH DIRECTIONS

- Analysing the role of innovative financing in achieving national health and nutrition goals.
- Addressing fragmentation in health and nutrition policy through studying the nature of new challenges in view of the nutritional /epidemiological transition and finding solutions.
- Presenting and promoting an expanded view of “national security,” which will have health and nutrition security as important components. Starting with BIMSTEC, health systems of neighbouring countries will be studied for informing India’s policies through best practices and policy innovations.

PARTNERS AND FUNDERS

Bill and Melinda Gates Foundation

In Spotlight PROJECT

India Health Observatory

Analysis NSS as well as NFHS data will lead to the launch of ORF Health Observatory, which will be a one-stop portal offering customisable health indicators across five layers: National, Regional, State, NSSO Regions, and Districts. Knowledge products from this ongoing exercise will guide our media and parliamentary advocacy. Data work as part of the India Health Observatory will be the foundation on which the core analysis from the Health Initiative will be based. It will be constantly updated as new data sets are made available, and crisp, analytical pieces will be brought out regularly to inform and elevate the policy discussions around health and nutrition.



(from left) Anjali Nayyar, Senior Vice President, GHS, India; Ratna Anjan Jena, Advisor, WCD; Priyanka Saksena, Technical Officer, WHO; Charu C. Garg, Advisor, NHSRC; Karanvir Singh, Member, MoHFW/FICCI Committee and CMIO, Apollo Hospital; P.M. Kulkarni, demographer



Bibek Debroy, Member, NITI Aayog



Krishna Kumar, DDG, MoSPI, GoI

Better Data for Better Health: Developing an Indian Approach on Indicators to Achieve Sustainable Development Goals

25 July 2016, New Delhi

This event kicked off ORF’s Health Initiative by engaging senior policymakers from the Central government, representatives of the industry, civil society, international organisations, academia and media. A panel discussion at the event deliberated upon how quality data and a robust national indicator framework can help India achieve its health and nutrition goals quicker.



Arun Mohan Sukumar, ORF; Anubha Sinha, CIS; Amit Mishra, Project Lead, eHealth, National Institute of Smart Governance, MoHFW, GoI; R. Srinivasan, Consultant; Arunima Mukherjee, University of Oslo; Shalini Verma, UNDP India

Health Policy Workshop: Free and Open Source Software and Standards for Public Health Information Systems in India: “Making Them Work” by Bridging the Policy-Practice Gap

27th-28th February 2017, New Delhi

ORF, in association with University of Oslo and HISP India, organised a 2-day health policy workshop to identify policy-practice gaps with respect to using FOSS-based health information system applications and standards, and approaches to address them.



Alok Kumar, Advisor (Health, Nutrition, WCD & Industry), NITI Aayog



Mark Landry, WHO



Oommen C. Kurian is Fellow at ORF Delhi. He focuses on the interface of nutrition and health policy. Oommen is leading the team working on the ORF Health Observatory project. He is also working with state governments and helping them put in place robust health policies. He is currently studying health systems in the BIMSTEC countries, assessing women's health insurance access in India, and evaluating system preparedness for vector-borne diseases.

Joined ORF: February 2016

Recent publication: (co-author)

"Tracking SDG targets on health and nutrition: Challenges and opportunities for streamlining surveys," ORF Occasional Paper, June 2017



Shalini Rudra is Associate Fellow at ORF Delhi. Shalini's research involves various disciplines (social

demography, health economics, development studies, and data-driven research). At ORF, she is part of a research grant on implementation and financing of SDGs. Her individual research focuses on environmental health, issues of access to healthcare, and large-scale data repository work that will culminate in the ORF Health Observatory.

Joined ORF: January 2017

Recent publication: (co-author)

"Tracking SDG targets on health and nutrition: Challenges and opportunities for streamlining surveys: challenges and opportunities for streamlining surveys," ORF Occasional Paper, June 2017.



Tracking Health and Nutrition Targets: Four Recommendations for India

Oommen C. Kurian
November 2016

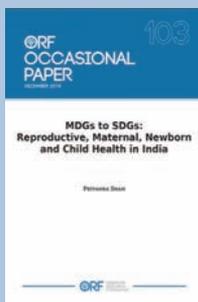
Based on a panel discussion on developing an Indian approach to indicators to achieve the Sustainable Development Goals, this Special Report advances four recommendations to streamline and build on existing national statistical infrastructure needed to facilitate a 'data revolution' that will allow India to achieve the ambitious SDG targets related to health and nutrition.



Health is Wealth: Indian Private Sector Investments in African Healthcare

Tanoubi Ngangom and Urvashi Aneja
June 2016

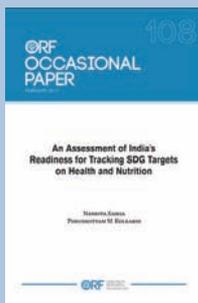
This Issue Brief situates the role of the private sector in the context of shared health challenges in India and Africa. It explores ways to maximise positive spillovers of trade and investment in four key health sectors: medical tourism; tele-health; frugal innovations; and the pharmaceutical industry. The paper provides recommendations to optimise private sector contributions.



MDGs to SDGs: Reproductive, Maternal, Newborn and Child Health in India

Priyanka M. Shah
December 2016

This paper assesses the current state of Reproductive, Maternal, Newborn and Child health in India. It traces India's progress, or lack thereof, in its Millennium Development Goals performance in health, considers lessons that can be learned, and explores the road ahead for the fulfilment of the third Sustainable Development Goal.



An Assessment of India's Readiness for Tracking SDG Targets on Health and Nutrition

Nandita Saika and Purushottam M. Kulkarni
February 2017

This paper examines India's readiness to assess its progress towards the SDGs related to nutrition and health (including reproductive, maternal, newborn and child health). It discusses relevant SDG indicators and sources of data in India and examines appropriate strategies to track SDGs. The study concludes with specific recommendations for improving data systems in India for the short and long term.



Malabar 2016 / PTI

MARITIME POLICY INITIATIVE

Analysing developments in the nautical domain

MISSION STATEMENT

The ORF Maritime Policy Initiative analyses developments in the nautical domain, covering India's maritime strategy, blue economy, the Act-East Policy, naval engagement in Asia and Africa, multilateral maritime governance architectures, Indian Ocean trade regimes, shipping and maritime infrastructure in Asia, SLOCs security and non-traditional security challenges. Our research aims to inform policymakers of developments in the maritime domain, including traditional security and regional governance, India's maritime interests in its near-seas and the wider regional littorals, maritime law, and the geopolitics of the Indo-Pacific region

RESEARCH THEMES

- Maritime security
- Unmanned and autonomous vehicles
- Coastal security
- Maritime economics
- Territorial disputes

FUTURE RESEARCH DIRECTIONS

- Future maritime operations – technological Imperatives
- Strategic security in the Asia Pacific – threats, challenges and opportunities
- Rules-based maritime order in Asia

In Spotlight PROJECT

India's Coastal Security

The coastal security project is an in-depth assessment of India's littoral security challenges – the evolving nature of threats, the impediments to policymaking, areas of dissonance, and ways in which coastal security can be made more effective. The study aims to identify a plan for comprehensive security in the littoral seas. Its ultimate objective is to provide guidance to central and state legislatures in drafting relevant laws and regulations for the governance and administration of India's vulnerable near-seas.

In Spotlight PUBLICATIONS

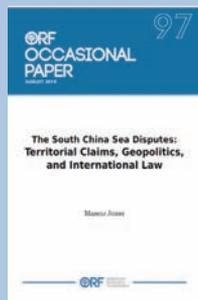


Unmanned and Autonomous Vehicles and Future Maritime Operations in Littoral Asia

Abhijit Singh

July 2016

As the strategic environment in Asia turns increasingly fraught, regional navies have been focusing on the development of autonomous and unmanned systems. This Special Report focuses on such autonomous systems in the context of India against a backdrop of a potential new normal in maritime commons.



The South China Sea Dispute: Territorial Claims, Geopolitics, and International Law

Manoj Joshi

August 2016

Following the verdict passed by an international tribunal on the South China Sea against China, this paper looks into the legal issues arising from the conflicting maritime claims of various countries in the sea, China's confusing and expansive claims, and the geopolitical tussle around the disputes between China and the US.



Line in the Waters: The South China Sea Dispute and its Implications for Asia

Edited by Abhijit Singh

January 2017

This edited volume looks at emerging security dynamics in the Southeast Asian littorals and their impact on Asian geopolitics and security. It presents country perspectives of the strategic implications of recent developments in the South China Sea, their implications for maritime security and the regional balance of power. Beyond dwelling on the strategic deadlock that characterises the current state-of-play, contributors outline possible solutions and a way forward.



Blue Economy: Beyond an Economic Proposition

Sonali Mitra

March 2017

The concept of 'blue economy' presents India with an unprecedented opportunity to meet its national objectives, strengthen connectivity with neighbours, and exert influence in the surrounding regions. This Issue Brief argues that India should take advantage of the economic development of the Indian Ocean and examines how India can assume a leadership role in the region.



Abhijit Singh, ORF



Manoj Joshi, ORF



Ranjit Kalha, IFS (retd)



James Kraska, US Naval War College

The South China Sea Disputes

20 July 2016, New Delhi

Following the UN Tribunal's rejection of China's historical claims in the South China Sea, a roundtable was organised to debate the issue. Historical background, political evolution, recent intensification, and the legal, structural, and geopolitical aspects of the conflict were discussed.



Abhijit Singh is Senior Fellow and Head, Maritime Policy Initiative, at ORF Delhi. A former

naval officer, Abhijit writes frequently on maritime matters. His research focuses on security and governance issues in the Indian Ocean and Pacific littorals. He is currently working on projects related to India's coastal security and technology imperatives in maritime operations. He has also been exploring maritime governance architectures, shipping and maritime infrastructure in Asia, SLOCs security and non-traditional security challenges in the Indian Ocean Region.

Joined ORF: January 2016

Recent publication: "India's middle eastern naval diplomacy," Middle East Institute, July 2017.

**25 Years of Economic Reforms in India:
Retrospects and Prospects**

24-25 October 2016, Kolkata

This conference, jointly organised by ORF Kolkata and the Indian Institute of Management, Calcutta, brought together thinkers of past and present from the fields of economy, society, and polity to deliberate on challenges in policymaking; public finance and regulation; globalisation; Digital India; international trade and economic liberalisation; energy, environment, and climate change; land and agriculture; and building an agenda for Economic Reforms 2.0.



Ashok Dhar, ORF; P. Chidambaram, former Union Finance Minister; Saibal Chattopadhyay, Director, IIM Calcutta



Speakers at the conference



Gautam Chikermane

is Vice President, and part of the Economy & Growth Programme, at ORF Delhi. Gautam follows, analyses and writes on economic issues. He is currently following developments on the goods and services tax, farm loan waivers and state finances. He is also working on a project on economic reforms.

