

## International Conference

On

### Blended Learning Ecosystem for Higher Education in Agriculture

National Agricultural Science Complex, New Delhi, India

March 21-23, 2023

#### Program Outline (Tentative)

(Time indicated in IST)

Day 1: March 21, 2023								
10.00 - 11.30 h	<b>Registration and Tea</b>							
11.30 - 13.30 h	<b>Inaugural Session</b> <ol style="list-style-type: none"> <li><b>Dr. Rakesh Chandra Agrawal</b>, Deputy Director General (Agricultural Education), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India</li> <li><b>Dr. Auguste Tano Kouame</b>, Country Director, The World Bank (Education Scenario in the World, Progress of India in Education Sector) <b>(15 Minutes)</b></li> <li><b>Dr Himanshu Pathak</b>, Secretary, Department of Agriculture Research and Education (DARE) and Director General (DG), ICAR, Ministry of Agriculture and Farmers Welfare, Government of India, India (Agricultural Education System Overview and Way forward) <b>(15 Minutes)</b></li> <li><b>Km. Shobha Karandlaje</b>, Hon'ble Minister of State, Ministry of Agriculture and Farmers Welfare, Government of India, India <b>(15 Minutes)</b></li> <li><b>Shri Kailash Choudhary</b>, Hon'ble Minister of State, Ministry of Agriculture and Farmers Welfare, Government of India, India <b>(15 Minutes)</b></li> <li><b>Shri Ashwini Vaishnaw</b>, Hon'ble Minister of Communications and Electronics &amp; Information Technology, Government of India, India <b>(15 Minutes)</b></li> <li><b>Shri Dharmendra Pradhan</b>, Hon'ble Minister of Education of India, Government of India, India (NEP 2020 and Implementation Status across India) <b>(15 Minutes)</b></li> <li><b>Shri Narendra Singh Tomar</b>, Hon'ble Minister of Agriculture &amp; Farmers Welfare, Government of India, India <b>(30 Minutes)</b></li> </ol>							
13.30-14.30 h	<b>Lunch Break</b>							
14.30 -16.00 h	<b>Plenary Session 1 – Modernization of Agricultural Education</b> <table border="1"> <tr> <td rowspan="2"><b>Co-Chairs</b></td><td><b>Dr. Rakesh Chandra Agrawal</b>, Deputy Director General (Agricultural Education), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India</td></tr> <tr> <td><b>Dr. A.K.Singh</b>, Director, ICAR – Indian Agricultural Research Institute, New Delhi</td></tr> <tr> <td><b>Convenor</b></td><td><b>Dr. Seema Jaggi</b>, Assistant Director General (HRD), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India</td></tr> <tr> <td><b>Rapporteurs</b></td><td><b>Dr. Alka Arora</b>, Head (A), Division of Computer Applications, ICAR – IASRI, New Delhi, India</td></tr> </table>	<b>Co-Chairs</b>	<b>Dr. Rakesh Chandra Agrawal</b> , Deputy Director General (Agricultural Education), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India	<b>Dr. A.K.Singh</b> , Director, ICAR – Indian Agricultural Research Institute, New Delhi	<b>Convenor</b>	<b>Dr. Seema Jaggi</b> , Assistant Director General (HRD), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India	<b>Rapporteurs</b>	<b>Dr. Alka Arora</b> , Head (A), Division of Computer Applications, ICAR – IASRI, New Delhi, India
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	<b>Dr. Soumen Pal</b> , Scientist, Division of Computer Applications, ICAR – IASRI, New Delhi, India
	<b>Keynote – Modernization of Agricultural Higher Education in India– The Roadmap for Implementation of New Education Policy 2020 (20 Minutes)</b> <b>Dr R.C Agrawal</b> - Deputy Director General (Agri. Edn.) & National Director, NAHEP, ICAR
	<b>Keynote – Blended Learning - New opportunities for higher agriculture education in India (20 Minutes)</b> <b>Dr. Bekzod</b> , TTL, NAHEP, The World Bank, Washington, USA
	<b>Keynote – Drawing from Global Experiences of Higher Agriculture Education and Innovation on Agriculture and Agribusiness Development (20 Minutes)</b> <b>Mr. Werner Wutscher</b> , Former Deputy Minister of Agriculture, Forestry, Environment and Water Management, Austria
	<b>Keynote – Digital Public Infrastructure and Digital Public Goods for Education in India (20 Minutes)</b> <b>Dr. Abhishek Singh</b> , Chief Executive Officer, Karmayogi Bharat, Government of India, India
	<b>Questions and Answers Session (10 Minutes)</b>
<b>16.00 h-16.30 h</b>	<b>Networking Tea</b>
	<b>Convener</b> <b>Dr. Bimlesh Mann</b> , Assistant Director General (EP&HS), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India
<b>16.30 h – 18.30 h</b>	<b>Panel Discussion – 1: Exploring Effective Strategies of Blended Learning for Higher Education in Agriculture</b>
<b>Session Moderator</b>	<b>TBD</b>
<b>Panelists</b>	<ol style="list-style-type: none"> <li><b>Prof. T. G. Sitharam</b>, Chairman, All India Council of Technical Education (AICTE), India</li> <li><b>Dr. Claus-Rainer Michalek</b>, Head of Department, e-Learning, University of Natural Resources and Life Sciences, Vienna, Austria</li> <li><b>Dr. Sidas Saulynas</b>, Lecturer, UMBC, Information Systems Department, Maryland</li> <li><b>Dr. Basheerhamad Shadrach</b>, Director, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi, India</li> <li><b>Dr. Abdur Rab Miah</b> - Vice Chancellor, International University of Business Agriculture &amp; Technology, Dhaka, Bangladesh</li> <li><b>Dr. Andra Darrell Johnson</b>, Dean for Extension &amp; Director of the Florida Cooperative Extension Service, University of Florida, USA</li> <li><b>Dr. Poorna Gunasekera</b>, Associate Dean International, Peninsula Medical School (Faculty of Health), University of Plymouth, United Kingdom</li> </ol>
	<b>Questions and Answers Session (10 Minutes)</b>
<b>10.00-19.00 h</b>	<b>Exhibition</b>

