



Kerala State Planning Board



**K E R A L A**  
**LOOKSAHEAD**  
FEBRUARY 1-3 2021

**INTERNATIONAL CONFERENCE  
AND CONSULTATION  
KERALA STATE PLANNING BOARD**

Kerala is poised for a great transformation.

Kerala has been, and remains, the most important example in independent India of the power of public action to improve the well-being of the people and to transform social, political, and cultural conditions in a State.

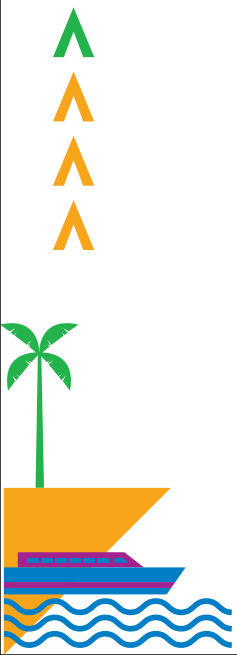
Today, it is committed to a path of development that will develop, enhance, and modernise the productive sectors of the economy; expand employment in various sectors with an emphasis on creating jobs for educated youth; strengthen and upgrade public education and health; and build upon the network of social welfare and reform measures that are part of the rich legacy of public action in the State.

Kerala Looks Ahead is an International Conference and Consultation that will serve as a platform for the Government of Kerala to learn from the experiences and best practices across the world in its efforts to modernise the economy and bring the benefits of high growth and inclusive development to all the people of Kerala.

The Conference will discuss the future prospects for Kerala in key areas, including agriculture, animal resources, fisheries, e-governance, higher education, industry, information technology, skill development, and tourism. There are two special sessions – on Local Governments and Federalism and Development Financing – that will showcase Kerala’s initiatives in the respective fields. There will also be a special industry session that will discuss a roadmap for the future industrial growth in Kerala.

The Kerala State Planning Board is the main organiser of the Conference. The Conference will be held online.

Policymakers, scholars, youth, students and teachers, representatives of industry and of farmers, social workers, persons in public life, and interested persons from all walks of life, interested industry groups, associations, organisations and institutions are invited to join us at Kerala Looks Ahead and in this endeavour.



**KERALA LOOKS AHEAD**  
**AN INTERNATIONAL CONFERENCE AND CONSULTATION**  
**FEBRUARY 1-3, 2021**  
**PROGRAMME SCHEDULE**

Date and Time	Session
<b>February 1</b> 18.00 - 19.25	Inaugural Session
<b>February 2</b> 9.30-13.05	
Session I - 9.30-10.45 Session II -11.00-11.45 Session III -12.00-13.05	Modernising Agriculture, Fisheries, and Animal Resources (Agriculture Session)
10.00-12.30	Federalism and Development Financing
10.00-13.00	Information Technology
11.30-13.15	E-governance (Session I: Citizen Access to Services and Empowerment)
10.00-13.00	Local Governments (Kerala Session)
14.00-15.55 Session I-14.00-15.00 Session II-15.00-15.55	Modernising Agriculture, Fisheries, and Animal Resources (Animal Resources Session)
14.00-17.00	Modern Skill Development
14.00-16.30	Modern Industrial Possibilities
14.00-16.30	Tourism
14.00-15.45	E-governance (Session II: Decision Support Systems and Analytics)
16.00-18.00	E-governance (Session III: Legal and Policy Dimensions: Way Forward)
16.00-17.55 Session I-16.00-16.45 Session II-16.45-18.00	Modernising Agriculture, Fisheries, and Animal Resources (Fisheries Session)
17.00-19.30	Higher Education
18.00-20.30	Local Governments
<b>February 3</b> 10.00-13.00	Special Industry Session
14.00-16.30	Concluding Session



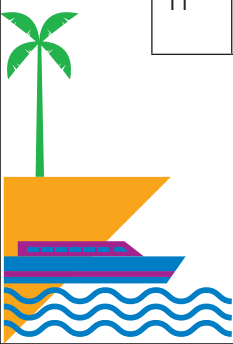
**THEMATIC SESSIONS**

1. January 24, 2021: **Information Technology:** Software - 18.30 to 21.00 (IST)
2. January 27, 2021: **Information Technology:** Hardware - 10.00 to 12.30 (IST)
3. January 27, 2021: **Agriculture:** Kerala's Agriculture: The Need to Raise Productivity - 10.30 to 12.00 (IST)
4. January 28, 2021: **Animal Resources:** Milk Productivity Trends of Bovines in Kerala - 14.30 to 15.45 (IST)

**KERALA LOOKS AHEAD**  
**AN INTERNATIONAL CONFERENCE AND**  
**CONSULTATION**  
**February 1-3, 2021**

**INAUGURAL SESSION**  
**February 1, 2021 (Day 1)**  
**18.00 to 19.25 hours**

	Time	Session	Speaker
1	18.00-18.05	Welcome Address	<b>Prof V K Ramachandran</b> Vice Chairperson Kerala State Planning Board
2	18.05-18.10	Address	<b>Dr Vishwas Mehta, IAS</b> Chief Secretary Government of Kerala
3	18.10-18.15	Address	<b>Mr Ramesh Chennithala</b> Opposition Leader of Kerala
4	18.15-18.20	Address	<b>Mr Ramachandran Kadannappally</b> Minister for Ports, Museums, Archaeology, and Archives Government of Kerala
5	18.20-18.25	Address	<b>Mr A K Saseendran</b> Minister for Transport Government of Kerala
6	18.25-18.30	Address	<b>Mr K Krishnankutty</b> Minister for Water Resources Government of Kerala
7	18.30-18.35	Address	<b>Mr E Chandrasekharan</b> Minister for Revenue and Housing Government of Kerala
8	18.35-18.50	Keynote Address	<b>Dr Soumya Swaminathan</b> Chief Scientist World Health Organization
9	18.50-19.05	Keynote Address	<b>Prof Joseph E Stiglitz</b> University Professor Columbia University
10	19.05-19.20	Inaugural Address	<b>Mr Pinarayi Vijayan</b> Chief Minister of Kerala
11	19.20-19.25	Vote of Thanks	<b>Dr Venu V</b> Member Secretary Kerala State Planning Board



