



International Conference on
Blended Learning Ecosystem for Higher Education in Agriculture
Bharat Ratna C. Subramaniam Auditorium, National Agricultural Science Complex, New Delhi, India

March 21-23, 2023

Program Schedule
(Time indicated in IST)

Day 1: March 21, 2023 (Tuesday)

9.00 - 10.00 AM Registration

10.00 - 11.45 AM **Plenary Session 1 – Modernization of Agricultural Education**

Co-Chairs **Dr. R.C. Agrawal**
Deputy Director General (Agricultural Education) & ND, NAHEP, ICAR, New Delhi
Dr. Anupama Singh
Joint Director, ICAR – Indian Agricultural Research Institute, New Delhi

Convenor **Dr. Seema Jaggi**
Assistant Director General (HRD), ICAR, New Delhi

Rapporteurs **Dr. Soumen Pal** and **Dr. Chandan Kumar Deb**
ICAR-IASRI, New Delhi

10.00 - 10.20 AM **Keynote Lecture 1**

Modernization of Agricultural Higher Education in India & the Roadmap for Implementation of New Education Policy 2020

Dr. R.C. Agrawal
DDG (Agricultural Education) & ND, NAHEP, ICAR, New Delhi

10.20 - 10.40 AM **Keynote Lecture 2**

Blended Learning - New Opportunities for Higher Agricultural Education in India

Dr. Bekzod Shamsiev
Task Team Leader (TTL), NAHEP, The World Bank, Washington, USA

10.40 – 11.00 AM **Keynote Lecture 3**

Drawing from Global Experiences of Higher Agriculture Education and Innovation on Agriculture and Agribusiness Development

Mr. Werner Wutscher
Former Secretary General, Federal Ministry for Agriculture, Environment, Forestry, and Water Management, Austria

11.00 - 11.20 AM **Keynote Lecture 4**

Steering tertiary education toward resilient systems that deliver for all

Mr. Denis Nikolaev
Senior Education Specialist, World Bank

11.20 – 11.45 AM **Discussion and Co-Chair Remarks**

11.45 AM – 12.55 PM **Meet & Greet and High Tea**

1.00 – 2.30 PM **Inaugural Session – Exhibition and Conference**

2.30 – 3.30 PM Lunch

3.30 – 5.00 PM **Panel Discussion – 1: Exploring Effective Strategies of Blended Learning for Higher Education in Agriculture**

Co-Chairs	Dr. S.N. Jha DDG (Agricultural Engineering), ICAR, New Delhi Dr. P.S. Pandey Vice Chancellor, Central Agricultural University, Bihar
Convenor	Dr. Anuradha Agrawal National Coordinator, NAHEP (Component 2 and CAAST), ICAR, New Delhi
Moderator	Dr. Surinder Singh Chauhan Senior Lecturer Animal Science, School of Agriculture and Food, The University of Melbourne, Australia
Rapporteurs	Dr. Md. Ashraful Haque and Dr. Samarth Godara ICAR-IASRI, New Delhi

Panelists

1. **Dr. J.C. Katyal**
Former DDG (Agricultural Education), ICAR and Former Vice Chancellor, CCS Hisar Agricultural University, Hisar
2. **Mr. Claus Rainer Michalek**
Head of Teaching and Learning Services, University of Natural Resources and Life Sciences, Vienna, Austria
3. **Dr. Sidas Saulynas**
Lecturer, University of Maryland, Baltimore County
UMBC, Information Systems Department, Maryland, USA
4. **Dr. Basheerhamad Shadrach**
Director, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi
5. **Dr. Abdur Rab Miah**
Vice Chancellor, International University of Business Agriculture & Technology, Dhaka, Bangladesh
6. **Dr. G. Sugumar**
Vice Chancellor, Tamil-Nadu Fisheries University, Chennai
7. **Dr. Poorna Gunasekera**
Associate Dean International, Peninsula Medical School University of Plymouth, United Kingdom
8. **Dr. Garth Maker**
Associate Professor and President of the University Academic Council, Murdoch University, Australia (**Online**)

