

International Conference on

**“Innovation driven economic growth in Asia focusing on India”
Organized by Zaheer Science Foundation in collaboration with
Goa University. In partnership with UNESCO**

November 27- 29, 2019

Venue: Goa University, Taleigao Plateau, Goa

Technical Program

Program will comprised of invited lectures, contributed papers presentation and extensive discussions

First Day, Wednesday 27 November 2019

(Venue: Chemistry Lab Auditorium, Goa University)

8:30-9:30	Registration
9:30-10:30	Opening Session
	Welcome Address:
	Prof. Mohsin Ullah Khan Chairman, Zaheer Science Foundation Professor, Plekhanov Russian University of Economics, Moscow, Russia
	Opening Addresses
	Dr. G. Thyagarajan Formerly Director CSIR Labs & Member ZSF Governing Council New Delhi
	Dr. Akhilesh Gupta, Head- Policy Research Cell Department of Science & Technology, Government of India, New Delhi
	Dr. Shekhar C. Mande, Secretary, DSIR and Director General, Council of Scientific & Industrial Research, Government of India, New Delhi
	Prof. Varun Sahni, Vice Chancellor, Goa University, Goa

Chief Guest	Sh.Satya Pal Malik Hon'ble Governor of Goa State, Goa
	<i>Vote of Thanks</i>
	Prof. P K Sudarsan Vice Dean, Department of Management, Goa University, Goa
10:30 -11:00	High Tea
11:00-1:30	<i>Session 1</i>
<i>Science, Technology and Economic Development</i>	
	Chair: Dr. G. Thyagarajan, Formerly Director CSIR Labs & Member ZSF Governing Council New Delhi
1	Speaker: <i>Dr. Akhilesh Gupta, Head- Policy Research Cell Department of Science & Technology, Government of India, New Delhi</i> Title: Science, Technology and Innovation ecosystem in India: current status and way forward
2	Speaker: <i>Prof. Mohsin Ullah Khan, Chairman, ZSF Professor, Plekhanov Russian University of Economics, Moscow, Russia</i> Title: Government Intervention in promoting innovation driven economics in Asia focusing on India
3	Speaker: <i>Dr. KSMS Raghavarao, Director, CSIR-CFTRI, Mysore, India</i> Title: Innovation based start-ups for economic growth
4	Speaker: <i>Dr. Manoj Kumar Patairiya, Director CSIR-NISCAIR, New Delhi, India</i> Title: Promoting the Spirit of Innovation

5	<p>Speaker: <i>Dr. Amitava Das, Director, CSIR-Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat</i></p> <p>Title: Public-Private Partnership and Technology for Sustainability: Case Studies</p>
1:30-2:30	Lunch Break
2:30-4:30	Session 2
Technology Commercialization	
	Chair: <i>Dr. H. R. Bhojwani, Formerly Head Technology Utilization, CSIR, New Delhi, India</i>
1	<p>Speaker: <i>Dr. H. Purushotham, Head, National Research Development Corporation, DSIR Enterprise, Ministry of Science and Technology, Govt of India</i></p> <p>Title: Intellectual Property protection and Innovations are key for Socio Economic Development of Nations.</p>
2	<p>Speaker: <i>Prof. Oleg Golichenko, Chief Research Associate of the Central Economics and Mathematics Institute of Russian Academy of Sciences, Moscow, Russia</i></p> <p>Title: A path to leadership in innovation for a developing country in Asia</p>
3	<p>Speaker: <i>Dr. B K Sahu Manager & Head, National Research Development Corporation, DSIR Enterprise, Ministry of Science and Technology, Govt of India</i></p> <p>Title: Role of Intellectual Property Rights in Technology Transfer from University Innovation System Policy Opportunities in India</p>
4	<p>Speaker: <i>Prof. Rupinder Tewari, Coordinator at DST-Centre for Policy Research at Panjab University, Chandigarh</i></p> <p>Title: Research Publications and Commercialization of Patents Generated by the Academic Sector in India</p>

5	<p>Speaker: Dr. Radhika Trikha Sr. Scientist-D Assistant Coordinator DST-Centre for Policy Research, Panjab University, Chandigarh</p> <p>Title: Government Mediated R&D Incentive of private sector in India: A case study</p>
4:30-4:45	Tea/Coffee Break
4:45-6:30	Session 3
Science and Technology Policy	
	<p>Chair: Dr. Akhilesh Gupta, Head- Policy Research Cell Department of Science & Technology, Government of India, New Delhi</p>
1	<p>Speaker: <i>Dr. Svetlana Kirdina-Chandler, Head of Sub-Division for Evolution, Social and Economic Systems, Institute of Economics, Russian Academy of Sciences, Moscow, Russia</i></p> <p>Title: Path-Dependence Effect in Science and Technology Policy: Case of Russia</p>
2	<p>Speaker: <i>Dr. Tabassum Jamal, Formerly Chief Scientist NISTADS, New Delhi & Member Governing Council, ZSF</i></p> <p>Title: Tracing the ecosystem for start-ups in India: Analysing opportunities and challenges</p>
3	<p>Speaker: <i>Dr. Sandeep Singhai, Principal Scientist, CSIR-CSIO, Chandigarh,</i></p> <p>Title: Dual Chain for Technology Innovation and Intervention</p>
4	<p>Speaker: <i>Dr. Sujit Bhattacharya, Chief Scientist CSIR-National Institute of Science Technology & Development Studies, New Delhi & Dr. Umang Gupta, CSIR-NISTADS, New Delhi</i></p> <p>Title: Developing Strategy for Exploiting Intellectual Property Rights for Innovation, Entrepreneurship and Development: A Case Study of India's National Intellectual Property Rights Policy 2016</p>