**TECHNICAL SESSIONS**  
**February 2, 2021 (Day 2)**

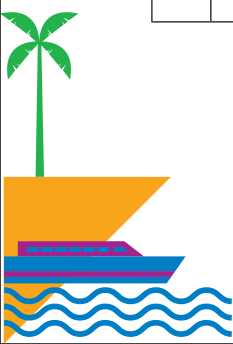
**THEME I: SESSION ON MODERNISING  
AGRICULTURE,  
FISHERIES, AND ANIMAL RESOURCES**

	Time	Session	Speaker
	<b>9.30-13.05</b>	<b>Session: Modernising Agriculture, Fisheries, and Animal Resources (Agriculture Session)</b>	
	<b>9.30-10.45</b>	<b>Sub-session 1: Role of New Technologies in Bridging Yield Gaps</b>	
1	9.30-9.35	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
2	9.35-9.40	Opening Remarks	<b>Adv V S Sunil Kumar</b> Minister for Agriculture Government of Kerala
3	9.40-9.55	Role of New Technologies in Bridging Yield Gaps with Special Reference to Biotechnology	<b>Dr Trilochan Mohapatra</b> Secretary, DARE and Director General Indian Council of Agricultural Research New Delhi
4	9.55-10.10	Role of New Technologies in Bridging Yield Gaps with Special Reference to CRISPR Technology	<b>Prof Kathleen L Hefferon</b> Department of Microbiology, College of Agriculture and Life Sciences, Cornell University New York
5	10.10-10.25	Nano Technology for Agriculture	<b>Dr K S Subramanian</b> Director of Research Tamil Nadu Agriculture University
6	10.25-10.40	Discussion	
7	10.40-10.45	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division Kerala State Planning Board
	<b>11.00-11.45</b>	<b>Sub-session 2: Cooperatives and Agriculture : Learning from Global Experiences</b>	
1	11.00-11.05	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
2	11.05-11.15	Thailand and FPC Models	<b>Prof Sukhpal Singh</b> Centre for Management in Agriculture Indian Institute of Management Ahmedabad



3	11.15-11.25	Learning from Swiss Experiences with Cooperatives in Agriculture	<b>Dr Balz Strasser</b> Managing Director Bio Suisse, Evilard, Berne, Switzerland
4	11.25-11.40	Discussion	
5	11.40-11.45	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division, Kerala State Planning Board
	<b>12.00-13.05</b>	<b>Sub-session 3: The Promise of Value Addition</b>	
1	12.00-12.05	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
2	12.05-12.15	Value Addition in Coconut in Thailand	<b>Mr Nutthanai Ninek</b> Business Development Manager Tropicana Oil Company Limited, Thailand
3	12.15-12.25	Value Addition, Processing and Marketing of Rubber	<b>Mr Jom Jacob</b> Senior Economist Association of Natural Rubber Producing Countries (ANRPC), Malaysia
4	12.25-12.35	A Primer to Produce the World's Best Coffee: The Araku Story and It's Relevance for Wayanad	<b>Mr David Hogg</b> Chief Agriculture Advisor Naandi Foundation
5	12.35-13.00	Discussion	
6	13.00-13.05	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division, Kerala State Planning Board

	<b>Time</b>	<b>Session</b>	<b>Speaker</b>
	<b>14.00-15.55</b>	<b>Session: Modernising Agriculture, Fisheries, Animal Resources (Animal Resources Session)</b>	
	<b>14.00-15.00</b>	<b>Sub-session 1: Modernisation of Milk Cooperatives and Value Addition</b>	
1	14.00-14.05	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
2	14.05-14.10	Opening Remarks	<b>Adv K Raju</b> Minister for Forests, Animal Husbandry and Zoos Government of Kerala
3	14.10-14.15	Introductory Remarks by the Chair	<b>Dr H K Bhanwala</b> Former Chairperson NABARD



4	14.15-14.30	Modernisation of Milk Cooperatives and Value Addition	<b>Dr R S Sodhi</b> Managing Director, Gujarat Cooperative Milk Marketing Federation Limited AMUL
5	14.30-14.45	Modernisation of Milk Cooperatives and Value Addition	<b>Mr Meenesh Shah</b> Executive Director National Dairy Development Board, Anand Gujarat
6	14.45-14.55	Discussion	
7	14.55-15.00	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division Kerala State Planning Board
	<b>15.00-15.55</b>	<b>Sub-session 2: Meat Sector</b>	
1	15.00-15.05	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
2	15.05-15.10	Introductory Remarks by the Chair	<b>Dr Tarun Bajaj</b> Director, Animal Products, PFV Division, Agricultural and Processed Food Products Export Development Authority Ministry of Commerce and Industry Government of India
3	15.10-15.20	Augmenting the Possibilities in Poultry Meat Sector	<b>Mr P Valsan</b> Secretary All India Poultry Products Exporters Association
4	15.20-15.30	Enhancing Bovine Meat Production: Challenges and Possibilities	<b>Mr Fauzan Alavi</b> Vice President All India Buffalo and Sheep Meat Exporters Association
5	15.30-15.40	Exploring the Potential of Piggery Sector and Learning for further Development	<b>Dr R Thomas</b> Senior Scientist and i/c Food Quality Control Laboratory CAR-NRCP, Indian Council of Agricultural Research, Department of Agriculture Research and Education, Ministry of Agriculture and Farmer's Welfare, Government of India
6	15.40-15.50	Discussion	
7	15.50-15.55	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division Kerala State Planning Board