5.00 – 5.30 PM Discussion and Co-Chair Remarks

5.30 – 7.30 PM Exhibition visit and Networking meetings

7.30 PM onwards Dinner

Day 2: March 22, 2023 (Wednesday)

10.00 - 12.00 PM	Plenary Session 2 - Blended Learning Through the Lens of Emerging Technologies	
Co-Chairs	Dr. P.L. Gautam Former Vice Chancellor, GBPUAT, Pantnagar Dr. Tilak Raj Sharma DDG (Crop Science), ICAR, New Delhi	
Convenor	Dr. Hema Tripathi National Coordinator (M&E and ESS), PIU, NAHEP, ICAR, New Delhi	
Rapporteurs	Dr. Sanchita and Dr. Madhu ICAR-IASRI, New Delhi	
10.00 - 10.20 AM	Keynote Lecture 1 NAHEP - Blended Learning Platform and associated IT Initiatives	Dr. Sudeep Marwaha Principal Scientist, ICAR – IASRI, New Delhi
10.20 - 10.40 AM	Keynote Lecture 2 Flipped Classroom Model for Effective Self-Paced Learning in Veterinary education	Dr. Surinder Singh Chauhan Senior Lecturer Animal Science, School of Agriculture and Food, The University of Melbourne, Australia
10.40 – 11.00 AM	Keynote Lecture 3 Integrating Innovation and Entrepreneurship in Agricultural Education	Dr. Perry Den Brok Professor, Department of Social Sciences, Wageningen University, Netherlands (Online)
11.00 - 11.20 AM	Keynote Lecture 4 Blended Learning and Emerging Artificial Intelligence (AI) Technologies	Dr. Glen C. Shinn Professor Emeritus, Department of Agricultural Leadership, Education and Communications Texas A&M University, USA (Online)
11.20 - 11.40 AM	Keynote Lecture 5 How Virtual Reality is Changing Education and Research	Mr. Harshavardhana Kikkeri Founder and CEO, Holosuit Pte Ltd, Canada (Online)
11.40 - 12.00 PM	Discussion and Co-Chair Remarks	
12.00 – 12.30 PM	High Tea	
12.30 – 1.50 PM	Panel Discussion – 2: Making Agricultural Education Future Ready with 3 Es: Emerging Technologies, Employability and Entrepreneurship	
Co-Chairs	Dr. S.K. Chaudhuri DDG (Natural Resource Management), ICAR, New Delhi Dr. Dheer Singh Vice Chancellor & Director, ICAR-National Dairy Research Institute (NDRI), Karnal	
Convenor	Dr. P. Ramasundaram National Coordinator (IDP), PIU, NAHEP, ICAR, New Delhi	
Moderator	Mr. Guna Nand Shukla Director, PricewaterhouseCoopers (PwC), New Delhi	
Rapporteurs	Dr. Md. Ashraful Haque and Ms. Sapna Nigam ICAR-IASRI, New Delhi	

Panelists

1. **Dr. Bidyut C. Deka**
Vice Chancellor, Assam Agricultural University (AAU), Jorhat
2. **Dr. Nazir Ahmad Ganai**
Vice Chancellor, Sher-E-Kashmir University of Agriculture Science & Technology-
of Kashmir (SKUAST-K), Kashmir
3. **Prof. Atul Khosla**
Founder and Vice Chancellor, Shoolini University, Himachal Pradesh
4. **Dr. Sudha Rao (Rtd.)**
Executive Director, Karnataka knowledge commission, Bangalore
5. **Dr. Inu Rana**
Sr. Business Advisor, Western Sydney University, Australia (Online)
6. **Dr. Perry Den Brok**
Professor, Department of Social Sciences, Wageningen University, Netherlands
(Online)
7. **Dr. David Kraybill**
Professor Emeritus, Ohio State University, Washington DC, USA (Online)

