



## Third IndiaLICS International Conference on Innovation and Sustainable Development



**16-18 March, 2016**

### Programme Schedule

<b>Inaugural Session   Wednesday 16 March 2016   9:30 to 10:45 AM</b>	
<b>Venue: Auditorium</b>	
Chair	Shri. K M Chandrasekhar, Chairman, CDS
Welcome	Prof. Amit Shovon Ray, Director, CDS
Opening Remarks	Dr. Sachin Chaturvedi, Director General, RIS, New Delhi
Felicitation from Globelics	Prof. Jose E Cassiolato, Federal University of Rio de Janeiro, Brazil
Special address	Shri. Yuri Afanasiev (UN Resident Representative)
Key note	Dr. T M Thomas Isaac, Member, Legislative Assembly, Kerala and Honorary Fellow CDS (tbc)
Inaugural Address	Shri. Jairam Ramesh, Member of Parliament, formerly Minister of Environment & Forests
Vote of Thanks	Prof. K J Joseph, CDS
<b>Tea Break: 11.00 AM to 11.15 AM</b>	

<b>Plenary Session-1, 16 March, 2016, 11:15 AM to 1: 00 PM</b>	
<b>Venue: Auditorium</b>	
<b>From MDGs to SDGs; Tasks, challenges and way forward</b>	
Chair	Dr. Sachin Chaturvedi, Director General, RIS, New Delhi
Speakers	Prof. Rasigan Maharajh, Chief Director of the Institute for Economic Research on Innovation, Tshwane University of Technology, South Africa
	Shri Vivek Wadekar, Commissioner of Income Tax, Ahmedabad
	Prof. Jose E Cassiolato, Federal University of Rio de Janeiro, Brazil
	Prof. Mammo Muchie, Tshwane University of Technology, South Africa
	Prof. Olav Wicken, University of Oslo, Norway
Session Coordinator	Bibhunandini Das
<b>Lunch Break 1:00 PM – 2:00 PM</b>	

<b>Parallel Sessions - I</b> <b>2:00 PM – 3:30 PM</b>	<b>Session 1.1</b> Venue: Auditorium <b>SDGs, Innovation and Globalisation</b> Chairs: K.N Harilal & Dinesh Abrol Helena M.M Lastres, Christina, Marcelo and Walsey: Production and Innovation systems and sustainable regional development: the experience of a Brazilian development bank Rasigan Maharajh: The Spectre of Post-capitalism and Rethinking Science, Technology and Innovation for Development K.P Laladhas, Preetha. N and Oommen V Oommen: Sustainable use of terrestrial ecosystems (SDG 15) – Indian Perspective Mammo Muchie: Rethinking Innovation: From Schumpeter’s Creative Destruction to Creative Re-construction: Session Coordinators: Atrayee Baneerje & Sohan Sha	<b>Session I.2</b> Venue: Seminar Hall <b>Innovation, Inequality and Sustainable Development</b> Chairs: U.S Mishra & Rasigan Maharajh Nitasha Kapila and Lakhwinder Singh: Regional diversity and inclusive innovations: A case study of India K. J Joseph, Liyan Zhang and Kiran Kumar Kakarlapudi: Regional Inequality in China from Innovation Systems Perspective: Lessons for India Tushar Kanti Das: Contemporary Inequality in the States of India: Cross-sectional and Panel Estimations Rajeswari Raina and Kasturi Mandal: Innovation Systems and Inequality: Dimensions of a Policy Problem Session Coordinators: Santhosh Kumar & Thomas K. C	<b>Session 1.3</b> Venue: Library Hall <b>Low Carbon Innovation</b> Chairs: Vijayamohanan Pillai & Hrushikesh Mallick Mukesh Lakum and Thounaojam Somokanta: Urban Mobility System in Transition: Case of CNG in Delhi City Anjali Tandon & Shahid Ahmed: Analysing energy induced technological changes in Indian economy: A sectoral study Sravanthi Choragudi: Innovations for Sustainable Development: A Comparative Analysis of Domestic Biogas Plants and Solar Lighting Systems Thounaojam Somokanta & Mukesh Lakum: Low Carbon Energy Transition: Case of Gandhinagar model solar city Session Coordinators: Aparna Sengupta & Deepika Chawla
	<b>Tea Break 3.30 PM – 3.45 PM</b>		