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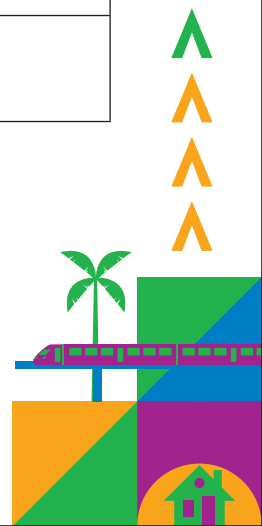
	Time	Session	Speaker
	<b>16.00-18.00</b>	<b>Session: Modernising Agriculture, Fisheries, Animal Resources (Fisheries Session)</b>	
	<b>16.00-16.45</b>	<b>Sub-session 1: Fisheries and Developing Economies: New Challenges and Opportunities</b>	
1	16.00-16.05	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
2	16.05-16.10	Opening Remarks	<b>Ms J Mercikuttu Amma</b> Minister for Fisheries and Harbor Engineering Government of Kerala
3	16.10-16.25	Fisheries and Developing Economies: New Challenges and Opportunities	<b>Dr Modadugu Vijay Gupta</b> Former Assistant Director General, World Fish Centre
4	16.25-16.40	On the Blue Economy Possibilities	<b>Ambassador Dr Nomvuyo N Nokwe</b> Secretary General Indian Ocean Rim Association*
5	16.40-16.45	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division, Kerala State Planning Board
	<b>16.45-18.00</b>	<b>Sub-session 2: Kerala's Fish Resources - Marine and Inland Aquaculture: Possibilities of Growth in Future</b>	
6	16.45-16.50	Welcome Address	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
7	16.50-17.00	On Deep Sea Fishing in Kerala	<b>Dr Leela Edwin</b> Principal Scientist Central Institute of Fisheries Technology (CIFT)
8	17.00-17.10	Building Value Chains, Learning from Andhra Pradesh Experience	<b>Dr Ben Belton</b> Associate Professor, Department of Agricultural, Food, and Resource Economics Michigan State University
9	17.10-17.20	Possibilities of Inland Aquaculture: Learning From Best Experiences	<b>Dr V V Sugunan</b> International Expert on Reservoir Fisheries and former Director CIFRI
10	17.20-17.30	Brackish Water Aquaculture: Possibilities for Kerala	<b>Dr P Ravi Chandran</b> Former Head of Crustacean Division CIBA and Former Member Secretary Coastal Aquaculture Authority
11	17.30-17.55	Discussion	
12	17.55-18.00	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division Kerala State Planning Board





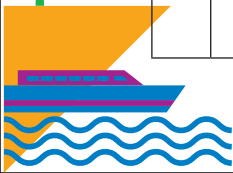
## THEME II: SESSION ON FEDERALISM AND DEVELOPMENT FINANCING

	Time	Session	Speaker
	<b>10.00-12.30</b>	<b>Session: Federalism and Development Financing</b>	
1	10.00-10.05	Welcome Address	<b>Prof K J Joseph</b> Director Gulati Institute of Finance and Taxation, Kerala
2	10.05-10.25	Opening Remarks	<b>Dr T M Thomas Isaac</b> Minister for Finance and Coir Government of Kerala
3	10.25-10.35	Introductory Remarks by the Chair	<b>Prof M Govinda Rao</b> Member, 14th Finance Commission and Honorary Professor, GIFT
4	10.35-11.50	Federalism and Development Financing	<p><b>Prof C P Chandrasekhar</b> Jawaharlal Nehru University New Delhi</p> <p><b>Prof Jayati Ghosh</b> Jawaharlal Nehru University New Delhi*</p> <p><b>Mr Rajesh Kumar Singh IAS</b> Additional Chief Secretary, Finance Department Government of Kerala</p> <p><b>Prof D Narayana</b> Honorary Professor Gulati Institute of Finance and Taxation, Kerala</p> <p><b>Prof Pinaki Chakraborty</b> Director, NIPFP</p>
5	11.50-12.00	Discussant	<b>Prof Sushil Khanna</b> Indian Institute of Management, Calcutta
6	12.00-12.25	Open Discussion	
7	12.25-12.30	Vote of Thanks	<b>Mr P Shaji</b> Chief, Plan Coordination Division Kerala State Planning Board



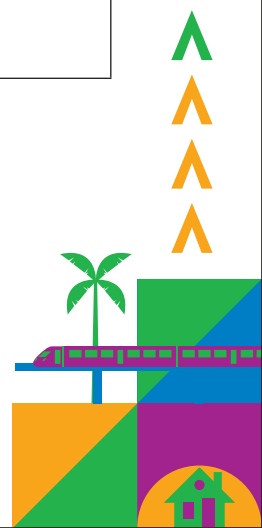
## THEME III: SESSION ON INFORMATION TECHNOLOGY

	Time	Session	Speaker
	<b>10.00-13.00</b>	<b>Session: Information Technology</b>	
1	10.00-10.05	Welcome Address	<b>Prof V K Ramachandran</b> Vice Chairperson Kerala State Planning Board
2	10.05-10.10	Vision Statement	<b>Mr Pinarayi Vijayan</b> Chief Minister of Kerala
3	10.10-10.15	Opening Remarks	<b>Mr Mohammed Y Safirulla, IAS</b> Additional Secretary, Department of Electronics and Information Technology Government of Kerala
4	10.15-10.30	Presentation of the Thematic Sessions	<b>Dr Saji Gopinath</b> Vice Chancellor, Kerala University of Digital Sciences, Innovation and Technology
5	10.30-10.35	Introductory Remarks by the Moderator	<b>Mr Santhosh Kurup</b> CEO ICT Academy Kerala
6	10.35-10.45	Major Changes in the Software Industry and How Kerala could Leverage on the Same Through Appropriate Policy Intervention	<b>Mr S D Shibulal</b> Co-founder Infosys
7	10.45-10.55	Scope and Possibilities of KFON Project in Kerala for Laying the Foundation for a Knowledge-Based Economy	<b>Mr M V Gowtama</b> CMD Bharat Electronics Limited*
8	10.55-11.05	Emerging Trends in Digital Transformation of Various Sectors and How Kerala should Leverage on the Same Through Appropriate Policy Changes	<b>Ms Debjani Ghosh</b> President NASSCOM*
9	11.05-11.15	Opportunities in Electronics Hardware Sector and How Kerala should Leverage on the Same Through Appropriate Policy Interventions	<b>Ms Nivruti Rai</b> Country Head Intel India, VP Data Center Group
10	11.15-11.25	Opportunities in Software Sector	<b>Mr Nandakumar K Nair</b> Founder and CEO, Suntec Business Solutions
11	11.25-11.35	Opportunities in Hardware Sector	<b>Prof Prahlad Vadekkat</b> National University of Singapore
12	11.35-12.05	Moderator Led Question Answer Session	<b>Mr Santhosh Kurup</b> CEO ICT Academy Kerala
13	12.05-12.35	Open Discussion	
14	12.35-12.50	Response by Panellists	
15	12.50-12.55	Summing up the Session	<b>Prof T Jayaraman</b> Member, Kerala State Planning Board
16	12.55-13.00	Vote of Thanks	<b>Mr Joy N R</b> Chief, Industry and Infrastructure Division Kerala State Planning Board