Joined ORF: April 2017

Recent publication: "Has IMF overlooked GST disruption in its India projections?," ORF ExpertSpeak, July 2017.



Nilanjan Ghosh

is Senior Fellow and Head, Economics, at ORF Kolkata. Nilanjan is an economist with 18 years of varied experience and expertise in ecological economics, water governance, natural resource management, climate change, international trade and finance, and econometrics. He is currently working on a volume on governance of the Ganga-Brahmaputra basin to be published by Routledge.

Joined ORF: January 2015

Recent publication: "Ecological Economics: Sustainability, Markets, and Global Change," in P. Mukhopadhyay et al (eds.) *Global Change, Ecosystems, Sustainability* (New Delhi: Sage, 2017).



ISRO's PSLV-C34 lift-off, July 22, 2016 / PTI

NUCLEAR & SPACE POLICY INITIATIVE

Conducting original research on global nuclear and space order

MISSION STATEMENT

The ORF Nuclear and Space Policy Initiative seeks to conduct original research and foster policy dialogues on governance of the global nuclear and space order. We seek to bring together diverse perspectives from the national, regional, and global levels to generate greater understanding and possibly consensual solutions to promote a stable nuclear order and an inclusive outer space regime to meet growing global demand.

RESEARCH THEMES

- National space policy
- Global space regime
- Asian space race
- Geopolitics of space
- Global nuclear order

FUTURE RESEARCH DIRECTIONS

- Weapons of mass destruction
- Nuclear security
- Drones

PARTNERS

- Secure World Foundation
- Jawaharlal Nehru University
- Italian Space Agency
- European External Action Service
- Team Indus
- International Committee of the Red Cross
- Mohammad Bin Rashid Space Centre
- European Space Policy Institute
- Union of Concerned Scientists
- Embassy of the Kingdom of the Netherlands

In Spotlight FACULTY



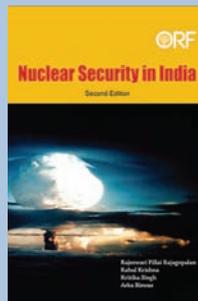
Rajeswari Pillai Rajagopalan is Senior Fellow and Head, Nuclear & Space Policy Initiative, at ORF Delhi. She

works and publishes on issues of Asian international politics as well as on nuclear security. Rajeswari is currently working on a series of papers on WMD terrorism and nuclear security.

Joined ORF: July 2007

Recent publication: "India's Evolving Strategic Response to China" in *Asia-Pacific Regional Security Assessment 2017* (IISS, 2017).

In Spotlight PUBLICATIONS



Nuclear Security in India (2nd edition)

Rajeswari Pillai Rajagopalan, Rahul Krishna, Kritika Singh, Arka Biswas

October 2016

This second edition of the Special Report first published in January 2015, one of the first comprehensive examinations of India's security policies, incorporates key findings from a US field visit, and an update on India's domestic nuclear security policies and regulations. It also undertakes a fresh review of the threat perception in light of the recent terrorist attacks in India and in South Asia in general.



China's Manned Lunar Ambitions: Strategic Imperatives and Implications

Vidya Sagar Reddy

November 2016

China is pursuing a manned lunar mission. This Issue Brief assess key motivations behind this pursuit; makes a case for human exploration of space despite advances in robotic technology; and highlights implications for Asia and the global political order.



Space India 2.0: Commerce, Policy, Security and Governance Perspectives

Edited by Rajeswari Pillai Rajagopalan, Narayan Prasad Nagendra

February 2017

Today, India is recognised as a self-reliant spacefaring nation. This book addresses prevalent policy issues in space and suggests measures to address them. In a world where space exploration

and use carry a multitude of roles that range from peacekeeping to forewarning against disasters, *Space India 2.0* seeks to serve as a guidebook for the country's policymakers.



Discussion panelists

APLN Regional Meeting 2017: South Asia and China

20 January 2017, New Delhi

Members of the Asia-Pacific Leadership Network for Nuclear Non-Proliferation and Disarmament from South Asia and China met to review global nuclear threats. The meeting focused on prospects of global nuclear disarmament, regional nuclear tensions in the Asia-Pacific, and the China-Pakistan-India nuclear deterrence triad. An ORF publication is forthcoming based on the discussion.

Strategic Stability in the Indo-Pacific

1 March 2017, New Delhi

The discussion gauged the impact of recent developments in the Indo-Pacific on strategic stability in the region. The workshop covered developments related to North Korea's nuclear and missile programme, Pakistan's tactical nuclear weapons, China's growing assertiveness and militarisation, uncertainties over US presence and role in the region, and India's ambition as a key regional player.



Rakesh Sood, ORF



Mark Fitzpatrick, Director, Non-Proliferation and Nuclear Policy Programme & Executive Director, IISS-Americas



Leela Ponappa, Former Deputy National Security Advisor



Dheerajsarthak/Wikimedia Commons

A 40-minute documentary ‘Sundarbans: Rising Water, Ebbing Life’ was produced by ORF in English and Bengali. It has been nominated for the ‘Climate Change: Adaptation & Mitigation’ category for the 9th CMS Vatavarn, India’s only international environment and wildlife film festival and forum.

Bangladesh-India Sundarban Region Cooperation Initiative

The BI-SRCI project, handled by members of the ORF Energy Initiative and India’s Neighbourhood Initiative, is engaged in evidence-based advocacy with Track I level stakeholders with the objective of developing a joint Bangladesh-India institutional platform for conservation and development of the Sunderban, within the framework of the MoU on Sundarbans signed by the prime ministers of both countries in 2011. A vision document is forthcoming.

The project is led by ORF, the Policy Research Institute (PRI), Dhaka, and the Institute for Defence Studies & Analyses (IDSA), New Delhi. It is supported by the World Bank, World Wildlife Fund, International Water Association, and EnGio.



Several project consultations have been held in Dhaka, Kolkata, and New Delhi, as well as meetings with key Sundarban stakeholders in West Bengal.



A two-day conference in Kolkata on 24-25 January 2017 gathered 115 stakeholders, such as officials from the Indian Meteorological Department, Zoological Survey of India, Botanical Survey of India, various state government officials, civil society actors, and public representatives from Sunderban.



URBANISATION & SMART CITIES INITIATIVE

Studying the emerging challenges of urbanisation

MISSION STATEMENT

The ORF Urbanisation and Smart Cities Initiative studies emerging challenges of urbanisation, reviews the applicability of successful global practices, and assists policymakers in advancing smart and sustainable solutions. It studies and analyses trends, policies and key challenges. Given a growing global interest in smart cities and launch of a dedicated mission in India, this initiative studies implementation experiences by assessing preparedness and capabilities of state and local agencies in applying smart and technological solutions to various urban problems.

RESEARCH THEMES

- Urbanisation
- Urban and regional planning
- Urban policy and development
- Urban Infrastructure and services
- Urban mobility
- Urban management and governance

FUTURE RESEARCH DIRECTIONS

- Planning for the migrant population
- Housing for the poor
- Water shortage to surplus
- Regional transport connectivity
- Mobility and traffic management
- Reducing car usage and ownership
- Sanitation barriers
- Social inclusion
- Preventing conflict and violence

PARTNERS AND FUNDERS

- Friedrich Naumann Stiftung
- German House for Research and Innovation
- German International Cooperation
- Heidelberg Centre South Asia
- Indian Institute of Architects
- School of Planning and Architecture
- Uber Technologies Inc.

In Spotlight PROJECT

The Future of Urban Mobility

By 2030, India's transportation crisis will reach an all-time high with a dramatic rise in vehicle ownership, urban migration and vehicular emissions. Recognising this, the ORF Cyber Initiative has launched a long-term project on The Future of Urban Mobility to engage stakeholders and ideate solutions. The project will explore the intersection of policy and technology in urban transportation across multiple themes, such as principles for the ridesharing industry, new business models that can provide mobility as a service, and the potential and prospects of data sharing between stakeholders to mitigate the harms of congestion.

In Spotlight FACULTY



Sanjeev Ahluwalia is Advisor at ORF, Delhi. Sanjeev writes on public policy issues at the intersection of economics,

politics, and law, with a focus on governance, political economy, economic regulation, and public financial management. He is a columnist for The Asian Age, TOI blogs, and The Globalist. Sanjeev's blog: <https://ahlu-india.com/>

Joined ORF: May 2014



New-Age Urban Transportation and Disruptive Technologies

Nimisha Pal

April 2016

Following an ORF roundtable on the issue earlier in the year, this Special Report builds on the arguments generated at the roundtable, and reviews emerging

technology innovations brewing in India and in other parts of the world.



Deconstructing the Climate-Conflict Nexus in Urbanising India

Sonali Mittra

June 2016

This paper investigates the various contours of the urban-climate-conflict link in an attempt to reformulate the problem

for a rapidly urbanising India. This paper argues that responses to climate-induced disasters have been shaped by the motivations, perceptions, and interests of different political constituencies to gain power and social ascendancy. Future urban policies need to recognise the complex interplay of political governance, environmental justice, economic development and ecological integrity.



A Tale of Three Cities: India's Exclusionary Urbanisation

Niranjana Sahoo

September 2016

This Issue Brief studies how individuals and groups are included in — or excluded from — urban transitions. It is based on an empirical examination of

inclusion in three Indian cities, part of a project of ORF with the Peace Research Institute Oslo in Norway, and also describes the processes of exclusion that have become embedded in India's urban spaces.



Rethinking the Challenge of Women's Safety in Indian Cities

Meher Soni

October 2016

India's public sphere remains male-dominated, and the government's response to advance public safety of women has been precautionary policies

for women. Taking constructs of 'positive and negative liberty,' this Issue Brief argues that public policy in Indian cities, with respect to gender, tends to focus on negative liberty; a shift to positive liberty is essential.



Smart Cities Movement in BRICS

Edited by Rumi Aijaz

March 2017

This GP-ORF Series publication documents the experiences of BRICS countries with specific methodologies and reform measures they have employed

to make their cities smart and liveable. The papers cover a wide range of subjects, including policy and governance, research methods, financial resources, people's participation, public safety, public services, and environmental sustainability.



Yifan Yu, Tongji University, China; Carlos Henrique Ribeiro de Carvalho, IPEA, Brazil; Arvind Gupta, Digital India Foundation/National Technology Head, BJP, India; Anita Brandon, State Institute of Rural Development, Rajasthan; Alessio Russo, Far Eastern Federal University, Russia; Akhilesh Mishra, MyGov, India



Manoj Bhatt, Director General of Police, Rajasthan



Vasundhara Raje, Chief Minister, Rajasthan

BRICS Smart Cities Conference

17-19 August 2016, Jaipur

The two-day conference was jointly organised by ORF, the Indian Ministry of External Affairs, and the Sardar Patel University of Police, Security and Criminal Justice. An interdisciplinary group of professionals from the government, education and research institutions, think tanks, civil society, and the private sector met to exchange views on smart cities, and to identify solutions for transforming existing cities into smart cities.