<b>Parallel Sessions-I (contd...)</b> <b>3:45 PM - 5:15 PM</b>	<b>Session 2.1</b> Venue: Auditorium  <b>SDGs, Innovation and Globalisation</b>  Chairs: Mammo Muchie & T.C James  Sachin Chaturvedi, Sabyasachi Saha and Pratyush: Means of Implementation (SDG 17): An Indian Perspective  Krishna Ravi Srinivas: 1Technology Facilitation Mechanism and SDGs- Can TFM make a difference and if so how?  Dinesh Abrol: Agrarian Transition, Transformative Change and Systems of Innovation Lessons for SDGs implementation  Session Coordinators: T.J Joseph & Devika C M	<b>Session 2.2</b> Venue: Seminar Hall  <b>Innovation &amp; Governance for Sustainable Development</b>  Chairs: Manmohan Agarwal & Ritika Jain  Papia Sengupta: From democratic participation to participatory governance: Applicability of the PPACID Model in development policies for Adivasis  Purnima Singh and Madhukar Sharma : Framing a new approach towards Sustainable development through CSR initiatives in India: An Evaluation  Kavitha P: Corporate Social Responsibility for Inclusive Development in India: A Case Study Analysis  Session Coordinators: Atrayee Saha & Chandrashekar K	<b>Session 2.3</b> Venue: Library Hall  <b>Low Carbon Innovation</b>  Chairs: Amarendra Das & Swati Mehta  Keshab Das: Dunking the Dust: Innovation Diffusion and Informality in a Polluting Cluster, Odisha, India  Vineet Kumar: The Capacity Building in the Wind Energy Sector: A Case Study of Suzlon  Akoijam Amitkumar Singh & V.V Krishna: Innovation system and knowledge production in Indian solar energy sector  Session Coordinators: Sravanthi Choragudi & Nidhi Singh
	<b>6: 00 PM – 7:00 PM</b> <b>Cultural Programme</b>		
	<b>7:15 PM</b> <b>Welcome Dinner</b>		

**Thursday March 17, 2016**

<p><b>Parallel Sessions II</b> <b>9:00 AM – 10:45 AM</b></p>	<p><b>Session 3.1</b> Venue: Auditorium</p> <p><b>Innovations for sustainable agriculture</b></p> <p>Chairs: Rajeswari Raina &amp; Ann Kingiri</p> <p>Saravana Kumar R. : Constraints to the Diffusion of Natural – Resource – Conserving Agricultural Technology in India: The Case of SRI (System of Rice Intensification) in Tamil Nadu</p> <p>Sheeraz Ahmad Alaie : Agricultural diversification and inclusive development: A case of Jammu and Kashmir</p> <p>Minati Mallick and Urmi Pattanayak : Crop Diversification And Sustainable Agriculture In India</p> <p>Bhavna Pandey, Manju Singh &amp; Bindya Kohli: Farm Suicides in Maharashtra: An Exploratory Study</p> <p>Session Coordinators: Vineet Kumar &amp; Rimon Saha</p>	<p><b>Session 3.2</b> Venue: Seminar Hall</p> <p><b>Innovation &amp; Governance for Sustainable Development</b></p> <p>Chairs: Mohanakumar &amp; Upasak Das</p> <p>Vandana Verma: Banking to unbanked population in India: Nationalisation of Banks and Pradhan Mantri Jan-DhanYojana</p> <p>T. R. Bishnoi and Sofia Devi: Do the financial innovations and financial inclusion contribute to sustainable development? A Study of Indian Bank Credit Delivery System</p> <p>Rama Krishna Reddy Kummitha &amp; Nathalie Crutzen: Starting with the Basics: Where do Smart cities Stand in the Promotion of Innovation and Entrepreneurship?</p> <p>Session Coordinators: Prativa Shaw &amp; Vishwambhar Nath Prajapati</p>	<p><b>Session 3.3</b> Venue: Library Hall</p> <p><b>Manufacturing issues &amp; sustainable development</b></p> <p>Chairs: M. Parameswaran and Sabyasachi Saha</p> <p>Mitali Gupta: Subcontracting: A Solution or a Failure for the Indian Manufacturing Industry</p> <p>Sanghita Mondal : Export Spillovers from Foreign Direct Investment in India: A firm level analysis</p> <p>George Paily: Commercial Success in Product Innovation: Evidences from Manufacturing Firms in India</p> <p>Uma S: Exporting Behaviour and Employment Generating Capacity: A Study Of Micro, Small and Medium Enterprises</p> <p>Swati Mehta: Innovation and employment: A case of Indian manufacturing sector</p> <p>Session Coordinators: Manjinder Kaur &amp; Hemant Sharma</p>
	<p><b>Tea Break 10:45 AM – 11:00 AM</b></p>		