## THEME IV: SESSION ON E-GOVERNANCE

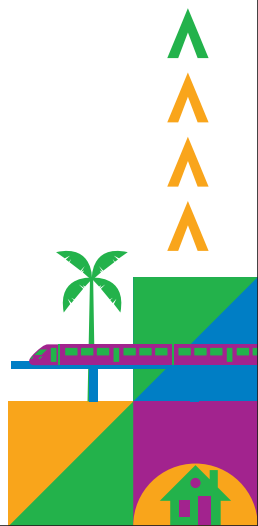
	Time	Session	Speaker
	<b>11.30-18.00</b>	<b>Session: e-Governance</b>	
	<b>11.30-13.15</b>	<b>Sub-session-1 Citizen Access to Services and Empowerment</b>	
1	11.30-11.35	Welcome Address	<b>Mr Mohammed Y Safirulla, IAS</b> Additional Secretary, Department of Electronics and Information Technology Government of Kerala
2	11.35-11.40	Introductory Remarks by the Chair	<b>Dr Amit Prakash</b> Associate Professor, Centre for IT and Public Policy International Institute of Information Technology Bangalore
3	11.40-11.55	Technology as an Enabler: C-DOT's R&D Initiatives for Boosting Connectivity and Digitally Empowering the Citizens Across the Nation	<b>Dr Rajkumar Upadhyay</b> Executive Director, Centre for Development of Telematics (C-DOT), Government of India
4	11.55-12.10	Leveraging Digital Infrastructure and ICT Against COVID 19 to Engage the Public in Korea	<b>Dr Chang Yong Son</b> ICT and Disaster Risk Reduction Division UN-ESCAP
5	12.10-12.25	E-Governance for Service Delivery: Focusing on Local Practice	<b>Dr Shirin Madon</b> Associate Professor Information System London School of Economics
6	12.25-12.40	Social Media Platforms and Threats of Misinformation	<b>Dr Joyojeet Pal</b> Principal Researcher Microsoft Research
7	12.40-12.55	Advancing Affordability and Meaningful Access to Connect the Last 50 per cent: Focussing on Closing the Connectivity Gaps in Asia and the Pacific	<b>Ms Anju Mangal</b> Asia Regional Coordinator Alliance for Affordable Internet World Wide Web Foundation
8	12.55-13.10	Open Discussion	
9	13.10-13.15	Vote of Thanks	<b>Dr Santhosh Vidyadharan</b> Chief, Perspective Planning Division Kerala State Planning Board



	Time	Session	Speaker
	<b>14.00-15.45</b>	<b>Sub-session 2: Decision Support Systems and Analytics</b>	
1	14.00-14.05	Welcome Address	<b>Dr Saji Gopinath</b> Vice Chancellor, Kerala University of Digital Sciences, Innovation and Technology
2	14.05-14.10	Introductory Remarks by the Chair	<b>Prof Rahul De</b> Information Systems, Indian Institute of Management, Bangalore
3	14.10-14.25	Leveraging Open Source for Digital Transformation	<b>Prof Rahul De</b> Information Systems, Indian Institute of Management, Bangalore
4	14.25-14.40	COVID-19: What does It Mean for Digital Social Protection?	<b>Dr Silvia Masiero</b> Associate Professor University of Oslo
5	14.40-14.55	AI/ML for Public System	<b>Dr Manish Gupta</b> Director, Google Research India
6	14.55-15.10	Leveraging Digital Data for Disaster Risk Management: Supporting Cross-Sector Dialogue and Learning	<b>Ms Gabrielle Iglesias</b> Senior Monitoring, Evaluation and Learning Officer, SCAOHUN and Fellow for Disaster Risk Management and Climate Change Adaptation, Ideacorp
7	15.10-15.25	Kerala State Digital Architecture - Interoperable Framework	<b>Mr T Mohan Dhas</b> Deputy Director General and State Informatics Officer (Scientist G), NIC
8	15.25-15.40	Discussion	
9	15.40-15.45	Vote of Thanks	<b>Dr Santhosh Vidyadharan</b> Chief, Perspective Planning Division Kerala State Planning Board
	<b>16.00-18.00</b>	<b>Sub-session 3: Legal and Policy Dimensions: Way Forward</b>	
1	16.00-16.05	Welcome Address	<b>Mr Mohammed Y Safirulla, IAS</b> Additional Secretary, Department of Electronics and Information Technology, Government of Kerala
2	16.05-16.10	Introductory Remarks by the Chair	<b>Dr Janaki Srinivasan</b> Assistant Professor and Convenor, Centre for IT and Public Policy (CITAPP), International Institute of Information Technology, Bangalore
3	16.10-16.25	Legal and Policy Changes to Freedom in Digital Age	<b>Mr Apar Gupta</b> Executive Director, Internet Freedom Foundation
4	16.25-16.40	On biometrics, AI and Societies - Towards a Critical Approach	<b>Ms Vidushi Marda</b> Senior Programme Officer, Article 19 and Nonresident Research Analyst at Carnegie India