Rumi Aijaz, ORF; Ashok Dhar, ORF; Debashis Sen, Additional Chief Secretary, Urban Development Government, West Bengal, and Chairman, Office of the New Town Kolkata Development Authority; Olaf Iverson, Consul General, German Mission, Kolkata

Smart Cities Workshop

9 August 2016, Kolkata

Organised in collaboration with Heidelberg University and GIZ, the workshop discussed the question of smart cities as the panacea for increasing urbanisation problems in India.

In Spotlight **FACULTY**



Ameya Pimpalkhare

is Associate Fellow, ORF Mumbai. Under the guidance of Vivek Sahai,

former Chairman of Railway Board and Distinguished Fellow at ORF Mumbai, Ameya is preparing the SARAL timetable for Mumbai's suburban railway.

Joined ORF: June 2014

Recent publication: "Estimating the rooftop solar PV potential of Mumbai," jointly published by ORF, C-USE, NCPRE, IIT Bombay, Bridge to India, IEEE Mumbai, November 2016.



Rumi Aijaz

is Senior Fellow at ORF Delhi. He studies urbanisation trends and

analyses urban policies and strategies, particularly in the Indian context. His aim is to understand deficiencies in policies and reform measures through empirical research, and offer ideas on managing urbanisation. A series of workshops on smart cities are being conducted in select Indian cities in partnership with prominent Indian and German institutions to gather local perceptions and produce knowledge on how cities situated in diverse physio-climatic regions can be run smartly.

Joined ORF: September 2007

Recent publication: (editor) "Smart cities movement in BRICS," GP-ORF Series, March 2017.



Sayli Mankikar

is Research Fellow at ORF Mumbai. Sayli has been instrumental in ORF's

engagement with the Development Plan Division of the Municipal Corporation of Greater Mumbai. She is currently finishing her second report on a model Open Spaces policy for Mumbai, with the objective of creating a blueprint for the framing of open spaces policies for other cities across India.

Joined ORF: October 2015

Recent publication: "Innovative ideas from students on Mumbai's makeover," ORF report, July 2017.



Chief Minister of Maharashtra Devendra Fadnavis releasing the ORF Mumbai report on 'Drought in Marathwada' in his office in Mantralaya

Maharashtra Adhyayan Kendra

The Maharashtra Adhyayan Kendra initiative was established at ORF Mumbai in 2015 to study local issues and challenges of relevance to the Maharashtra state through publications and communication in Marathi.

It produced its first major report on the issue of drought in the Marathwada region. The report was released by the Chief Minister of Maharashtra, Devendra Fadnavis, in a special meeting organised at Mantralaya. ORF Mumbai's MAK team made a presentation of the salient findings and recommendations of this report to all the District Collectors and Presidents of Zilla Parishads, who were connected from across the state via video conferencing specially arranged for the event.



The report, a result of ground research, provides a macro-level analysis of all relevant issues and recommends a slew of measures for all the stakeholders to mitigate the impact of recurring droughts in the region. It was published in Marathi and in partnership with Vikas Adhyayan Kendra, a Maharashtra-based non-profit research organisation.



Nilesh Bane

Research Fellow, ORF Mumbai
Joined ORF: December 2014

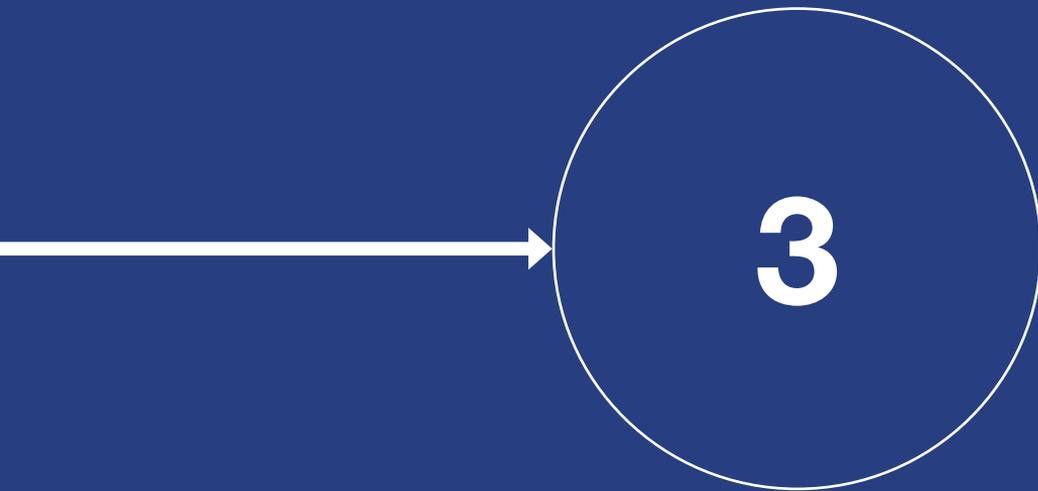


Swarup Pandit

Associate Fellow, ORF Mumbai
Joined ORF: February 2015

Nilesh and Swarup are currently engaged in preparing the draft Master Plan for the establishment of an integrated tribal university in Gondwana taluka of Gadchiroli district in Vidarbha. The interim report is expected to be ready by September 2017.

Recent publication: "Report on drought in Maharashtra."



FORUMS



AFGG is an annual workshop jointly organised by ORF and ZEIT-Stiftung Ebelin und Gerd Bucerius. The forum takes a close look at the Asian region and the challenges facing the global community, with young leaders selected from across the world and diverse fields.

AFGG 2016: 16-25 October 2016, New Delhi

The 6th AFGG dealt with the theme 'Navigating the New Normal: Making Multilateralism Work with Multipolarity.' It is in Asia that a nascent multipolarity and an incipient

multilateralism are engaged in a new conversation, a new adjustment, and are trying to discover a new pathway for beneficial coexistence. The forum saw conversation on the following pillars: Old regimes, new security threats; managing growth, development, climate and rights; dilemmas of democracy; mitigating the threat of terrorism; and global economic interdependencies. 50 young leaders from 33 countries participated in the sixth edition. In addition, the Bucerius Summer School on Global Governance (BSS) and AFGG hosted the BSS-AFGG reunion in the last three days, which saw 100 participants attending from 47 countries.



BSS-AFGG Reunion



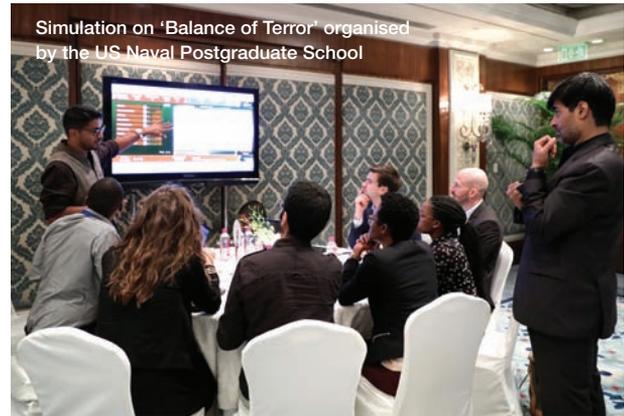
Samir Saran, ORF; Sabine Sparwasser, German Special Representative for Afghanistan and Pakistan; Shashi Tharoor, MP, India



Dimitris Paraskevopoulos, Secretary General, Ministry of Foreign Affairs, Greece



Participants at Agra



Simulation on 'Balance of Terror' organised by the US Naval Postgraduate School



Pranab Mukherjee, then President of India, addressing the BSS-AFGG reunion participants



AFGG 2017: 10-19 January 2017, New Delhi

The 7th AFGG focused on *'Democracy, Diversity & Development: Restrengthening 21st century Multilaterlism.'* Democracy, diversity, and development are three themes that need significant attention as we respond to economic and political challenges that lie ahead. All three are today under threat, and all three by themselves are a threat to global stability. Plenary sessions and discussions were held on subjects such as the interplay between democracy and religion; the effect of populism on international system and globalisation; and big media's credibility in presenting reality. 41 young leaders from 26 countries participated in the seventh edition, and participated in the Raisina Dialogue as the first batch of Raisina Young Fellows.



Barkha Dutt, journalist and columnist



Cultural night at Agra



7th AFGG participants



AFGG session in progress



AFGG session in progress



Anna Caroline Müller, Legal Affairs Officer, WTO



Steffen Kern, Chief Economist and Head of Financial Stability, ESMA, EUWTO



Debating preparation



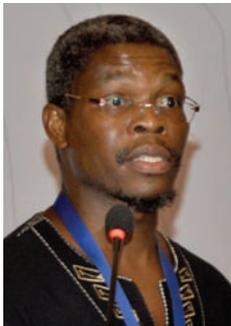
19-22 September 2016, Goa

The ORF BRICS Forum is a Track II initiative that has played a central role in driving the BRICS agenda forward. As the official Indian think tank in the BRICS Think Tanks Council, ORF co-organised and co-hosted the BRICS Academic Forum under the Indian presidency in 2016, along with Research & Information Systems for Developing Countries (RIS). The annual BRICS Academic Forum is an expansive and innovative

format for discussion between academicians from the five countries to deliberate on issues of crucial importance to BRICS and come up with ideas and recommendations for the BRICS Leaders Summit that follows later in the year. The 2016 edition saw conversation on issues ranging from intra-BRICS trade, MSMEs, and international finance and technology transfers, to energy, health, and security threats.



Opening ceremony with Laxmikant Yashwant Parsekar, Chief Minister, Goa



Godfrey Netswera, Academic Director for BRICS, National Institute for the Humanities and Social Sciences, South Africa



Sunanda Sen, Former Professor of Economics, Jawaharlal Nehru University, India



Leonid Grigoryev, Chief Adviser to the Head of the Analytical Center under the Government of the Russian Federation, and Professor, HSE University, Russia; Natalia Piskulova, Professor, MGIMO University, Russia



José Eduardo Malta de Sá Brandão, The Institute for Applied Economic Research, Brazil



Harsh V. Pant, ORF



Panel on 'International Finance and Technology Transfers to Developing Countries and LDCs' – Liu Yong, Chief Economist, China Development Bank; Irina Yarygina, Professor, Financial University under the Government of the Russian Federation; Rajat Kathuria, Director and Chief Executive, Indian Council for Research on International Economic Relations; Paulo Luiz Moreaux Lavigne Esteves, Supervisor of BRICS Policy Center, Brazil



Delegation from China





28-30 September 2016, New Delhi

CyFy is India's flagship event for global digital debates. As data becomes the new currency and internet continues to dissolve national boundaries, CyFy is fast emerging as an indispensable marketplace of ideas where tomorrow's issues are decided today.