9.30 -10.00 h	<b>Networking Tea</b>	
10.00 – 12.00 h	<b>Plenary Session 2: Blended Learning Through the Lens of Emerging Technologies</b>	
	<b>Co-Chairs</b>	<b>Dr. Joykrushna Jena</b> , Deputy Director General (Fisheries Science), Division of Fisheries Science, Krishi Anusandhan Bhawan - II, Government of India, India
		<b>Dr. Tilak Raj Sharma</b> , Deputy Director General (Crop Science), Division of Crop Science, Ministry of Agriculture and Farmers Welfare, Government of India, India
	<b>Convenor</b>	<b>Dr. Hema Tripathi</b> , National Coordinator (M&E and ESS), PIU, NAHEP, New Delhi, India
	<b>Rapporteur</b>	<b>Dr. Anshu Bharadwaj</b> , Principal Scientist, Division of Computer Applications, ICAR – IASRI, New Delhi, India
		<b>Ms. Madhu</b> , Scientist, Division of Computer Applications, ICAR – IASRI, New Delhi, India
	<b>Keynote – NAHEP-Blended Learning Platform and associated IT Initiatives under RAES (20 Minutes)</b>	<b>Dr. Sudeep Marwaha</b> , PI NAHEP Component 2, Division of Computer Applications, ICAR – IASRI, New Delhi, India
	<b>Keynote - Integrating Innovation and Entrepreneurship in Agricultural Education (20 Minutes)</b>	<b>Prof. Perry Den Brok</b> , Professor, Department of Social Sciences, Wageningen University, Netherlands
	<b>Keynote - TBD</b>	<b>TBD</b>
	<b>Questions and Answers Session (10 Minutes)</b>	
12.00-12.30 h	<b>Keynote – Blended Learning and Emerging Artificial Intelligence (AI) Technologies (20 Minutes)</b>	<b>Dr. Glenn C. Shinn</b> - Professor Emeritus and Senior Scientist, Department of Agricultural Leadership, Education and Communications Texas A&M University, USA
	<b>Keynote – How Virtual Reality is Changing Education and Research (20 Minutes)</b>	<b>Mr. Pierre Dillenbourg</b> , Swiss Federal Institute of Technology, Lausanne, Switzerland (Virtually)
	<b>Questions and Answers Session (10 Minutes)</b>	
12.00-12.30 h	<b>Networking Tea</b>	
12.30 – 14.00 h	<b>Panel Discussion – 2: Making Agricultural Education Future Ready with 3 Es: Emerging Technologies, Employability and Entrepreneurship</b>	
	<b>Convenor</b>	<b>Dr. P. Ramasundaram</b> , National Coordinator (IDP), PIU, NAHEP, New Delhi, India