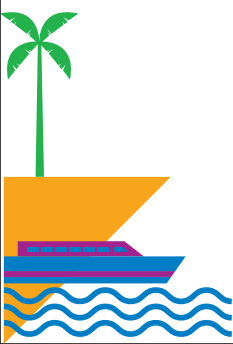


5	16.40-16.55	On Privacy Protection in Large Public Service Applications	<b>Prof Subhashis Banerjee</b> Computer Science Department, IIT Delhi
6	16.55-17.10	Aspects Concerning Data Security and privacy, Especially from the Perspective of a Potentially Increased Role of AI/ML Technologies within Government Agencies, and What could be a Good Way Forward for Policy Makers in States like Kerala	<b>Dr Subramanian N</b> Senior Director, R&D, CDAC
7	17.10-17.25	The Law and Policy of Automated Decision Making in Public Administration	<b>Mr Divij Joshi</b> Mozilla Tech Policy Fellow, Centre for Law & Policy Research
8	17.25-17.55	Open Discussion	
9	17.55-18.00	Vote of Thanks	<b>Dr Santhosh Vidyadharan</b> Chief, Perspective Planning Division Kerala State Planning Board



## THEME V: SESSION ON LOCAL GOVERNMENTS

	Time	Session	Speaker
		<b>Session: Local Governments</b>	
	<b>10.00-13.00</b>	<b>Sub-session 1: Best Practices</b>	
1	10.00-10.05	Welcome Address	<b>Dr Joy Elamon</b> Director, Kerala Institute of Local Administration
2	10.05-10.10	Opening Remarks	<b>Mr A C Moideen</b> Minister for Local Self Governments Government of Kerala
3	10.10-10.15	Introductory Remarks by the Moderator	<b>Dr Joy Elamon</b> Director Kerala Institute of Local Administration
4	10.15-10.25	Presentation	<b>Ms Josephine J</b> Chief Decentralised Planning Division Kerala State Planning Board
5	10.25-12.15	Best Practices by Local Governments	Presentations by Local Governments
6	12.30-12.55	Discussion	
7	12.55-13.00	Vote of Thanks	<b>Ms Josephine J</b> Chief Decentralised Planning Division Kerala State Planning Board



	Time	Session	Speaker
	<b>18.00-20.30</b>	<b>Sub-session 2: Decentralisation and Local Governance</b>	
1	18.00-18.05	Welcome Address	<b>Prof V K Ramachandran</b> Vice Chairperson Kerala State Planning Board
2	18.05-18.15	Introductory Remarks by the Moderator	<b>Ms Sarada Muraleedharan, IAS</b> Additional Chief Secretary, Local Self Government Department
3	18.15-19.25	Comments and Responses	<p><b>Prof K N Harilal</b> Member State Planning Board</p> <p><b>Prof Prabhat Patnaik</b> Professor Emeritus, Jawaharlal Nehru University</p> <p><b>Prof Patrick Heller</b> International Studies and Public Affairs Watson Institute, Brown University</p> <p><b>Prof Harry Blair</b> Visiting Fellow South Asian Studies Council Yale University</p> <p><b>Dr S S Meenakshisundaram</b> Visiting Professor, National Institute of Advanced Studies, Bangalore</p> <p><b>Ms Aruna Roy</b> Founder, Mazdoor Kisan Shakti Sangathan*</p> <p><b>Mr S M Vijayanand, IAS (Retd)</b> Former Chief Secretary and Chairperson, 6th State Finance Commission Kerala</p> <p><b>Dr Devika J</b> Professor, Centre for Development Studies</p>
4	19.25-20.25	Discussion	
5	20.25-20.30	Vote of Thanks	<b>Ms Josephine J</b> Chief, Decentralised Planning Division Kerala State Planning Board

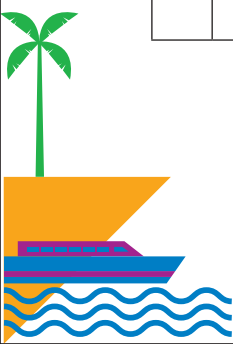


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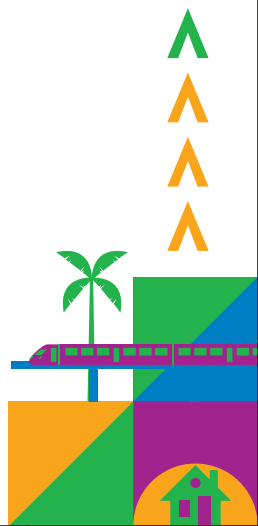
## THEME VI: SESSION ON MODERN SKILL DEVELOPMENT

	Time	Session	Speaker
	<b>14.00-17.00</b>	<b>Session: Modern Skill Development</b>	
1	14.00-14.05	Welcome Address	<b>Prof Mridul Eapen</b> Member Kerala State Planning Board
2	14.05-14.10	Opening Remarks	<b>Mr T P Ramakrishnan</b> Minister for Labour and Excise Government of Kerala
3	14.10-14.15	Opening Remarks	<b>Ms K K Shailaja Teacher</b> Minister for Health, Social Justice, and Women and Child Development Government of Kerala
4	14.15-14.20	Opening Remarks	<b>Prof V K Ramachandran</b> Vice Chairperson Kerala State Planning Board
5	14.20-14.25	Introductory Remarks by the Chair	<b>Prof K Ravi Raman</b> Member Kerala State Planning Board
6	14.25-14.40	Best Practices in Korea	<b>Prof Ju-Ho Lee</b> KDI School Former Minister of Science, Technology and Education Republic of Korea
7	14.40-14.55	Best Practices in Germany	<b>Mr Peter Rechmann</b> Deputy Head of GOVET and Head of Round Table Office, BIBB - Federal Institute for Vocational Education and Training, Bonn, Germany
8	14.55-15.10	Global Labour Market Perspective in the Context of Covid-19	<b>Ms Sukti Dasgupta</b> Chief Employment and Labour Market Policies Branch Employment Policy Department International Labour Organisation
9	15.10-15.25	Best Practices in South Asia and Other Parts of Asia	<b>Mr Gabriel H Bordado</b> Skills and Employment Specialist, Decent Work Technical Team, South Asia International Labour Organisation