<b>Plenary Session 2   17 March, 2016   11:00 AM to 1:00 PM</b>	
<b>Venue: Auditorium</b>	
<b>Innovation for inclusive and sustainable development: The southern perspective -I</b>	
Chair	Prof. Helena Lastres, Advisor to the Presidency (BNDES), Brazil
Speakers	Prof. Rishiksha T Krishnan, Director, IIM, Indore
	Dr. Glenda Kruss, Director, Human Sciences Research Council, South Africa
	Prof. Dinesh Abrol, Institute for Studies in Industrial Development, New Delhi
	Prof. P Mohanan Pillai, Honorary Fellow, CDS
	Prof. Keshab Das, Gujarat Institute of Development Research, Gujarat
Session Coordinator	Uma S
<b>Lunch Break 1:00 PM -2:00 PM</b>	

<i>Parallel sessions II contd.... 2:00 PM- 3:30 PM</i>	<p><b>Session 4.1</b> Venue: Auditorium</p> <p><b>Innovations for sustainable agriculture</b></p> <p>Chairs: A.V Jose &amp; Srikanta Kundu</p> <p>Ann Kingiri: Exploring the inclusivity and exclusivity of Kenya's extension &amp; advisory service as part of agricultural innovation system</p> <p>Atrayee Saha: Technological Innovation and Agrarian Transition: Impact on Small and Marginal Farmers</p> <p>Bibhunandini Das: Does access to technological knowledge impact on farm yield? A comparative role of ICT and Non-ICT sources</p> <p>Kiran Kumar Kakarlapudi: Technological Innovations and Agricultural Credit in India: An Analysis of Impact of Kisan Credit Card on Agricultural Credit</p> <p>Session Coordinators: Saravana Kumar &amp; George Paily</p>	<p><b>Session 4.2</b> Venue: Seminar Hall</p> <p><b>Plantation Agriculture</b></p> <p>Chairs: P.G Chengappa &amp; Kingshuk Sarkar</p> <p>D Narayana &amp; Anna Rony: Voluntary Sustainability Standards: The Costs of Compliance for Small Producers of Coffee in Wayanad, Kerala</p> <p>Karin Astrid Siegmann: Fair trade as civic innovation? The case of tea certification in India</p> <p>Sangeeta Mehroliya, Vinod D.N &amp; Abhishek M: Analyzing Competitiveness of Coffee Plantation Sector in International Market to Develop Innovative Framework for Inclusive and Sustainable Development</p> <p>Razia Bano and Faiza Nafees: Climate Change and its impact on Tea Plantation: A Study of North Indian Tea Growing Region</p> <p>Session Coordinators: Jyoti &amp; Urmi Pattanayak</p>	<p><b>Session 4.3</b> Venue: Library Hall</p> <p><b>Manufacturing issues &amp; sustainable development</b></p> <p>Chairs: Lakhwinder Singh &amp; P.L Beena</p> <p>Krishan Singh &amp; Sandeep Kaur Bhatia: Whether FDI or Exports enhance Innovation : Evidence from Indian Manufacturing firms</p> <p>Thaarcis Albin: Diffusion of computer-numerically controlled Machine tools in India</p> <p>Qayoom Kachoo &amp; Ruchi Sharma: Impact of FDI on incumbent innovation: Intra and inter-industry effects</p> <p>T.J. Joseph: Does foreign ownership matter in the technological capability of firms? Evidence from Indian manufacturing industry</p> <p>Abha Arya and Saradindu Bhaduri: Indian Ayurvedic Medicine Industry at a crossroads: exploring technological capabilities in the post-WTO policy regime</p> <p>Session Coordinators: Kavitha P &amp; Gayathri Unnikrishnan</p>
	<p><b>Tea Break 3:30 PM – 3:45 PM</b></p>		