The 2016 iteration highlighted the political, economic, and strategic questions that underpin this imperative. With Asia emerging as the pivot for the creation and evolution of norms in cyberspace, the theme for the 2016 edition was 'Digital Asia: Scripting the New Governance Order.' CyFy 2016 saw the participation of over 130 cyber experts from 45 countries. It also hosted, for the first time, 10 governmental delegations. The conversation was modelled along five thematic pillars: digital economy, international engagement, cyber security, access and inclusion, and capacity building.



Saarik Zafar, Special Representative to Muslim Communities, US Department of State; Samir Saran, ORF



Bedavyasa Mohanty is Associate Fellow at ORF Delhi. His current work focuses on

encryption and cross-border data sharing for law enforcement. He is also involved in examining international law as applicable to lethal autonomous weapons and global cyber norms. He coordinates ORF's Cyber Security Capacity Building programme for Indian law enforcement agencies.

Joined ORF: June 2015

Recent publication: "Making India-US data sharing work," ORF Special Report, August 2017.



Madhulika Srikumar is Junior Fellow at ORF Delhi. She works on the intersection of

policy, law and technology—how the law can act both as a safeguard and enable adoption of emerging technologies. She looks at the relationship between the user, data collector and the state; cooperation between stakeholders to secure India's ICT infrastructure; and the creation of cyberspace norms.

Joined ORF: October 2016

Recent publication: "Preparing for the future of urban mobility in India," ORF Special Report, July 2017.





Anahita Mathai, previously at ORF; Burcu Kilic, Policy Director, Public Citizen; Kelly Kim, General Counsel, OpenNet Korea



Philippp Metzger, Director General, Swiss Federal Office of Communications (BAKOM)



Arvind Gupta, then Deputy National Security Advisor, India, delivering Valedictory Address



Ankhi Das, Director of Public Policy, Facebook, India and South & Central Asia
Ankhi Das is the Director of Public Policy and regulatory affairs experience in sector; her primary responsibilities are to lead Facebook's efforts on consumer governance, promoting access and Open Internet, privacy, data security, and political risk management for the company. In this role, Ankhi directs 11 engagements with stakeholders in India, South & Central Asian countries. An Vice-Chair of the USIBC Digital Economy Committee. Prior to joining Facebook she was the Public Policy Director at Microsoft. Ankhi graduated from L1 University of Calcutta, and PG specializing in International Relations and Political Journalism from Nirma University.

DIGITAL DEBATES 2016
 Edited by: **Samir Saran**

The CyFy journal, *Digital Debates*, explores conversations around internet policy that have taken centre stage in domestic and international politics. The 2016 edition explored the digital trilemma of reconciling security, rights, and access.

Panel on 'Internet Economy' – Chandan Kumar, Head, Marketing and Official Spokesperson, Huawei India; Angela Simpson, Deputy Assistant Secretary, National Telecommunications and Information Administration, US Department of Commerce; Nazneen Sultana, Managing Director, Grameen Communications; Ankhi Das, Director, Public Policy – India and South & Central Asia, Facebook; Kaja Ciglic, Senior Cybersecurity Strategist, Microsoft; Rajat Kathuria, Director and Chief Executive, Indian Council for Research on International Economic Relations



16-18 February 2017, New Delhi



G. Madhavan Nair, Former Chairman, ISRO



Panel on 'Collective Governance of the Global Commons' – Daniel Porras, Associate, LMI Advisors; Rakesh Sood, ORF; Jarmo Sareva, Director, UN Institute for Disarmament Research; Francois Rivasseau, Envoy for Space, Head of Security Policy and Space Division, European External Action Service; Vladimir Korovkin, Head, Research in Innovations and Digital Technology, Skolkovo Institute of Emerging Markets Studies, Moscow; Sergio Marchisio, Full Professor of International Law, University La Sapienza of Rome

The ORF Kalpana Chawla Annual Space Policy Dialogue is a congregation of representatives from all key spacefaring nations that aims to explore the challenges and provide innovative solutions in all dimensions of outer space activities, including security, governance, commerce and science, and technology. The third edition of the dialogue saw discussions on space financing, emerging space actors, space applications, space security, and global governance. It highlighted the need to draft a national space policy supporting a space industry ecosystem inclusive of all the different stakeholders



Lt. Gen. P.M. Bali, Director General, Perspective Planning, Indian Army



Salem Humaid Al Marri, Assistant Director General, Scientific & Technology Affairs, Mohammed Bin Rashid Space Centre, UAE



Sridhar Ramasubban, Sales Lead, Team Indus



A. Sivathanu Pillai, Honorary Distinguished Professor, ISRO



Panel on 'Transponder Capacity for Broadcasting and Broadband over India' – R. Ashok, Former Member, Telecom Regulatory Authority of India; D.S. Govindarajan, President, Anisara Space; Smita Jha, Hindustan Times; Prashant Butani, Senior Sales Director for South Asia, MEASAT; K. Krishna, CTO & Regulatory Head, Hughes Communications India Ltd.



Lt. Gen. B.S. Nagal (retd.), former Commander, Strategic Forces Command



Rajeswari Pillai Rajagopalan, ORF; Narayan Prasad, Co-Founder, Dhruva Space; G. Madhavan Nair; Sunjoy Joshi, ORF



17-19 January 2017, New Delhi



Indian Prime Minister Narendra Modi delivering the inaugural address



Boris Johnson, Secretary of State for Foreign and Commonwealth Affairs, UK

Raisina Dialogue, India's flagship conference on geopolitics and geo-economics, has emerged as a global platform to discuss, debate, and deliver policy solutions related to Asian politics, economics, and security issues.

The 2017 iteration of the Raisina Dialogue focused on 'Navigating Asia's New Normal: Multilateralism with Multipolarity.' It was inaugurated by the Prime Minister of India Narendra Modi. The 2017 edition hosted over 120 speakers from over 65 countries, with nearly 800 delegates in attendance. Themes ran from discussing how to make G20 help fulfill SDGs and Asia-Pacific politics to women in the new world order and sharing Asian experiences on universal health coverage.



Panel on 'Big Power Politics & New Challenges' – Prakash Sharan Mahat, then Foreign Minister, Nepal; M.J. Akbar, Minister of State, Ministry of External Affairs, India; Hamid Karzai, former President, Afghanistan



Panel on 'Evolving Politics of the Asia-Pacific' – Michael Pillsbury, Consultant, Department of Defence, US; VADM Herve de Bonnaventure, Deputy Director General, International Relations and Strategy (MoD), France; Indrani Bagchi, Diplomatic Editor, Times of India; VADM Girish Luthra, Flag Officer C-in-C, Western Naval Command, India; Gen. Sir Chris Deverell, Commander, Joint Forces Command, UK



Indian Foreign Secretary, S. Jaishankar



Jacques Audibert, then Diplomatic Advisor to the President, France; Samir Saran, ORF



Release of Defence Primer 2017 – Admiral Harry B. Harris, Commander, US Pacific Command; Pushan Das, ORF, co-editor of publication



Sujata Mehta, then Secretary (West), Ministry of External Affairs, India



Pushan Das is Programme Coordinator at ORF Delhi. He is currently working on issues related to Indian military modernisation with a focus on air power. He is the coordinator of the Raisina Dialogue, and the co-editor of the annually published edited volume *Defence Primer*.

Joined ORF: February 2015
Recent publication: "India's quest for armed drones," LiveMint, July 2017.

RAISINA FILES 2017

Edited by **Harsh V. Pant** and **Ritika Passi**

Raisina Files, an annual ORF publication, is a collection of essays published and disseminated at the time of the Raisina Dialogue. It strives to engage and provoke readers on the key, contemporary questions and situations that are implicating, and will implicate, the world and India. The 2017 edition explored the reality of an 'Asian Century.'





VICE PRESIDENT'S MESSAGE

Fostering symbiotic linkages with contemporary constituencies

AS nations undergo technological, political, and economic transformations, Observer Research Foundation, a thought leader in the policy space, is at the forefront to uncover their broader implications. Clearly, there are new terrains to cover, new conversations to have, and new solutions to discover. The templates from the Atlantic system may no longer be valid. Yet, the 20th century governance frameworks remain inured to this change. The role of ORF is to catalyse the evolution of governance models of the old world into policy prescriptions for the new age, to adapt brick and mortar laws for the information era. It is the drivers of this new reality – the contemporary constituencies – that ORF must engage with. Our partnerships and institutional development has to take this into account.

There are four constituencies in particular. First, the youth, affected by and affecting the evolution of societies; virtually and on the streets. Second, technologists, who are the scribes of the innovation story. Third, the polity that is custodian of the governance framework, which responds to these disruptions. And fourth, key interlocutors, who shape global and domestic norms and policies. These are the constituencies that will play no small roles in the different stages of policymaking – ideation, formulation, and implementation.

The internet has enabled increasing public engagement by lending voice to those who were once marginalised. This agency for billions creates new policy posers. For example, the universalisation of access also results in the aggregation of deviants, best illustrated by the transnational wave of radicalisation. This crisis of misinformation can, however, be addressed through the very medium that perpetuates it – the internet. ORF's Countering Violent Extremism project seeks to engage with the most susceptible and the most potent demographic, the youth. ORF believes these young minds should be a part of the political and policy response to managing the internet and countering extremism. In collaboration

Samir Saran is Vice President at ORF, Delhi. He spearheads ORF's outreach and business development activities, curates Raisina Dialogue, and chairs CyFy. Samir is also a Commissioner at the Global Commission on the Stability of Cyberspace. He is currently working on a book on global governance in the 21st century that is implicated by technology, nationalism, and identity.

Joined ORF: 2008

Recent publication: *India's Climate Change Identity: Between Reality and Perception* (Pgrave Macmillan: 2017).

with Facebook, ORF is reaching out to over 2,000 students from over 300 higher education institutions in India to design campaigns to counter extremist narratives online.

Online radicalisation, however, is only one of the many challenges posed by technology. We have moved beyond Lessig's 'code is law' paradigm. Today, code is the world we live in. With most of our lives spent online, the virtual becomes the real. Codes decide our choices and preferences, and subsequently the pathways of our existence. This affects policy design. What do we regulate – human choices or the algorithms that influence them? This influence permeates not just our perceptions but also our actions, shaping how we engage and express, experience and relate.