1.50 – 2.00 PM Discussion and Co-Chair Remarks

2.00 – 3.00 PM Lunch

3.00 – 4.20 PM Panel Discussion – 3: Accelerating Digital Development Through Effective Capacity Building and Change Management

- Co-Chairs** **Dr. V Geethalakshmi**
Vice Chancellor, Tamil Nadu Agricultural University
- Convenor** **Dr. Alka Arora**
Head (A), Computer Application, ICAR–IASRI, New Delhi
- Moderator** **Mr. Amit Vatsyayan**
Social and Skills, Partner, Ernst & Young LLP (EY), New Delhi
- Rapporteurs** **Dr. Chandan Kumar Deb** and **Dr. Samarth Godara**
ICAR-IASRI, New Delhi

Panelists

1. **Dr. Satender Singh Arya**
CEO, Agriculture Skill Council of India, New Delhi
2. **Dr. Gopesh Tiwari**
Head of Education, International Rice Research Institute, Los Baños, Calabarzon,
Philippines
3. **Dr. Douglas L. Steele**
Vice President, Food Agriculture and Natural Resources, Association of Public
and Land-grant Universities
4. **Dr. Ch. Srinivasa Rao**
Director, ICAR-National Academy of Agricultural Research Management
(NAARM), Hyderabad
5. **Dr. Yanko Fernando Michea**
Director, Learning and Information Technologies, College of Education,
University of Washington, USA
6. **Dr. Sajid Pareeth**
Senior Lecturer, IHE Delft Institute for Water Education, Netherlands
7. **Mr. Sudhir Agrawal**
Director and Faculty - Digital Transformation, Wadhvani Foundation, New Delhi

4.20 – 4.30 PM Discussion and Co-Chair Remarks

4.30 – 5.00 PM High Tea

5.00 – 6.00 PM **Plenary Session 3 - Models and Studies on Blended Learning Ecosystem**

Chair **Dr. A.K. Singh**
Vice Chancellor, Rani Lakshmi Bai Central Agricultural University, Jhansi

Convenor **Dr Shanti Kumar Sharma**
ADG (HRM), Agricultural Education Division, ICAR

Rapporteurs **Mr. Akshay Dheeraj** and **Dr. Madhu**
ICAR-IASRI, New Delhi

5.00 - 5.20 PM **Case Study**
Change leadership for blended learning in higher education: the case of Malawi, the Warm Heart of Africa
Dr. Joshua Valeta
Director, Open, Distance and e-Learning, Ministry of Education, Malawi Government, Malawi

5.20 - 5.40 PM **Keynote Lecture 1**
Digital tools & E.N.H.A.N.C.E. Learning Model
Dr. Morris Thomas
Assistant Provost, Digital and Online Learning & Director of the Center for Excellence in Teaching, Learning, and Assessment, Howard University, Washington, USA

5.40 - 6.00 PM **Keynote Lecture 2**
Economic returns to agricultural research and development
Dr. Evgueni Poliakov
Founder, Netherlands Economic Observatory, Netherlands

6.00 - 6.10 PM **Discussion and Co-Chair Remarks**

7.00 PM onwards **Cultural Program and Dinner**

Day 3: March 23, 2023 (Thursday)

10.00 - 11.30 AM **Plenary Session 4 - Sustainable Digital Transformation in Education System**

Co-Chairs	Dr. Joykrushna Jena DDG (Fisheries Science), ICAR, New Delhi
Convenor	Dr. Shashi Dahiya Principal Scientist, ICAR – IASRI, New Delhi
Rapporteurs	Dr. Soumen Pal and Dr. Sapna Nigam ICAR-IASRI, New Delhi