	<b>Session Moderator</b>	TBD
<b>Panelists:</b>	<ol style="list-style-type: none"> <li>1. <b>Dr. David Kraybill</b> - Professor Emeritus, Ohio State University, Washington DC-Baltimore Area, USA</li> <li>2. <b>Dr. Inu Rana</b>, Sr Business Advisor, Western Sydney University, Australia</li> <li>3. <b>Prof. Atul Khosla</b> - Founder and Vice Chancellor, Shoolini University, Himachal Pradesh, India</li> <li>4. <b>Dr. Nazir Ahmad Ganai</b> - Vice-Chancellor, SKUAST-Kashmir, India</li> <li>5. <b>Dr. Prabhat Kumar</b>, Horticulture commissioner, Department of Agriculture &amp; Farmers Welfare, Ministry of Agriculture, Government of India, India</li> <li>6. <b>Dr. Sudha Rao (Rtd.)</b>, Chief Executive Officer at Sri Dharmasthala Manjunatheshwara Education Society, Bengaluru, Karnataka, India</li> </ol>	
<b>14.00 -15.00 h</b>	<b>Networking Lunch</b>	
<b>15.00 -16.30 h</b>	<b>Panel Discussion – 3: Accelerating Digital Development Through Effective Capacity Building and Change Management</b>	
	<b>Convenor</b>	TBD
<b>Session Moderator</b>	TBD	
<b>Panelists:</b>	<ol style="list-style-type: none"> <li>1. <b>Prof Anil D. Sahasrabudhe</b>, Chairman, National Education Technology Forum (AICTE), India</li> <li>2. <b>Dr. Gopesh Tiwari</b> - Head of Education, International Rice Research Institute, Los Baños, Calabarzon, Philippines</li> <li>3. <b>Dr. Virendra Kumar Tewari</b> - Director and Professor, Agricultural and Food Engineering, IIT Kharagpur, India</li> <li>4. <b>Dr. Sajid Pareeth</b>, Senior Lecturer, IHE Delft Institute for Water Education, Netherlands</li> <li>5. <b>Dr. Ch. Srinivasa Rao</b> - Director, National Academy of Agricultural Research Management (NAARM), Hyderabad, India</li> <li>6. <b>Dr. Ms. Seema Khanna</b>, DDG, National Informatics Centre, MeiT</li> <li>7. <b>Mr. Sudhir Agrawal</b>, Director and Faculty - Digital Transformation, Wadhvani Foundation, New Delhi, India</li> </ol>	
<b>16.30 - 17.00 h</b>	<b>Networking Tea</b>	
<b>17.00 - 17.50 h</b>	<b>Case Study</b> – "Change leadership for blended learning in higher education: the case of Malawi, the Warm Heart of Africa." <b>(20 Minutes)</b>	<b>Professor Joshua Valeta</b> – Director, Open, Distance and e-Learning, Ministry of Education, Malawi Government, Malawi
	<b>Keynote</b> – Digital tools & E.N.H.A.N.C.E. Learning Model <b>(20 Minutes)</b>	<b>Dr. Morris Thomas</b> - Assistant Provost for Digital and Online Learning & Director of the Center for Excellence in Teaching, Learning, and Assessment, Howard University, Washington, USA
	<b>Questions and Answers Session (10 Minutes)</b>	
<b>10.00-18.00 h</b>	<b>Exhibition</b>	