In this new status quo, our lives are chronicled through datasets, posing serious implications for governing data and governing through data. In response, ORF, along with the William and Flora Hewlett Foundation, is engaging with principal players in this arena. The idea is simple – bringing together policymakers and tech companies to answer complex questions on security, on ownership of data and access to it, and consequently on the centrality of encryption and safe spaces for the digital economy. With the Foreign & Commonwealth Office, UK, ORF is creating new platforms that build capacity among India's law enforcement agencies to tackle emergent cyber threats.

The securitisation of these debates, however, often overshadows the social impact of technology. At the first 'Power of Progress' conference in San Francisco, ORF will bring together Silicon Valley innovators with those that foster change for the bottom of the pyramid from India and elsewhere. Technology's potential to offer solutions for the emerging world will need to be unlocked through unconventional thought and progressive policymaking. To address the increasing access inequity in India's urban hubs, ORF, along with NITI Aayog, is working at the intersection of policy and technology to ideate solutions for urban transportation.

We are also excited about our new partnership with the World Economic Forum on the future of work, geopolitics, and outer space – the first of its kind that WEF is entering into with a not-for-profit entity. Finally, ORF has begun engaging on an array of new debates – on gender and AI, on the startup generation, on digital identity, on health and social policy, to name a few – which means new relationships with varied stakeholders to look forward to.

In the coming years, ORF will continue to foster the symbiotic linkages with contemporary constituencies in emerging areas of debate through the partnerships we build and cement.

—Samir Saran



ANNEX

ORF is registered at Delhi under the Societies Registration Act XXI of 1860 as a not-for-profit organisation. Donations to ORF enjoy Income Tax exemption under Section 80G of the Income Tax Act, 1961. ORF follows the financial year from April to March. Statement of Accounts, audited by a qualified and registered Chartered Accountant, is submitted to the concerned departments in India as per the statutory requirements. Internal audit is conducted by a qualified and registered Chartered Accountant's Firm periodically. All donations received by ORF from donors outside India are received as per the FCRA (Foreign Contributions Regulation Act) guidelines. Section 6(1) of the FCRA inter alia provides that an association (organisation) registered under the FCRA shall intimate to the Central Government in India the amount, source and the manner in which such foreign contribution is received and the purpose for and the manner in which such contribution is utilised. These foreign contributions are to be received only through a particular registered and designated bank. For any information on the ORF's financing, please contact: Honorary Secretary, Observer Research Foundation, 20 Rouse Avenue, New Delhi 110002 (Email: baljitkapoor@orfonline.org).

Funds utilisation as per the audited accounts of financial year 2016-17 is shown below. Besides the sums shown, the asset value of ORF's building and infrastructure, Rs 60 million, has been provided at no cost and on a permanent basis by ORF's corporate benefactors. All figures shown are in Rupees (INR).

Balance Sheet (as on 31st March 2017) :

PARTICULARS	SCHEDULE	AS AT 31.03.2017	AS AT 31.03.2017
SOURCES OF FUNDS:			
Corpus	I	19,69,69,782.11	17,23,19,736.57
Payables	II	43,73,800.18	20,18,993.20
Unspent Contributions (FCRA)		4,67,32,436.61	2,12,68,832.19
Unspent Interest FCRA		7,60,820.65	7,52,853.65
TOTAL		24,88,36,839.55	19,63,60,415.61
APPLICATION OF FUNDS			
FIXED ASSETS	III	5,79,71,142.80	6,02,43,071.80
INVESTMENTS:			
Fixed Deposits		12,20,87,826.21	9,50,91,720.13
GOI Saving Bonds		-	30,00,000.00
CURRENT ASSETS, LOANS & ADVANCES:	IV		
Cash & Bank Balances		6,10,62,882.37	2,40,22,789.22
Security Deposits		17,500.00	74,500.00
Advance for Bhopal Land		4,03,330.00	4,03,330.00
Other Receivables		36,01,560.27	1,00,73,296.08
Prepaid Expenses		7,05,071.00	6,74,922.00
Income Tax Refundable		29,87,526.90	27,76,786.38
Total		24,88,36,839.55	19,63,60,415.61

ORF Transparency Initiative

In an endeavour to improve financial practices, ORF now uploads details of both domestic and foreign contributions on its website:



www.orfonline.org/declaration-of-contributions/

Income & Expenditure account for the year ended 31st March 2017:

PARTICULARS	AS AT 31.03.2017	AS AT 31.03.2016
INCOME:		
Foreign Contributions for designated Projects	8,06,32,925.25	7,43,76,986.56
Voluntary Contributions (Projects)	3,36,51,315.46	1,59,59,925.11
Voluntary Contributions (General)	-	16,80,00,000.00
Interest	1,32,60,318.06	1,48,37,097.38
Other Income	4,20,177.00	1,10,614.42
TOTAL (A)	12,79,64,735.77	27,32,84,623.47
EXPENDITURE		
EXPENDITURE ON PROJECTS:		
Expenditure on Designated FCRA Projects	8,17,41,568.25	7,49,62,071.91
CRM Initiative Project	57,73,733.00	1,08,87,225.00
International Initiative Project	6,84,42,480.42	5,08,40,083.89
ISS Project	96,76,609.00	61,25,544.00
National Initiative Project	3,78,84,486.52	1,08,76,524.18
Outreach & Development Initiative Project	1,73,09,546.96	1,69,11,022.08
India China Centre	1,33,19,045.00	1,07,31,810.00
Mumbai Initiative	8,32,57,307.97	5,30,40,077.72
OTHER EXPENSES :		
Staff Salaries & Benefits	89,10,509.00	82,54,517.00
Printing & Stationery	3,55,353.00	2,05,501.00
Travelling & Conveyance	4,97,145.00	6,63,525.00
Office	11,48,111.00	12,09,380.00
Communications	20,96,041.00	25,64,833.00
Utilities	44,76,641.00	59,61,516.00
Repair & Maintenance	41,08,447.00	33,35,383.00
Honorarium & Retainership Fee	15,65,720.00	17,27,879.00
Meeting & Conferences	9,55,140.00	5,18,053.00
Office Lease Rent	64,680.00	64,680.00
Computers & Maintenance	15,30,303.00	16,45,966.00
Books & Periodicals	11,23,748.80	11,25,965.14
Other Expenses	2,06,145.31	3,14,868.57
Depreciation	22,71,929.00	25,32,100.00
Total	34,67,14,690.23	26,44,98,525.49
(Deficit)/Surplus for the year (A) - (B)	(21,87,49,954.46)	87,86,097.98
(Deficit)/Surplus transferred to Corpus	(21,87,49,954.46)	87,86,097.98

Schedule - I

CORPUS FUND	
Opening Balance	17,23,19,736.57
Addition during the year	24,34,00,000.00
Add: (Deficit)/Surplus for the Year	(21,87,49,954.46)
Total	19,69,69,782.11

Schedule - II

PAYABLES	
1. Expenses Payable	38,10,779.18
2. TDS Payable	5,63,021.00
Total	43,73,800.18

Schedule - III

DEPRICIATION CHART (AS PER INCOME TAX ACT 1961)						
Fixed Assets	Rate of Depreciation	WDV as on 01.04.2016	Addition	Discarded	Depriciation	WDV as on 31.03.2017
Land at Delhi	0%	26,92,557.00	-	-	-	26,92,557.00
Land at Kolkata	0%	3,52,25,670.80	-	-	-	3,52,25,670.80
Building at Kolkata	10%	2,15,35,961.00	-	-	21,53,596.00	1,93,82,365.00
Office Equipment	15%	8,058.00	-	-	1,209.00	6,849.00
Plant & Machinery	15%	7,80,825.00	-	-	1,17,124.00	6,63,701.00
Total		6,02,43,071.80			22,71,929.00	5,79,71,142.80

Schedule - IV

CASH & BANK BALANCES	
1. Cash on Hand	1,07,903.01
2. Bank Balances (Others)	1,54,74,586.37
3. Bank Balances (FCRA)	4,54,80,392.99
Total	6,10,62,882.37

Schedule - V

ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS

(A) ACCOUNTING POLICIES

- The foundation generally follows mercantile system of accounting except for income from membership fees, subscriptions, rent, royalty and interest earned on bonds which are accounted for on cash basis.
- Non refundable / recoverable payments like subscription for periodicals are recognized in the year of payment.
- Fixed assets are stated at historical cost. Cost of additions out of voluntary contributions after 01.04.2005 are being debited to the Income and Expenditure Account in the year of purchase.
 - Cost of additions out of the Corpus Fund are not being debited to the Income & Expenditure Account.
- Depreciation is provided on WDV method at the rate prescribed in Income Tax Rules, 1962.
- Sums received after deduction of tax at source are treated as contributions.
- Investments are stated at cost. The fixed deposits with the banks are inclusive of interest accrued till the year end.
- Income from Foreign Contributions and interest thereon is recognized to the extent utilized. Expenditure on projects to be funded by foreign contribution is recognized on receipt of the contribution.
- Expenditure on projects as appearing in the Income & Expenditure A/c comprises of Direct Expenses only.

(B) NOTES TO ACCOUNTS

- Previous year figures have been regrouped / rearranged wherever necessary. Where comparable figures, for the previous years, are not available the same are not stated.
- Interest includes Rs. 11,08,643.00 received in FCRA Saving Bank Account.

Signed by:

- Vikas Aggarwal (Proprietor, Vikas Satish & Company—Chartered Accountant)
- Chairman, Hon. Secretary and Hon. Treasurer, Observer Research Foundation

LIST OF EVENTS

2016

APRIL

- 1 Roundtable discussion on **Buddhist Heritage: An Ancient Bond** with scholars from Dunhuang Academy, China
- 2 Talk on **Indian Economy in Contemporary Global Context** by S. Narayan, IAS (retd)
- 4 Conference on **Digital Transformation and Democracy**
- 5 Talk on **Russian Foreign Policy** by Dmitri Trenin, Director, Carnegie Moscow
- 8 Roundtable on **Balochistan at Crossroads: The Worlds Needs a Conscience** by Naela Qadari Baloch, politician and activist
- 9 Talk on **What the Trends and Moods in the US Presidential Primaries Indicate** by Sridhar Krishnaswami, Head, Department of Journalism and Mass Communication SRM University
- 13 Talk on **WTO: The Path to MC 11** by Alexandre Parola, Head, Economics Department, Ministry of Foreign Affairs, Brazil
- 20 Meeting with **regional US ambassadors**
- 23 Talk on **PM Modi's Visit and India-EU Relations** by M. Ganapathi, IFS (retd)
- 23 Agenda for **Discourse on Development Alternatives (ADDA-1)**
- 26 Talk on **Expanding Dimensions of India-Republic of Korea Partnership** by Amb. Cho Hyun, RoK
- 26 Interaction with officials from the Ministry of Foreign Affairs, Indonesia, and representatives from the Consulate of Indonesia in Mumbai on **IORA**
- 26 Release of the booklet **One Home One Toilet** by Pallavi Darade, Additional Municipal Commissioner, Municipal Corporation of Greater Mumbai
- 27 Visit of BMGF delegation for an ORF Datalabs demonstration
- 28 Interaction with Moroccan business delegation
- 28-29 Conference on **Digital BRICS Conclave**
- 30 Talk on **Myanmar: Is Democracy a Half-way Street?** by Col. R. Hariharan (retd)