<b>Plenary Session-3   17 March, 2016   3:45 to 5:30 PM</b>	
<b>Venue: Auditorium</b>	
<b>Innovation beyond R&amp;D for inclusive and sustainable development: Reflections from Kerala's development experience</b>	
Chair	Prof. M A Oommen , Emeritus Professor, Institute of Social Sciences, New Delhi
Speakers	Prof. P K Michael Tharakan, Former Vice Chancellor, Kannur University
	Prof. Mridul Eapen, Honorary Fellow, CDS
	Prof. K N Harilal, CDS
	Prof. John Kurien, Visiting Professor, Azim Premji University, Bangalore
	Prof. A V Jose, Honorary Visiting Professor, CDS
Session Coordinator	Christabell P J

**Friday March 18, 2016**

<p><b>Parallel Sessions III</b> 9:00 AM – 10:45 AM</p>	<p><b>Session 5.1</b> Venue: Auditorium</p> <p><b>Social Sector innovations (Health/Education)</b></p> <p>Chairs: Olav Wicken &amp; Liyan Zhang</p> <p>Sohan Prasad Sha &amp; V.V Krishna: National Innovation System in Least Developed Countries: Role of Universities in Building Scientific Community in Nepal</p> <p>Glenda Kruss and Michael Gastrow: Universities and innovation in informal settings: evidence from case studies in South Africa</p> <p>Christabell P J: Knowledge-based Economy and Innovation: Does Gender Gap in STEM Education pose a challenge for India?</p> <p>Nidhi Singh and Dinesh Abrol: Challenges of Molecular Diagnostics Innovation System Development in India</p> <p>T.C.James: Health for All (SDG 3) by 2030: An Indian Perspective</p> <p>Session Coordinators: Kiran Kumar Kakarlapudi &amp; Sheeraz Ahmad Alaie</p>	<p><b>Session 5.2</b> Venue: Seminar Hall</p> <p><b>Plantation Agriculture</b></p> <p>Chairs: D.Narayana &amp; Bhaskaran</p> <p>A Sajitha: Demand Driven Approach and Agriculture Innovation System: A case of Rubber</p> <p>Namrata Thapa: Forms of Exclusion/Inclusion in the Innovation System – A Comparative Analysis of Access of Small Growers to Formal Institutional Arrangements in Tea and Natural Rubber</p> <p>P.K. Viswanathan and Indraneel Bhowmik: Policy and Institutional Regimes for Rubber Plantation Development in Diverse Social and Agro-Ecological Environments: A Study in the Indian context</p> <p>Joby Joseph &amp; Tharian George K: India's Trade Liberalisation Initiatives and Trends in Balance of Trade under the Regional Trade Agreements: The case of Rubber and Rubber Products</p> <p>Session Coordinators: Anna Rony &amp; Jannet Farida Jacob</p>	<p><b>Session 5.3</b> Venue: Library Hall</p> <p><b>The Excluded and Sustainable Development</b></p> <p>Chairs: Christabell P.J &amp; Vinoj Abraham</p> <p>Antony Puthumattathil &amp; Dhiraj Kumar: A Critique of Development in India's Predominantly Adivasi Regions with Special Reference to the Hos of India's Jharkhand</p> <p>Atrayee Baneerjee, Arup Ratan Bandyopadhyay &amp; Nirmal Kanti Chakraborti: Forest Rights: A Study On Santals of Purulia, West Bengal, India</p> <p>Asoora V T: Livelihood changes and health status of tribal communities</p> <p>Sreerupa Ray: Redefining Tribal Development through Participatory Planning – The Birhor Experience</p> <p>Session Coordinators: Vandana Verma &amp; Minu Elza</p>
	<p><b>Tea Break 10:45 AM – 11:00 AM</b></p>		



<b>Plenary Session-4   18 March, 2016   11:00 to 1: 00 PM</b>	
<b>Venue: Auditorium</b>	
<b>Innovation for inclusive and sustainable development: Focus on plantation agriculture</b>	
Chair	Prof. P G Chengappa, Former Vice Chancellor, Bangalore University
Speakers	Dr. Karin Astrid Siegmann, International Institute of Social Studies, The Hague
	Prof. C Bhaskaran, Former Professor, Kerala Agricultural University, Vellayani
	Prof. D Narayana, Consultant, State Planning Board, Kerala
	Prof. K. J Joseph, CDS
Session Coordinator	Mujeeb Hussain Gattoo
<b>Lunch Break 1:00 PM – 2:00 PM</b>	