18.30 h	<b>Gala Dinner with Cultural Programme</b>
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Day 3: March 23, 2023		
9.30 -10.00 h	Networking Tea	
10.00 -11.30 h	Plenary Session 3 : Sustainable Digital Transformation in Education System	
	Co-Chair	<b>Dr. Bhupendra Nath Tripathi</b> , Deputy Director General (Animal Science), Division of Animal Science, Krishi Bhavan, New Delhi  <b>Dr. Udham Singh Gautam</b> , Deputy Director General (Agricultural Extension), Division of Agricultural Extension, Krishi Anusandhan Bhawan, New Delhi
	Convenor	TBD
	Rapporteur	<b>Dr. Shashi Dahiya</b> , Principal Scientist, Division of Computer Applications, ICAR – IASRI, New Delhi, India  <b>Dr. Sanchita Naha</b> , Scientist, Division of Computer Applications, ICAR – IASRI, New Delhi, India
	<b>Keynote –</b> New Education Technology in Agricultural Education <b>(20 Minutes)</b>	<b>Dr. Alex Twinomugisha</b> , Senior Education Technology Specialist, The World Bank, Washington, USA (Virtually)
	<b>Keynote –</b> Making the most of the Digital in a Blended Learning Ecosystem <b>(20 Minutes)</b>	<b>Ms. Denise Whitelock</b> – Director, Open University, United Kingdom (Virtually)
	<b>Keynote –</b> Importance of Sustainability in Digital Transformation <b>(20 Minutes)</b>	<b>Dr. Alok R Saboo</b> - Director of MS-Marketing Program   J. Mack Robinson College of Business, Atlanta, Georgia, USA
	<b>Keynote –</b> Sustainable business model for Digital Innovation <b>(20 Minutes)</b>	<b>Dr. Yanko Fernando Michea</b> - Director, Information & Learning Technologies Washington State University, Washington, USA
	<b>Questions and Answers Session (10 Minutes)</b>	
11.30-12.00 h	Networking Tea	
12.00 – 13.30 h	Panel Discussion – 4: Digital Transformation in Education Sector	
Session Moderator	TBD	
Panelists:	<ol style="list-style-type: none"><li><b>Shri Rajesh Gera</b> – Director General, National Informatics Centre, Ministry of Electronics &amp; Information Technology, Government of India, India</li><li><b>Mr. Gaurav Singh</b> - Director, Ed Tech, Department of higher and technical education, Ministry of Education, Government of India, India</li><li><b>Mr. Vikas Kanungo</b> - Sr. Digital Development Specialist. The World Bank, India</li></ol>	

	<p>4. <b>Mr. Gaurav Gupta</b> – Chief Growth Officer, EkStep Foundation, Bengaluru, Karnataka</p> <p>5. <b>Dr. Rajender Parsad</b> - Director, ICAR-Indian Agricultural Statistics Research Institute (IASRI), New Delhi, India</p>
<b>13.30-14.30 h</b>	<b>Networking Lunch</b>
<b>14.30-16.00 h</b>	<b>Concluding Session</b>
<b>16.00-16.15 h</b>	<b>Networking Tea</b>
<b>Chair</b>	<b>Dr Himanshu Pathak</b> , Secretary, DARE and DG, ICAR, Ministry of Agriculture and Farmers Welfare, Government of India, India
<b>Welcome and Overview</b>	<b>Dr. R.C. Agrawal</b> , Deputy Director General (Agricultural Education), Indian Council of Agricultural Research, Ministry of Agriculture and Farmers Welfare, Government of India, India
<b>Chief Guest</b>	<b>Prof. Ramesh Chand</b> , Member, NITI Aayog, Government of India, India
<b>16.15-18.00 h</b> <b>Valedictory Session</b>	<p>1. <b>Dr. T. V. Somanathan</b>, Finance Secretary, Ministry of Finance, Government of India, India</p> <p>2. <b>Shri Alkesh Kumar Sharma</b>, Secretary, Ministry of Electronics and Information Technology, Government of India, India</p> <p>3. <b>Sh. K Sanjay Murthy</b>, Secretary Higher Education, Ministry of Education, Government of India, India</p> <p>4. <b>Shri Sanjay Garg</b>, Additional Secretary (DARE) &amp; Secretary (ICAR), Ministry of Agriculture and Farmers Welfare, Government of India, India</p> <p>5. <b>Ms. Alka Nangia Arora</b>, Joint Secretary &amp; Financial Advisor, Department of Agricultural Research and Education, Ministry of Agriculture and Farmers Welfare, Government of India, India</p> <p>6. <b>Dr. Oliver Braedt</b>, Practice Manager, Agriculture and Food Global Practice, The World Bank, Washington, USA</p> <p>7. <b>Dr. Trilochan Mohapatra</b>, Former Director General (ICAR)</p>
<b>Vote of Thanks</b>	<b>TBD</b>