MAY

- 4 Interaction with South African diplomats
- 4 Conference on **Leave No One Behind: Making the World Humanitarian Summit Relevant for Developing Countries**

- 5 Release of report on **drought in Marathwada** by Mumbai Chief Minister Devendra Fadnavis
- 6 Meeting on National Intelligence Council on India's Economic Prospects
- 7 Talk on **Election and its Integrity** by M.G. Devasahayam, IAS (retd)
- 10-11 ORF-CFR Track 1.5 **US-India Cyber Dialogue**
- 11 Roundtable discussion on **Current International Sanctions Landscape in Iran**
- 12 Conference on **Helping Secure Asia's Future through Enhanced US-India Defense Partnership**
- 14 Talk on **India: Neighbourhood Trade and Investments** by Somi Hazari, Chairman, Foreign Trade Panel, FICCI (Tamil Nadu State Council)
- 17 Visit of David Shear, Assistant Secretary of Defense, US
- 17 Conference on **Cooperation in Mutual Legal Assistance Treaties**
- 18 Interaction with delegation from Chinese think tanks
- 18 Visit of delegation from UK's Independent Commission on Aid Impact (ICAI)
- 19 Conference on **Defence Intelligence: Current Approaches and Opportunities**
- 20 Interaction with Auroop Ganguly and students, Northeastern University, Boston, on **India's developmental policies**
- 20 Visit of Chinese delegation from PRCEE
- 24 Conference on **Does Health Win Votes? If Not, Why Not?**
- 26 Conference on **Cybersecurity in the Indo-Pacific**

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JUNE

- 1 Brainstorming session on **Deepening Agrarian Crisis – The Way Forward**
- 2 Panel discussion on **Dream of a Green Marathwada**
- 4 Talk on **India-Mauritius Relations and Double-Taxation Avoidance Convention** by M. Ganapathi, IFS (retd)
- 7 Talk on **Challenges and Prospects of Japans Diplomacy in the Context of India-Japan Relationship** by Amb. Kenji Hiramatsu, Japan
- 10 Talk on **Current Developments in Nepal and India-Nepal Relations** by Kamal Thapa, Deputy Prime Minister and Foreign Minister, Nepal
- 13 Discussion on **US Elections and Implications for Asia** with Joyce Peppin, Majority Leader, Minnesota House of Representatives and Jeff Morris, State Legislator, Washington House of Representatives
- 13 Book discussion on Maharaja Krishna Rasgotra's **A Life in Diplomacy**
- 15 Talk on **Canada and India in a Changing World** by Christopher Alexander, former Minister of Citizenship and Immigration, Canada
- 16 Visit of Australian delegation
- 18 Talk on **Understanding Nepal's Woes** by Col. R. Hariharan (retd)
- 21 Roundtable discussion on **India-Japan Partnership in the Present Context** with Shingo Yamagami and Ryosuke Hanada, JIIA
- 22 Book launch and discussion of Amb. Shaida Abdali's **Afghanistan-Pakistan-India: A Paradigm Shift**
- 22 Visit of Executive Director, JIIA
- 23 Interaction on **current situation in Maldives** with delegation led by Ahmed Naseem, former Foreign Minister, Maldives
- 24 **2nd ORF-Yonsei University Dialogue: Prospects of Regional Cooperation: India-Republic of Korea Partnership**

- 24 Interaction with Peter Burian, EU Special Representative for Central Asia
- 28 Press conference to announce **Mumbai-Karachi Friendship Forum initiative** and its first event, Tasveer-e-Mumbai and Tasveer-e-Karachi – Photography for India-Pakistan Peace
- 27-28 **9th ORF-ECC Conference**
- 28-30 Track 1.5 **India-France Dialogue**
- 29 Lecture on **Evolution of Photography as an Academic Discipline** by Farah Mahbub, Pakistani fine art photographer

JULY

- 1 Talk by Amb. Zalmay Khalilzad on his new book ***The Envoy: From Kabul to the White House, My Journey through a Turbulent World***
- 2 Talk on **Central Taxes and Issues** by M.R. Sivaraman, former Revenue Secretary
- 2 Talk on **Understanding Mumbai's Development Plan 2014-2034** by Ramanath Jha, IAS (retd)
- 4-5 Conference on **Unleash: Opportunities. Aspirations. Leadership: Promoting Women's Economic Empowerment for Global Change**
- 5 Discussion on **Recent Developments in India-China Relations** with Liu Jinsong, Charge d'affaires, Embassy of China
- 5 Panel discussion on **Brexit, India, Europe and the World**
- 7 Conference on **Rightsizing the Indian Military**
- 8 **2nd ORF-RIO Think Tank Forum: Role of State/Province in India-China Relations**
- 9 Talk on **Maldives: Where from Here, India Relations** by N. Sathiya Moorthy, Director, ORF Chennai
- 9 Conference on **India-Bangladesh Connectivity: A Year after Modi's Visit**
- 15 Book discussion on Arjun Subramaniam's ***India's Wars: A Military History - 1947-1971***
- 16 **Women's INK: The Editor's Summit**
- 18 **Mumbai-Karachi Friendship Forum's Homage to Abdul Sattar Edhi**, Pakistani social reformist and philanthropist
- 19 WEF-ORF dialogue on **Shaping the Future of Digital in South Asia**
- 19 Visit of delegation from RUSI, London
- 20 Conference on **China and the South China Sea Issue**
- 20 Conference on **Internet Jurisdiction: More Cooperation or Less Global Internet**
- 23 Talk on **Twenty-Five Years of Economic Reforms** by K. Subramaniam, former Joint Secretary, Ministry of Finance
- 23 Talk on **World after 70 Years of the United Nations** by Shashi Tharoor, MP, Lok Sabha
- 23 Talk on **Sevagram to Nirman: In Search of Education and Self** by Abhay Bang, Director, SEARCH, and release of Prahlad Kathole's **Gosht Guru Ghadnyachi**
- 25 Discussion on **Better Data for Better Health: Developing an Indian Approach on Indicators to Achieve Sustainable Development Goals**
- 25 Discussion on **India and Regional Mega-Trade Agreements** with Amb. Robert Holleyman, Deputy US Trade Representative, and Shyam Saran, IFS (retd), Chairman, RIS

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- 27 Book discussion on Yamini Chowdhury's and Anusuya Diya Chowdhury's ***Modi and the World – The Ring View Inside Out***
- 28 Roundtable discussion on **School Reforms for Inclusive Education**
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AUGUST

- 1 Release of report **INDIA@70 – An Appeal for the Creative Transformation of Azad Maidan and August Kranti Maidan** by Ch. Vidyasagar Rao, Governor of Maharashtra
- 2 Interaction with MPs from Jatiyo Party, Bangladesh
- 4 Conference on **China's Rural Development and Possible Reference for India**
- 5 Roundtable discussion on **New initiatives in Bangladesh-India Relations** with delegation of MPs from Bangladesh
- 6 Talk on **Madras, Metropolis to Megapolis: Infrastructure, Adequacy and Inadequacies** by M.G. Devasahayam, IAS (retd)
- 9 Visit of Laurel E. Miller, Deputy Special Representative for Afghanistan and Pakistan
- 9 ORF-HCSA **Workshop on Smart Cities**
- 12 Visit of delegation from PRI, Ministry of Finance, Japan
- 12 Conference on **Multistakeholder Consultation on Encryption Policy**
- 16 Interaction on **Emerging South Asia and Security Challenges** with delegation from National Defence College, Bangladesh
- 17 Conference on **State of Pulses in India**
- 17-19 Conference on **BRICS Smart Cities**
- 18 Interaction with Hasanul Haq Inu, MP, Minister of Information, Bangladesh
- 20 Talk on **Madras, Metropolis to Megapolis: Social Mobility & Demography** by Sujatha Natarajan, patron and ex-President, Family Planning Association of India
- 22 Discussion on **Refugees and Right wing Populism: Experiences from Eastern Germany** by Marie Luise von Halem, Member of State Parliament in Brandenburg, Green Party
- 24 Talk on Bodhidharma and **Teaching without Words** by Charles Willemen, Professor, International Buddhist College, Thailand
- 26 Visit of Peter Cai, Lowy Institute
- 27 Talk on **Madras, Metropolis to Megapolis: Psychology of a Changing Social Fabric** by Ravi Samuel, cognitive behaviour therapist
- 29 Discussion with Pierre Krähenbühl, Commission-General, UNRWA
- 30 Talk on The Coup, **Gulen Movement and Future of Democracy in Turkey** by Anwar Alam, Professor, Zirve University, Turkey
- 31 Address by John F. Kerry, Secretary of State, US
- 31 Roundtable discussion on **Countering Violent Extremism**
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SEPTEMBER

- 2 Interaction with Richard Ghiasy and Jiayi Zhou, SIPRI
- 5 27th ORF Foundation Day
- 7 Interaction with Turkish scholars
- 12 Roundtable discussion on **From Paris to Marrakesh: Indian Expectations from COP 22**

- 15 Talk on **Economic Implications of Brexit for the EU, UK and India** by Sebastian Dullien, Professor, HTW Berlin – University of Applied Sciences and Senior Policy Fellow, ECFR
- 18-19 **Indian Think Tank Dialogue on Rising Powers**
- 19-23 **8th BRICS Academic Forum**
- 24 Roundtable discussion on **National Education Policy: Suggestions for Higher Education** to discuss MHRD's Draft National Education Policy – 2016
- 25 Talk on **India: Maldives & Sri Lanka - Straws in the Wind** by N. Sathiya Moorthy, Director, ORF Chennai
- 26 Discussion on **Prospects for EU-India Security Cooperation**
- 27 Talk on **The Upcoming US Presidential Elections** by Amb. Timothy Roemer
- 27 ORF-CFR Track 1.5 **US-India Cyber Dialogue**
- 28-30 **4th CyFy**
- 30-1 Oct **Conference on Digital Payments: Inclusion, Growth and Opportunities**