<b>Parallel Sessions III contd...</b> <b>2:00 PM - 3:30 PM</b>	<p><b>Session 6.1</b> Venue: Auditorium</p> <p><b>Social Sector innovations (Health/Education)</b></p> <p>Chairs: Glenda Kruss &amp; Chinnappan Gasper</p> <p>Jyothi Ranjan Sahoo and Mamita panda: Improving Health Practices for Achieving MDG: A Study on Role of Media and Communication in India</p> <p>Amarendra Das: Turnaround in Maternal and Child Healthcare of India : Role of Institutional Innovation and ASHA</p> <p>Rimon Saha &amp; Arijita Dutta: Inequalities in the Utilization of Maternal Healthcare Services among the women of different Caste Groups and its Determinants: a Special Focus on Scheduled Tribes</p> <p>Jannet Farida Jacob: Institutional Bearing on Determinants of Participation and Choice of Institutions in Higher Education: Evidence from in India</p> <p>Mujeeb Hussain Gattoo &amp; Muneeb Hussain Gattoo: Higher Education, Inclusive Development and Knowledge Economy: A Critical Perspective in Context of India</p> <p>Session Coordinators: Purnima Singh &amp; Akoijam Amitkumar Singh</p>	<p><b>Session 6.2</b> Venue: Seminar Hall</p> <p><b>Plantation Agriculture</b></p> <p>Chairs: P.K Viswanathan &amp; Joby Joseph</p> <p>P G Chengappa, Devika C M, Arun Muniyappa and Pradeepa Babu B.N: The sustainable future for Indian coffee: Certified, Organic and Specialty coffee</p> <p>Kingshuk Sarkar: Return to labour, innovation and inclusive growth in the context of Indian tea plantations: Recent happenings in Kerala and West Bengal</p> <p>Tinku Barik &amp; Byram Anand: Revealed comparative advantages and competitiveness of India's agricultural, food, tea and coffee products</p> <p>Mohanakumar: Sustainability of NR Sector under Liberalised Trade Regime in India</p> <p>Session Coordinators: Namrata Thapa &amp; Sajitha A.</p>	<p><b>Session 6.3</b> Venue: Library Hall</p> <p><b>Grassroot Innovation</b></p> <p>Chair: Saradindu Bhaduri &amp; Krishna Ravi Srinivas</p> <p>Harilal Madhavan: Below the Radar Innovations within 'Health Regions': Innovations and Property Rights in Sowa Rigpa Medicine in India</p> <p>Gautam Sharma and Hemant Kumar: Patents and Grassroots Innovations: Rethinking Intellectual Property Rights in the Informal Sector</p> <p>Zhang Liyan: University Intermediation of Grassroots Innovation Incubation: A Case Study in China</p> <p>Sazzad Parwez: Role of Grassroots Innovations and road ahead</p> <p>Session Coordinators: Anurag Anand &amp; Sandeep Kaur Bhatia</p>
	<b>Tea Break 3.30 PM – 3.45 PM</b>		

<b>Plenary Session-5   18 March, 2016   3:45 PM to 5:30 PM</b>	
<b>Venue: Auditorium</b>	
<b>Innovation for inclusive and sustainable development: The southern perspective -II</b>	
Chair	Dr. Ann Kingiri, Director of Research at the African Centre for Technology Studies (ACTS), Kenya
Speakers	Dr. Rajeswari Raina, Principal Scientist, NISTADS, New Delhi
	Prof. Liyan Zhang, Tianjin University of Finance & Economics, China
	Dr. Saradindu Bhaduri, Centre for Studies in Science Policy (CSSP), JNU, New Delhi
	Prof. Lakhwinder Singh, Punjabi University, Patiala
Session Coordinator	Kiran Kumar Kakarlapudi
<b>Concluding Session   18 March 2016   5:30 PM</b>	
Towards IndiaLICS 2017	Prof. K J Joseph
	Prof. Lakhwinder Singh
	Dr. Saradindu Bhaduri