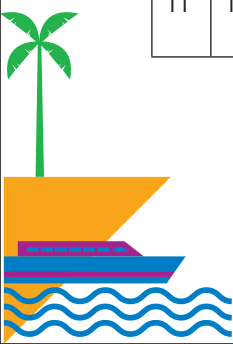


10	15.25-15.40	Best Practices in Skill Development	<b>Mr Atul Kumar Tiwari IAS</b> Additional Secretary, Ministry of Skill Development and Entrepreneurship Government of India
11	15.40-15.55	International Best Practices in the Sphere of Skill Development and Employability among Young Workers	<b>Mr Srinivas Reddy</b> Branch Chief Skills and Employability Branch Employment Policy Department International Labour Organisation
12	15.55-16.05	Discussant	<b>Prof Santosh Mehrotra</b> Centre for Informal Sector and Labour Studies Jawahar Lal Nehru University
13	16.05-16.15	Discussant	<b>Prof Jeemol Unni</b> Economics and Public Policy and Chair, Master of Arts in Economics Programme, Ahmedabad University
14	16.15-16.55	Discussion	
15	16.55-17.00	Vote of Thanks	<b>Dr Bindu P Verghese</b> Chief, Social Services Division Kerala State Planning Board



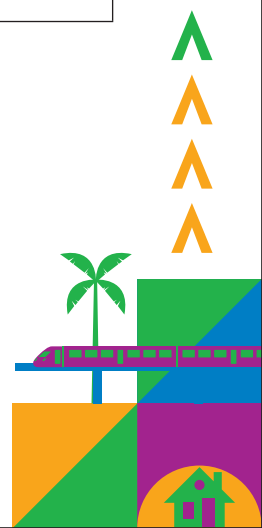
## THEME VII: SESSION ON MODERN INDUSTRIAL POSSIBILITIES

	Time	Session	Speaker
	<b>14.00-16.30</b>	<b>Session: Modern Industrial Possibilities</b>	
1	14.00-14.15	Welcome Address	<b>Dr Jayan Jose Thomas</b> Member Kerala State Planning Board
2	14.15-14.25	Opening Remarks	<b>Mr E P Jayarajan</b> Minister for Industries, Sports and Youth Affairs Government of Kerala
3	14.25-14.30	Introductory Remarks by the Chair	<b>Dr K Ellangovan IAS</b> Principal Secretary, Industries Government of Kerala
4	14.30-14.45	Latest Developments in the Areas of Logistics and Port-Based Industrial Development, Particularly on Opportunities for Kerala	<b>Mr Rizwan Soomar</b> MD and CEO DP World- Port and Logistics
5	14.45-15.00	Entrepreneurship Nourishment and Industry-Focused Research in Academic Institutions, Particularly the Experiences of IITs	<b>Prof V Ramgopal Rao</b> Director Indian Institute of Technology Delhi
6	15.00-15.15	Possibilities for Industrial and Economic Development in Rural and Semi Urban Areas on Account of Changes in Communication Technologies	<b>Ms Daisy Chittilapilly</b> MD, Digital Transformation CISCO
7	15.15-15.30	South Korean Experience in Promoting Industrial Development, and the Economic Growth Possibilities for Kerala in the Emerging Global Order	<b>Prof M Jae Moon</b> Director Institute for Future Government Studies Yonsei University
8	15.30-15.45	Building a Modern and Technologically Vibrant Industrial Sector in Kerala	<b>Mr Tony Thomas</b> Former CIO Nissan Motor
9	15.45-16.20	Discussion	
10	16.20-16.25	Concluding Remarks by Chairperson	
11	16.25-16.30	Vote of Thanks	<b>Mr Joy N R</b> Chief, Industry and Infrastructure Division Kerala State Planning Board



## THEME VIII: SESSION ON TOURISM

	Time	Session	Speaker
	<b>14.00-16.30</b>	<b>Session: Tourism</b>	
1	14.00-14.05	Welcome and Introductory Remarks by the Chair	<b>Dr Venu V</b> Member Secretary Kerala State Planning Board
2	14.05-14.10	Opening Remarks	<b>Mr Kadakampally Surendran</b> Minister for Co-operation, Tourism and Devaswoms Government of Kerala
3	14.10-14.30	Future of Tourism in Kerala	<b>Mr Suman Billa</b> Director Technical Cooperation and Silk Road UNWTO, Madrid
4	14.30-14.50	Future of Active Holidays, Particularly for Destinations like Kerala	<b>Ms Christina Beckmann</b> Vice President, Global Strategy for Adventure Travel Trade Association & Co - Founder Tomorrow's Air
5	14.50-15.10	Tourism Marketing in a Post-Covid Scenario.	<b>Prof Nimit Ranjan Chowdhary</b> Head of the Department Department of Tourism and Hospitality Management, Jamia Millia Islamia
6	15.10-15.30	Responsible Tourism	<b>Dr Harold Goodwin</b> Founder Director, International Centre for Responsible Tourism, United Kingdom
7	15.30-15.50	Future of Tourism in Kerala	<b>Mr Dipak Deva</b> Managing Director Travel Corporation India Limited
8	15.50-16.25	Discussion	
9	16.25-16.30	Concluding Remarks by Chair	<b>Dr Venu V</b> Member Secretary Kerala State Planning Board