5	<p>Speaker: <i>Dr. Mamta Bhardwaj</i>, Sr. Scientist-C, DST-Centre for Policy Research, Panjab University, Chandigarh</p> <p>Title: A case study on strengthening Translational Research Ecosystem in India</p>
6	<p>Speaker : <i>Dr. Naresh Kumar Principal Scientist, CSIR-National Institute of Science Technology & Development Studies, New Delhi</i></p> <p>Title: Transforming S&T Policy in India: Changing dimensions and emerging challenges</p>
7:30	Dinner at The International Centre, Goa hosted by KAMP Noida, Delhi
<p>Second Day, Thursday, 28 November 2019 (Venue: Auditorium, Department of Management)</p>	
9:00-11:00	Session 1
<p>Innovation, Environment and Education Impact on Production System</p>	
	<p>Chair: Prof. Rupinder Tewari, Coordinator at DST-Centre for Policy Research at Panjab University, Chandigarh</p>
1	<p>Speaker: <i>Dr. H. R. Bhojwani, Formerly Head Technology Utilization, CSIR, New Delhi, India</i></p> <p>Title: China, the Innovation Superpower</p>
2	<p>Speaker: <i>Dr. Anis Ansari, IAS Rtd., Formerly Agricultural Production Commissioner, U.P. Govt., Lucknow</i></p> <p>Title: Science & Technology Research in Uttar Pradesh</p>
3	<p>Speaker: <i>Dr. Rajvir Singh Rathore, Deputy Director General, U.P. Council of Agricultural Research (UPCAR), Lucknow</i></p> <p>Title: Strategies for food security and viability of Indian agriculture under changing climatic conditions</p>

4	<p>Speaker: <i>Mr. Puneet Kumar, Secretary KAMP (KAMP Planning and Monitoring Committee) Knowledge and Awareness Mapping Platform [KAMP], Noida</i></p> <p>Title: Need for S & T Interventions & Reforms in School Education in India</p>
5	<p>Speaker: <i>Dr. Kasturi Mandal, Scientist, CSIR-National Institute of Science Technology & Development Studies, New Delhi</i></p> <p>Title: R&D ecosystem for innovation in the Renewable Energy Sector in India: The case of Marine Energy</p>
11:00-11:15	Tea/Coffee Break
11:15-1:30	Session 2
ICT Policy and its Role in Economic Growth	
	Chair: Prof. Oleg Golichenko, Central Economics and Mathematics Institute of Russian Academy of Sciences, Moscow, Russia
1	<p>Speaker: <i>Prof. Zahid H. Khan, Former Professor of Physics and Director/ Advisor, FTK Centre for Information Technology, Jamia Millia Islamia (a Central University), New Delhi, India</i></p> <p>Title: An ICT Policy for the University System and Some ICT-based Innovations</p>
2	<p>Speaker: <i>Dr. Torsti Loikkanen, Senior Researcher and Consultant in Industrial Innovation and STI Policies, Sapar Oy/Ltd, Helsinki, Finland</i></p> <p>Title: An Overview and Future Perspectives on Digitalization and STI and Education Policies in Industrialized and Developing Economies</p>
3	<p>Speaker: <i>Dr. Maria Solosina, Lead Specialist, Interfaculty Research Laboratory of Economics and Management, Voronezh State University, Voronezh, Russia</i></p> <p>Title: The impact of ICT technologies on local communities' organization</p>
4	<p>Speaker: <i>Dr. Yash Pal Kathuria, Secretary, ZSF, New Delhi</i></p> <p>Title: Some aspects of making India a global manufacturing hub</p>