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OCTOBER

- 1 Talk on **Statecraft and Security in J&K: Collapse of Governance** by Gopalji Malviya, former Head, Department of Defence and Strategic Studies, University of Madras
- 3 Interaction with a delegation of journalists from Bangladesh
- 3 Visit of Media Ambassadors India-Germany
- 4 Address on **Communicating India's Soft Power: Buddha to Bollywood** by Daya Thussu, Professor, University of Westminster
- 5 Talk on **Brexit and the Future of Europe** by Göran Persson, former Prime Minister, Sweden
- 6 Discussion on **UN GGE**
- 13 Talk on In a **World with 10 Billion People, What Will 8 Billion Do?** by Rajan Gupta, Los Alamos National Laboratory
- 13 Roundtable discussion on **India-Japan Partnership**
- 13 Visit of Purnendra Jain, Professor, University of Adelaide
- 15 Panel discussion on **Cauvery Water-Sharing**
- 15-25 **6th AFGG**
- 21 **Delhi Digital Diplomacy Day**
- 22 Talk on **Putin's Poll Victory and Russia-India Relations** by M. Ganapathi, IFS (retd)
- 23-25 **BSS-AFGG Reunion 2016**
- 24 Talk on **Post-Brexit Impact on Europe** by Frederik Lofthagen, Interel
- 24 Talk on **Digitalising the Indian Capital Market** by C. B. Bhave, former Chairman, SEBI
- 24-25 Conference on **Twenty-five Years of Economic Reforms in India: Retrospect and Prospects**
- 26 Visit of delegation from Fiji
- 26 Conference on **Streamlining National Statistical System for Health and Nutrition**
- 27 Interaction with US Coast Guard

30-1 Nov 9th Council of Council regional conference in Berlin: **Regional Security in a Turbulent World**

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NOVEMBER

- 5 Talk on **Brexit and EU Trade** by G. Sundaram, IAS (retd)
- 8 Talk on **Managing the New China** by Stefan Harper, Cambridge
- 9 Roundtable on **The Commonwealth: Trade and Economic Opportunities**
- 10 Interaction with Jean-Paul Laborde, UN counter-Terrorism Committee Executive Directorate
- 11 Visit of delegation from Intelligence Assessment Secretariat, Canada
- 11 Conference on **Future of Europe: Challenges and Opportunities**
- 12 Talk on **India-US Ties post US Elections** by Narayan Lakshman, Senior Deputy Editor, The Hindu
- 16-17 Conference on **The Future of Our Past: Conserving Historic Cities in South Asia**
- 17 Special address on **India-Israel – 25 Years of Partnership – the Way Forward** by Reuven Rivlin, President, Israel
- 18 Discussion on **Security and Access: Strengthening the Digital Economy**
- 19 Talk on **Understanding Armed Forces Special Powers Act** by Col. Francis (retd)
- 21 Talk on **EU's and India's policy priorities in Asia-Pacific** by Gunnar Wiegand, Managing Director for Asia and the Pacific, European External Action Service
- 25 Talk on **KASHMIR: Reasons for the Unrest, Pathways to Peace** by A.S. Dulat, Former Chief, RAW
- 26 Talk on **Where from here Demonetisation?** by V. Nagappan, analyst
- 28 Roundtable discussion with Amb. Bilahari Kausikan
- 29 Talk on **Addressing Non-Proliferation and Disarmament Challenges** by Amb. Franz Josef Kuglitsch, Director for Non-proliferation and Disarmament, Foreign Ministry, Austria
- 29 Visit of delegation from Hudson Institute
- 30 Book discussion on Sreeram Chaulia's **Modi Doctrine: The Foreign Policy of India's New Prime Minister**
- 30 Release of **Babasaheb Ambedkar's biography** (originally written by Tanaji Kharavtekar in Karachi 1946) by Raosaeb Kasbe, Dalit scholar-activist
- 31-1 Dec **Cyber Security Capacity Building** workshop with Jaipur state police agencies

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DECEMBER

- 1 Visit of Joris Geeven, Policy Coordinator for India, Foreign Ministry, Netherlands
- 2 **Tribute to Fidel Castro**
- 3 Special address on **Fighting against Terrorism and Extremism as a Global Menace** by Mohammad Javad Zarif, Foreign Minister, Iran
- 3 Talk on **New Education Policy** by M. Ananthakrishnan, former Vice-Chancellor, Anna University
- 6 Discussion on **Indo-Japanese Cooperation for African Development**
- 6 Talk on **The Hindutva Judgment Revisited** by Ronojoy Sen, NUS
- 7 Visit of Gustavo Martin Prada, Directorate for International Cooperation and Development Policy

- 8-9 Workshop on **Religion and Climate Change in Cross-regional Perspective**
- 12 Panel discussion with David Saperstein, Ambassador-at-large for International Religious Freedom, US
- 15 Workshop on **Dealing with Violent Civil Protest** led by Trinath Mishra, former head of CRPF, CISF and CBI
- 15 Interaction with representatives of the Graduate School of the Chinese Academy of Social Sciences
- 16 Book discussion on Shashi Tharoor's **An Era of Darkness: The British Empire in India**
- 17 Roundtable on **encryption**
- 20 Talk by Brandon Friedman, Research Fellow, Tel Aviv University
- 21 Book launch and discussion: **Deadly Impasse: Indo-Pakistani Relations at the Dawn of a New Century** by Sumit Ganguly
- 21 Talk on **India's Terawatt-Size Challenge: How Soon and With What Fuels Can India Triple Its Electricity** by Robert Bryce, Manhattan Institute
- 22 Talk on **Changes in China's Foreign Policy and Japan-China Relations** by Shin Kawashima, Professor, University of Tokyo
- 24 Talk on **India & the Indian Ocean Neighbours** by N. Sathiya Moorthy, Director, ORF Chennai
- 26 Visit of Faisal Al Rouf, Dean, University of Jordan
- 28 Release of Sudheendra Kulkarni's **August Voices** by Hamid Ansari, Vice President, India

2017

JANUARY

- 1 Discussion on **Brexit and the World with Mr Trump**
- 2-3 **ORF-BEI Seventh India-Bangladesh Security Dialogue**
- 7 Special address on **India and the Portuguese Speaking World – A Partnership for the 21st Century** by António Costa, Prime Minister, Portugal
- 7 Talk on **Multiple Militancy Reviving in South India** by K.V.S. Gopalakrishnan
- 10 Unveiling of a calligraphic message handwritten by Chairman Mao Zedong as a tribute to Dwarkanath Kotnis by Luo Zhaohui, Ambassador of China to India
- 10-17 **7th AFGG: Democracy, Diversity & Development**
- 11 7th R.K. Mishra Memorial Lecture: **The European Union, an Indispensable Actor in an Uncertain World** by Jean-Marc Ayrault, Minister of Foreign Affairs and International Development, France
- 12-13 Visit of students from John Hopkins University
- 13 Discussion on National Intelligence Council's **Global Trends 2035 report Global Trends: Paradox of Progress**
- 16 Book launch and discussion: **Faith, Unity, Discipline: The Inter-Service Intelligence (ISI) of Pakistan** by Hein Kiessling
- 16 Interaction with Polish delegation
- 17-19 **2nd Raisina Dialogue: The New Normal – Multilateralism with Multipolarity**
- 20 Roundtable discussion on **Emerging Trends in World Politics**
- 21 Talk on **Indian Railways: The Way Forward** by K.B. Sankaran, Railway Board

- 23 Interaction on **India and the World**
- 23-24 Conference on **The Role of Online Tools in Humanitarian Assistance/ Disaster Relief**
- 24 Book discussion on Ashok Sharma's *Indian Lobbying and Its Influence in US Decision Making: Post-Cold War*
- 25 Conference on **Sustainable Development of Sunderban: A Comprehensive Agenda**
- 27 Talk on **Rethinking Sino-Indian Relationship in the Era of Globalization** by T.V. Paul, Professor, McGill University
- 30 Launch of the **5th annual Indo-Pak Calendar**
- 31 Talk on **US-China Competition in Asia** by David Shambaugh, Professor, George Washington University and Senior Fellow, Brookings
- 31 Presentation of findings from the Concerned Citizens' Group from its field visit to Kashmir Valley by Yashwant Sinha, former Minister of External Affairs

FEBRUARY

- 2 Talk on **Assessing China's Future** by David Shambaugh, Professor, George Washington University and Senior Fellow, Brookings Institution
- 2-3 Bangladesh-India Security Dialogue
- 3 Roundtable discussion on **Securing Digital Payments: Imperatives for a Growing Ecosystem**
- 4 Talk on **Turmoil in Manipur** by Col. R. Hariharan (retd)
- 4 Release of report *Indian Media's Perception of China: Analysis of Editorials*
- 8 Visit of Pirkko Hämäläinen, Under Secretary, Finland
- 8 Visit of students from University of Melbourne and University of Birmingham
- 8 Press conference and release of the report *Jaayein to Jaayein Kahaan – Finding Answers to Nature's Calls in Maximum City*
- 9 Talk on **The current Middle East (West Asia) – Israeli Perspective** by Eyal Propper, Ministry of Foreign Affairs, Israel
- 9 Book launch and discussion on K. Sujatha Rao's **Do We Care?: India's Health System**
- 11 Talk on **Budget 2017** by S. Viswanathan, founder and editor, Industrial Economist
- 13 Conference on **Indo-Pacific Region: Converging India-Japan Interests**
- 14 Visit of delegation from UK
- 14 Talk on **A Grave New World? The Politics behind Donald Trump's Presidency and its Potential Implications for the United States, India and the International Community** by Stephen Golub, international development scholar and consultant
- 16-18 **3rd Kalpana Chawla Annual Space Policy Dialogue**
- 17 Talk on **The Importance of the Rules-based Multilateral Trading System in Today's World** by Amb. Graça Lima, Brazil
- 18 Visit of delegation of MPs from Myanmar
- 20 **Cyber Security Capacity Building** workshop with Bengaluru state police agencies
- 20 Roundtable discussion on **Water Governance in South Asia**
- 21 Visit of delegation from University of Edinburgh

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- 21 Visit of US congressional staffers delegation
 - 23 Big Bets Match-up Meeting: Workshop on **Make in India....but How?**
 - 24 Talk on **A Quarter Century of Market Reform in India: Winners and Losers** by Dilip Hiro, author and journalist
 - 25 Talk on **Politics and Public Understanding** by N. Sathiya Moorthy, Director, ORF Chennai
 - 27 Talk on **India-Australia Relations: Crafting a Sustainable Partnership** by Amit Dasgupta, IFS (retd), Country Director (India), University of New South Wales
 - 27-28 ORF-ECC conference on **India-Russia Relations**
 - 27-28 **Health Policy Workshop**
 - 28 **Cyber Security Capacity Building** workshop with Mumbai state police agencies