## THEME IX: SESSION ON HIGHER EDUCATION

	Time	Session	Speaker
	<b>17.00-19.30</b>	<b>Session: Higher Education</b>	
1	17.00 -17.05	Welcome Address	<b>Dr B Ekbal</b> Member Kerala State Planning Board
2	17.05-17.10	Opening Remarks	<b>Dr K T Jaleel</b> Minister for Higher Education and Minority Welfare Government of Kerala
3	17.10-17.15	Introductory Remarks by the Chair	<b>Dr Rajan Gurukkal P M</b> Vice Chairperson Kerala State Higher Education Council
4	17.15-17.30	Curricular Innovations	<b>Prof Gopinath Ravindran</b> Vice Chancellor Kannur University
5	17.30-17.45	Massive Open Online Courses: Review of their Potential in Higher Education	<b>Prof Ronald J Herring</b> Professor Emeritus, The Department of Government Cornell University, New York
6	17.45-18.00	Institutional Innovations	<b>Prof N V Varghese</b> Vice Chancellor National Institute of Educational Planning and Administration
7	18.00-18.15	Institutional Innovations	<b>Prof Shyam B Menon</b> Central Institute of Education University of Delhi
8	18.15-18.30	Networks for Teaching, Research, and Student Exchange	<b>Prof Daniel Little</b> Sociology and Public Policy University of Michigan
9	18.30-18.45	Innovations in Library and Information Availability	<b>Prof Devika P Madalli</b> Documentation Research and Training Centre Indian Statistical Institute Bengaluru
10	18.45-19.00	Issues of Strengthening the Socially Inclusive Character of Higher Education	<b>Prof Sukhadeo Thorat</b> Professor Emeritus Centre for the Study of Regional Development Jawaharlal Nehru University
11	19.00-19.20	Comments and Discussion	
12	19.20-19.25	Concluding Remarks by Chair	<b>Dr Rajan Gurukkal P M</b> Vice Chairperson Kerala State Higher Education Council
13	19.25-19.30	Vote of Thanks	<b>Dr Bindu P Varghese</b> Chief, Social Service Division Kerala State Planning Board



## SPECIAL INDUSTRY SESSION

**February 3, 2021 (Day 3)**

**10.00 to 13.00 hours**

	Time	Session	Speaker
	<b>10.00-13.00</b>	<b>Session: Special Industries</b>	
1	10.00-10.10	Welcome Address	<b>Prof V K Ramachandran</b> Vice Chairperson Kerala State Planning Board
2	10.10-10.25	Opening Remarks	<b>Mr E P Jayarajan</b> Minister for Industries, Sports and Youth Affairs Government of Kerala
3	10.25-12.10	Address	<p><b>Mr Ratan Tata</b> Chairperson, Tata Trusts</p> <p><b>Mr Azim Premji</b> Founder Chairperson, Wipro Limited*</p> <p><b>Mr Anand Mahindra</b> Chairman, Mahindra Group</p> <p><b>Ms Kiran Mazumdar-Shaw</b> Executive Chairperson, Biocon Limited</p> <p><b>Mr Kris Gopalakrishnan</b> Chairman Axilor Ventures</p> <p><b>Mr M A Yusuff Ali</b> Chairperson, LuLu Group</p> <p><b>Mr B Ravi Pillai</b> Managing Director, RP Group</p> <p><b>Dr Azad Moopen</b> Chairperson and Managing Director Aster Medicity</p>
4	12.10-12.35	Discussion	
5	12.35-12.55	Concluding Remarks	<b>Mr Pinarayi Vijayan</b> Chief Minister of Kerala
6	12.55-13.00	Vote of Thanks	<b>Dr Jayan Jose Thomas</b> Member Kerala State Planning Board



**CONCLUDING SESSION**  
**February 3, 2021 (Day 3)**  
**14.00 to 16.30 hours**

	Time	Session	Speaker
	<b>14.00-16.30</b>	<b>Concluding Session</b>	
1	14.00-14.10	Welcome Address	<b>Prof V K Ramachandran</b> Vice Chairperson Kerala State Planning Board
2	14.10-14.20	Summary of Session on Modernising Agriculture, Fisheries, and Animal Resources	<b>Prof R Ramakumar</b> Member Kerala State Planning Board
3	14.20-14.30	Summary of Session on Federalism and Development Financing	<b>Prof K J Joseph</b> Director Gulati Institute of Finance and Taxation
4	14.30-14.40	Summary of Session on Information Technology	<b>Prof T Jayaraman</b> Member Kerala State Planning Board
5	14.40-14.50	Summary of Session on E-governance	<b>Dr Amit Prakash</b> Associate Professor, Centre for IT and Public Policy, International Institute of Information Technology, Bangalore
6	14.50-15.00	Summary of Session on Local Governments	<b>Ms Josephine J</b> Chief Decentralised Planning Division Kerala State Planning Board
7	15.00-15.10	Summary of Session on Modern Skill Development	<b>Dr K Ravi Raman</b> Member Kerala State Planning Board
8	15.10-15.20	Summary of Session on Modern Industrial Possibilities	<b>Dr Jayan Jose Thomas</b> Member Kerala State Planning Board
9	15.20-15.30	Summary of Session on Tourism	<b>Er. Joy N R</b> Chief I&I Division State Planning Board
10	15.30-15.40	Summary of Session on Higher Education	<b>Dr B Ekbal</b> Member Kerala State Planning Board
11	15.40-16.10	Address	TBA
12	16.10-16.25	Concluding remarks	<b>Mr Pinarayi Vijayan</b> Chief Minister of Kerala
13	16.25-16.30	Vote of Thanks	<b>Dr Venu V</b> Member Secretary Kerala State Planning Board



## SCHEDULE THEMATIC SESSIONS

### INFORMATION TECHNOLOGY

#### THEMATIC SESSION: SOFTWARE

**Date: January 24, 2021**

**Time: 18:30 to 21:00 hours**

Time Duration	Session	Speaker
18.30-18.35	Welcome Address	<b>Prof T Jayaraman</b> Member, Kerala State Planning Board
18.35-18.40	Opening Remarks	<b>Mr Mohammed Y Safirulla, IAS</b> Additional Secretary, Department of Electronics and Information Technology
18.40-18.50	Presentation of the Thematic Concept Note	<b>Dr Saji Gopinath</b> Vice Chancellor, Kerala University of Digital Sciences, Innovation and Technology
18.50-18.55	Initial Remarks by the Moderator	<b>Mr Santhosh Kurup</b> CEO ICT Academy Kerala
18.55-19.05	Presentations	<b>Prof T Kesavadas</b> Director, Health Care Engineering Systems Centre University of Illinois at Urbana Champaign
19.05-19.15		<b>Mr Sreekanth Arimanithaya</b> Global Talent and Enablement Services Leader Global Delivery Services, Ernst &Young
19.15-19.25		<b>Mr Nandakumar K Nair</b> Founder and CEO, Suntec Business Solutions
19.25-19.35		<b>Mr Anoop Ambika</b> CEO, CLAP Research
19.35-19.45		<b>Prof Rajasree M S</b> Vice Chancellor APJ Abdul Kalam Technological University
19.45-20.10	Moderator led Question Answer Session	
20.10-20.40	Open Discussion	
20.40-20.55	Final Observations by Panellists	Speakers
20.55-21.00	Vote of Thanks	<b>Er. Joy N R</b> Chief, I&I Division, State Planning Board