5	<p>Speaker: <i>Dr. Irina Shchepina, Professor, Department of Informational Technology and Mathematical Methods in Economics, Voronezh State University, Voronezh, Russia</i></p> <p>Title: Uneven distribution of ICT technologies in Asia and Russia</p>
1:30-2:30	Lunch Break
2:30-4:30	Session 3
<p><i>Innovation in Health Safety and its contribution in Economic Development</i></p>	
	<p>Chair: <i>Dr. Torsti Loikkanen, Senior Researcher and Consultant in Industrial Innovation and STI Policies, Sapar Oy/Ltd, Helsinki, Finland</i></p>
1	<p>Speaker: <i>Dr. Mirza Umair Beg, Environmental Pollution and Climate Program, Environment and Life Sciences Research Centre, Kuwait Institute for Scientific Research, Safat, Kuwait</i></p> <p>Title: Nanotechnology and Emerging Health Safety and Environment Issues</p>
2	<p>Speaker: <i>Dr. R.S. Praveen Raj, Principal Scientist - IP Management & Technology Transfer, CSIR-NIIST, Thiruvananthapuram, India</i></p> <p>Title: Technological Solutions to Manage Solid Wastes: Innovative Treatment of Bio-wastes around the Source of Generation</p>
3	<p>Speaker: <i>Syromiatnikov M.Y., Associate Professor, Department of Genetics, Cytology and Bioengineering, Voronezh State University, Voronezh, Russia</i></p> <p>Title: Development of molecular methods to control microorganisms in food and beverages</p>
4	<p>Speaker: <i>Dr. G. Narahari Sastry, Director, CSIR-North East Institute of Science & Technology, Jorhat, Assam</i></p> <p>Title: Deciphering the economy of health for healthy economy</p>
5	<p>Speaker: <i>Dr. Urmila Bhaina, Ph.d-Research Scholar</i></p>

	<i>P.G. Department of Home Science, Berhampur University, Odisha, India</i> Title: Nutritional Status of Pre-School Children: A Comparative Study
4:30-4:45	Tea/Coffee Break
4:45-6:30	Session 4
Brain Storming Session	
	Moderator: <i>Dr. Mohsin Ullah Khan, Chairman ZSF, New Delhi</i> Co-Moderator: <i>Dr. Abdul Wasi Khan, PG Department of Animal Science, Faculty of Applied Sciences, MJP Rohilkhand University, Bareilly</i> Title: India's cooperation in Science & Technology Policy with Russia and other developed countries
Third Day, Friday, 29 November 2019 (Venue: Auditorium, Department of Management)	
9:00-11:00	Session 1
Environment and Water Resources	
	Chair: <i>Dr. Svetlana Kirdina-Chandler, Head of Sub-Division for Evolution of Social and Economic Systems, Institute of Economics, Russian Academy of Sciences, Moscow, Russia</i>
1	Speaker: <i>Dr. Jhilli Prabha Prusti, Environmental Science Research Center, Department of Botany, Berhampur University, Odisha, India.</i> Title: Environmental mercury discharged from a chlor-alkali industry and its impact on terrestrial and biotic systems at the contaminated site, Ganjam.
2	Speaker: <i>Dr. R. Manikandan, Assistant Professor, Department of Economics, Bharathiar University, Coimbatore, Tamil Nadu, India.</i> Title: Tariff Estimation for Sustainability in Rural Water Supply: A Case Evidence from Rural Households of Coimbatore District, Tamil Nadu, India
3	Speaker: <i>Dr. M. Irfan Qureshi, Associate Professor, Proteomics &</i>

	<p><i>Bioinformatics Lab, Department of Biotechnology, Faculty of Natural Sciences, JMI University, New Delhi</i></p> <p>Title: Role of Symbiotic Nitrogen Fixation in Global Food Security</p>
4	<p>Speaker: <i>Prof. Sergei Eprintcev, Associate Professor, Department of Geocology and Environmental Monitoring, Voronezh State University, Voronezh, Russia</i></p> <p>Title: The Study of the socio-environmental conditions of the cities of Russia and India, affecting the sustainable development of the territory</p>
5	<p>Speaker: <i>Dr. Ram Boojh, Director, Mobius Foundation, New Delhi</i></p> <p>Title: Innovation for a low carbon, climate resilient and green development</p>
11:00-11:15	Tea/Coffee Break
11:15-1:30	Session 2
<i>Panel Discussion</i>	
<i>Science, Technology & Innovation Policy and its impact on Economic Growth</i>	
	<p>Moderator: <i>Prof. Mohsin Ullah Khan, Chairman, ZSF Professor, Plekhanov Russian University of Economics, Moscow, Russia</i></p>
	<p>Panelists:</p> <p>Dr. Akhilesh Gupta Dr. H. R. Bhojwani Dr. Mirza Umair Beg Dr. Yash Pal Kathuria Dr. Tabassum Jamal Dr. Seema Wahab Dr. Torsti Loikkanen Prof. P K Sudarsan</p>
1:30-2:30	Lunch
2:30-3:30	Summing Up

	<p>Prof. Yash Pal Kathuria Prof. Z. H. Khan</p>
3:30-5:00	<i>Valedictory Address</i>
	<p>Chair: Prof. Mohsin Ullah Khan, Chairman Zaheer Science Foundation</p>
	<p>Address: Mr. Guy Broucke, Section Chief and Programme Specialist, Natural Sciences, UNESCO Office in New Delhi</p>
	<p>Valedictory Address: Dr. T. Ramasami, Former Secretary, Department of Science and Technology, Govt. of India</p>
	<i>Vote of Thanks</i>
	<p>Dr. Yash Pal Kathuria, Secretary, ZSF , New Delhi</p>