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MARCH

- 1 ORF-IISS workshop on **Strategic Stability in the Indo-Pacific**
- 4 Talk on **Trump's America** by Sridhar Krishnaswami, Head, Department of Journalism and Mass Communication, SRM University
- 6 Roundtable discussion on **The Fourth Industrial Revolution: Challenges and Opportunities** with Thomas D. Philbeck, WEF
- 7 Workshop on Growth, Investment and the Low-carbon Transition in India
- 10 Interaction with Harri Saari, analyst, Defence Command, Finland
- 16 Discussion on China's **Military Modernisation: Recent Trends**
- 16 Talk on Opportunities in Toronto in the Evolving Global Landscape by John Tory, Mayor, Toronto
- 18 Talk on **Understanding GDP** by M.R. Sivaraman, former Revenue Secretary
- 21 Talk on **India-Ethiopia Relations** by Negeri Lencho, Minister of Communication Affairs, Ethiopia
- 21 Interaction with Seyed Alinaghi (Kamal) Kharrazi, former Foreign Affairs Minister, Iran, and his delegation from the Strategic Council on Foreign Relations
- 22 Visit of Chinese delegation
- 22 Visit of delegation from Ministry of Defence, France
- 23 Visit of US Air Force delegation
- 23 Panel discussion on **Integrated River Basin Management: Case Study of Brahmaputra**
- 25 Talk on **Alternatives to River-linkage** by N. S. Venkatraman, chemical engineer
- 27 Book discussion on Manan Dwivedi's **Serendipity and the American Dream: United States' Foreign Policy in a Changing Global Order**
- 28 Talk on **India-Sri Lanka Relations amid Regional Flux** by Sajith Premadasa, MP, Sri Lanka
- 29 Talk on **An Overview of the Rapidly Changing Middle East** by Asher Susser, Senior Research Fellow, Tel Aviv University

LIST OF PUBLICATIONS

BOOKS, MONOGRAPHS & EDITED WORKS

- **Primer 2016**
Edited by Ritika Passi
- **Locating India within the Global Non-Proliferation Architecture: Prospects, Challenges and Opportunities**
Rajeswari Pillai Rajagopalan, Arka Biswas
- **Road from Paris: Ensuring Effective and Equitable Climate Action**
Vikrom Mathur, Aniruddh Mohan
- **Nuclear Security in India**
Rajeswari Pillai Rajagopalan, Rahul Krishna, Kritika Singh, Arka Biswas
- **IRBM for Brahmaputra Sub-basin**
Nilanjan Ghosh, Jayanta Bandyopadhyay, Chandan Mahanta
- **Prospects for EU-India Security Cooperation**
Kanchi Gupta, Samir Saran
- **Raisina Files 2017: Debating the World in the Asian Century**
Edited by Harsh V. Pant, Ritika Passi
- **Defence Prime 2017: Today's capabilities, tomorrow's conflicts**
Edited by Pushan Das, Sushant Singh
- **Space India 2.0: Commerce, policy, security and governance perspectives**
Rajeswari Pillai Rajagopalan, Narayan Prasad

GP-ORF SERIES

- **Digital Debates 2016**
Edited by Samir Saran
- **Emerging Trans-regional Corridors: South and Southeast Asia**
Edited by K. Yhome, Rajeev Ranjan Chaturvedy
- **Line in the Waters: The South China Sea Dispute and its Implications for Asia**
Edited by Abhijit Singh
- **Smart Cities Movement in BRICS**
Edited by Rumi Aijaz

WORKING PAPERS

- **Learning from the Old, Preparing for the New: Designing an Institutional Architecture for India's Development Partnerships**
Urvashi Aneja, Tanoubi Ngangom

OCCASIONAL PAPERS

- **It is Changing After All: India's Stance on 'Responsibility to Protect'**
Dan Krause

- **Games Pakistanis Play**
Abhijnan Rej
- **Wassenaar Arrangement: The Case of India's Membership**
Rajeswari Pillai Rajagopalan, Arka Biswas
- **Regional Trade Agreements: A Strike at Multilateralism?**
Marko Juutinen
- **Levelling Up: The Challenge of Creating Inclusive Cities**
Renu Khosla
- **India-Africa Partnership for Food Security: Issues, Initiatives and Policy Directions**
Malancha Chakrabarty, Vidisha Mishra
- **The Strategist: How Abu Mus'ab al-Suri Inspired ISIS**
Abhijnan Rej
- **The South China Sea Disputes: Territorial Claims, Geopolitics, and International Law**
Manoj Joshi
- **The Future of Nuclear Energy in India**
Aniruddh Mohan
- **Physical Disengagement and Ideological Reorientation among Militants in Kashmir: An Exploratory Study**
Nikhil Raymond Puri
- **Comprehensive Integrated Border Management System: Implementation Challenges**
R.K. Arora, Manoj Kumar
- **Making BITs Less Biting: India's Reform of the Investment Regime**
Katarzyna Kaszubska
- **'Going Dark' in India: The Legal and Security Dimensions of Encryption**
Bedavyasa Mohanty
- **MDGs to SDGs: Reproductive, Maternal, Newborn and Child Health in India**
Priyanka Shah
- **Overcoming Data Challenges in Tracking India's Health and Nutrition Targets**
Oommen C. Kurian
- **Securing property rights in India through distributed ledger technology**
Meghna Bal
- **Countering Insurgency in Kashmir: The Cyber Dimension**
Vinay Kaura
- **Rethinking China's Non-market Economy Status beyond 2016**
Katarzyna Kaszubska
- **An Assessment of India's Readiness for Tracking SDG Targets on Health and Nutrition**
Nandita Saikia Purushottam M. Kulkarni
- **A Guidebook on Pacific Diplomacy: India Looks to the 'Far East'**
Patrick Walsh
- **Russia's Demographic Trajectory: Dimensions and Implications**
Himani Pant

ISSUE BRIEFS & SPECIAL REPORTS

- **New-age Urban Transportation and Disruptive Technologies**
Nimisha Pal
- **Voluntary Licensing: Access to Markets for Access to Health**
Tanoubi Ngangom
- **BBIN Initiatives: Options for Cross-Border Power Exchange**
Mahendra Lama

-
- **The New Economy of Climate Change**
Abhijnan Rej
 - **Nepal's Rahughat Hydropower Project and Indian LOCs**
Prashant Kumar
 - **Understanding the Conflict in Congo**
Harish Venugopalan
 - **Transporting Masses in Urban India: Policy and Fact Disconnect**
Anupam Vibhuti
 - **India's Membership to the Nuclear Suppliers Group**
Rajeswari Pillai Rajagopalan, Arka Biswas
 - **Bold Reform or Empty Rhetoric? A Critique of the World Humanitarian Summit**
Urvashi Aneja
 - **Taking Stock of India's 'Act East Policy'**
Ashok Sajjanhar
 - **Command and Ctrl: India's Place in the Lethal Autonomous Weapons Regime**
Bedavyasa Mohanty
 - **Renewable Energy Subsidies: Reigniting the Clean Energy Trade Debate**
Garima Sahdev
 - **Health is Wealth: Indian Private Sector Investments in African Healthcare**
Tanoubi Ngangom, Urvashi Aneja
 - **Deconstructing India's Position on the Trade in Services Agreement**
Katarzyna Kaszubska
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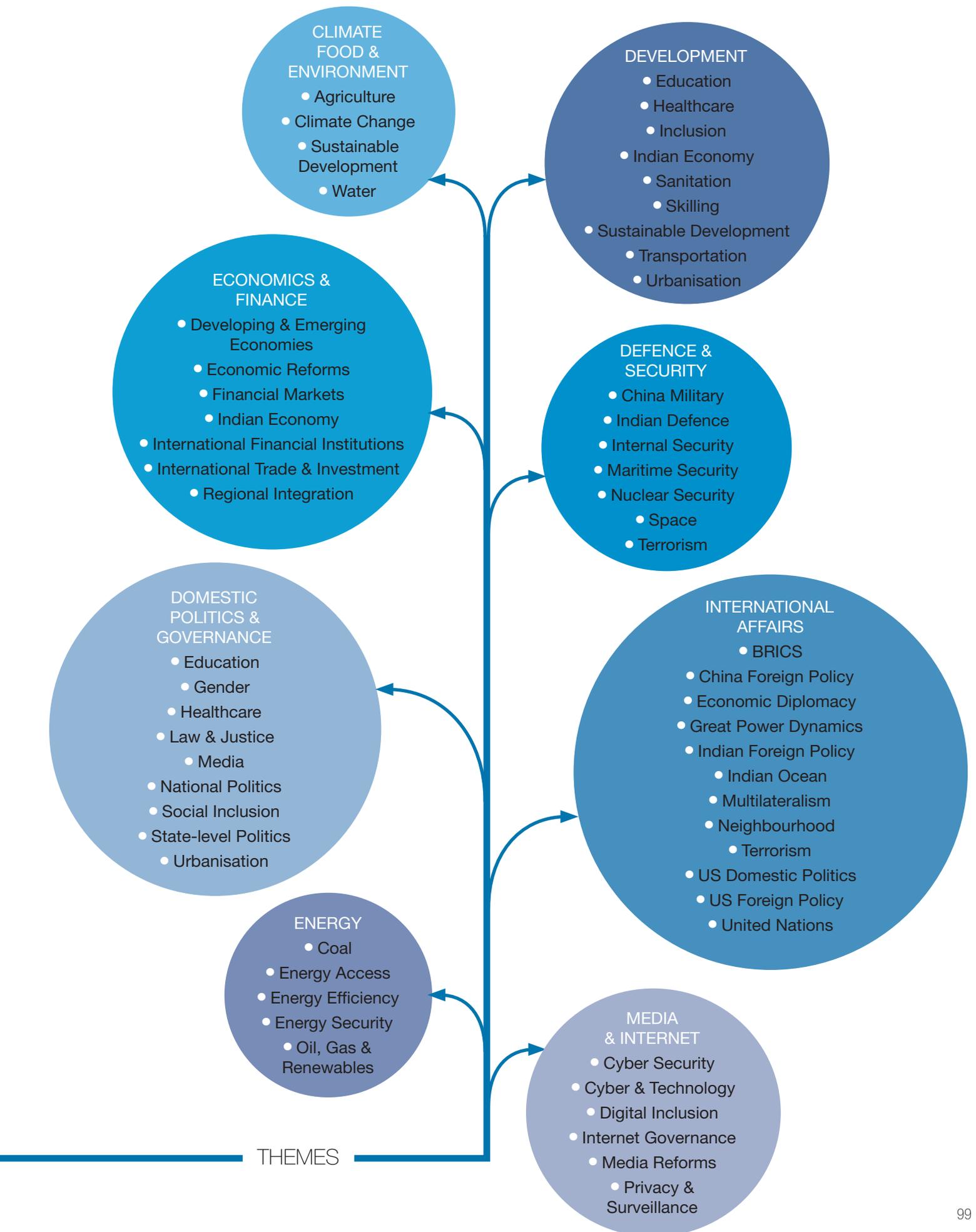
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