## THEMATIC SESSION: HARDWARE

Date: January 27, 2021

Time: 10:00 to 12:30 hours

Time Duration	Session	Speaker
10.00-10.05	Welcome Address	<b>Prof T Jayaraman</b> Member, Kerala State Planning Board
10.05-10.10	Opening Remarks	<b>Mr Mohammed Y Safirulla, IAS</b> Additional Secretary, Department of Electronics and Information Technology Government of Kerala
10.10-10.20	Presentation of the Thematic Concept Note	<b>Dr Saji Gopinath</b> Vice Chancellor, Kerala University of Digital Sciences, Innovation and Technology
10.20-10.25	Initial Remarks by the Moderator	<b>Dr Jayasankar Prasad C</b> Managing Director Kerala Information Technology Infrastructure Ltd (KSITIL)
10.25-10.35	Presentations	<b>Prof Prahlad Vadekkat</b> National University of Singapore
10.35-10.45		<b>Mr Christo George</b> Chairman and Managing Director Hykon India Ltd
10.45-10.55		<b>Mr Althaf Jehangir</b> CEO and Executive Director, NeST SFO Technologies
10.55-11.05		<b>Mr Gautam Shankar</b> VP-Operations, India and Japan Kimball Electronics
11.05-11.35	Moderator led Question answer Session.	
11.35-12.05	Open Discussion	
12.05-12.25	Final Observations by Panellists	
12.25-12.30	Vote of Thanks	<b>Er. Joy N R</b> Chief, I&I Division, State Planning Board





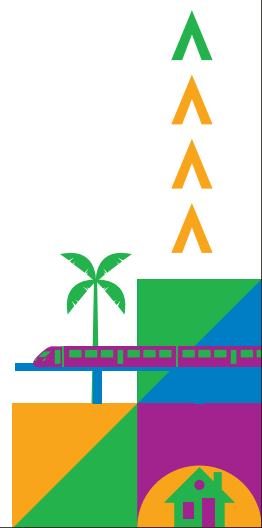
## MODERNISING AGRICULTURE, FISHERIES, AND ANIMAL RESOURCES

### THEMATIC SESSION: KERALA'S AGRICULTURE: THE NEED TO RAISE PRODUCTIVITY

**Date: January 27, 2021**

**Time: 10.30 to 12.00 hours**

Time Duration	Session	Speaker
10.30-10.35	Introductory Remarks	<b>Prof R Ramakumar</b> Member, State Planning Board
10.35-10.45	Opening Remarks by the Chair	<b>Dr R Chandra Babu</b> Vice Chancellor Kerala Agricultural University
10.45-11.00	Data based Presentation on Yield Gaps and Major Challenges	<b>Dr Jacob John</b> Professor and Head Integrated Farming Systems Research Station, Thiruvananthapuram
11.00-11.15	Research Advances to Bridge Yield Gaps	<b>Dr Madhu Subramanian</b> Director of Research Kerala Agricultural University
11.15-11.30	Agriculture Extension and Productivity in Kerala	<b>Dr Jiju P Alex</b> Director of Extension Kerala Agricultural University
11.30-11.55	Discussion	
11.55-12.00	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division Kerala State Planning Board



**THEMATIC SESSION:  
MILK PRODUCTIVITY TRENDS OF BOVINES IN KERALA  
STRATEGIES FOR ATTAINING SUFFICIENCY  
IN MILK PRODUCTION**

**Date: January 28, 2021**

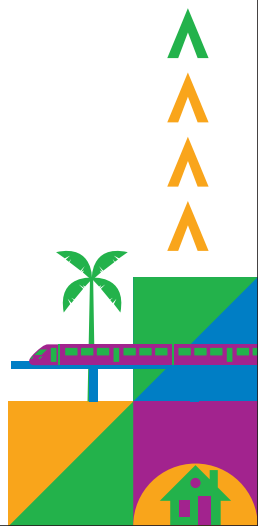
**Time: 14.30 to 15.45 hours**

Time Duration	Session	Speaker
14.30-14.35	Introductory Remarks	<b>Prof R Ramakumar</b> Member, State Planning Board
14.35-14.45	Opening Remarks by the Chair	<b>Dr M R Saseendranath</b> Vice Chancellor Kerala Veterinary and Animal Sciences University
14.45-15.00	Milk Productivity Trends of Bovines in Kerala	<b>Dr Jose James</b> Managing Director Kerala Livestock Development Board
15.00-15.15	Strategies for Attaining Sufficiency in Milk Production	<b>Dr Sudheer Babu</b> Professor and Head College of Dairy Sciences and Technology Kerala Veterinary and Animal Sciences University
15.15-15.40	Discussion	
15.40-15.45	Vote of Thanks	<b>Mr S S Nagesh</b> Chief, Agriculture Division, Kerala State Planning Board



**\*To be confirmed**







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**CONTACT DETAILS:**

**Ms Gayatri Nair**, IES, Economic Advisor to VC

+91 9560 3382 20

**Dr Harshan T P**, Private Secretary of VC

+91 9967 5089 13

**Shri Akhil Bharathan**, Personal Assistant, Office of VC

+91 7395 9696 08

Contact Mail id: [conf.2021@kerala.gov.in](mailto:conf.2021@kerala.gov.in)

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