10.00 - 10.20 AM	Keynote Lecture - 1 New Education Technology in Agricultural Education	Dr. Alex Twinomugisha Senior Education Technology Specialist, The World Bank, Washington, USA (Online)
10.20 - 10.40 AM	Keynote Lecture - 2 Digital Disruption for Sustainable Agriculture	Mr. Sudhir Kadam Venture Partner, and Corporate Innovation Strategist, Mountain View, California, USA
10.40 - 11.00 AM	Keynote Lecture - 3 Blended learning for higher education in the post pandemic era	Dr. Sidas Saulynas Lecturer, UMBC, Information Systems Department, Maryland, USA
11.00 - 11.20 AM	Keynote Lecture - 4 Seeking a Sustainable Digital Learning Model After the Pandemic	Dr. Yanko Fernando Michea Director, Learning and Information Technologies, College of Education, University of Washington, USA
11.20 - 11.30 AM	Discussion and Co-Chair Remarks	
11.30 – 12.00 PM	High Tea	

12.00 – 1.20 PM Panel Discussion – 4: Digital Transformation in Education Sector

Co-Chairs	Dr. Udham Singh Gautam DDG (Agricultural Extension), ICAR, New Delhi Dr Triveni Dutt Vice Chancellor & Director, ICAR-Indian Veterinary Research Institute (IVRI), Bareilly
Convenor	Dr. Anshu Bharadwaj Principal Scientist, ICAR-IASRI, New Delhi
Moderator	Mr. Vikas Aggarwal Partner, Consulting, EY LLP, New Delhi
Rapporteurs	Dr. Sanchita and Ms. Madhu ICAR-IASRI, New Delhi

Panelists

- 1. Dr. Rajender Parsad**
Director, ICAR-IASRI, New Delhi
- 2. Mr. Werner Wutscher**
Former Secretary General, Federal Ministry for Agriculture, Environment, Forestry, and Water Management, Austria
- 3. Mr. Vikas Kanungo**
Sr. Digital Development Specialist, The World Bank, New Delhi
- 4. Mr. Gaurav Gupta**
Chief Growth Officer, EkStep Foundation, Bangalore
- 5. Dr. Poorna Gunasekera**
Associate Dean International, Peninsula Medical School University of Plymouth, United Kingdom

6. Dr. Balakrishnan Prithiviraj

Associate Vice President (Global Relations), Dalhousie University, Halifax, Canada
(Online)

1.20 – 1.30 PM Discussion and Co-Chair Remarks

1.30 – 2.30 PM Lunch

2.30 – 3.40 PM Plenary Session 5 - Blended Learning Ecosystem and Community Outreach

Co-Chairs **Dr. Bhupendra Nath Tripathi**
DDG (Animal Science), Division of Animal Science, ICAR

Dr. Rajender Parsad
Director, ICAR-IASRI, New Delhi

Convenor **Dr. Ajit**
Principal Scientist, ICAR-IASRI, New Delhi

Rapporteurs **Dr. Soumen Pal** and **Dr. Chandan Kumar Deb**
ICAR-IASRI, New Delhi

Keynote Lecture - 1

2.30 – 2.50 PM Making the most of the Digital in a Blended Learning Ecosystem

Ms. Denise Whitelock
Director, Open University, United Kingdom (Online)

Keynote Lecture - 2

2.50 - 3.10 PM How Higher Education can be Connected to Community Needs in NEP 2020

Dr. Virendra Kumar Vijay
National Coordinator, Unnat Bharat Abhiyan, Ministry of Education, GOI

Keynote Lecture - 3

3.10 - 3.30 PM Indian Open Data Platform Outreach - Stakeholder Outreach on Higher Education

Dr. Alka Mishra
Deputy Director General, National Informatics Centre, MeITy, New Delhi

3.30 – 3.40 PM Discussion and Co-Chair Remarks

3.40 – 4.15 PM High Tea

4.15 – 6.00 PM	Valedictory Session
Welcome and Overview	Dr. R.C. Agrawal DDG (Agricultural Education) & ND, NAHEP, ICAR, New Delhi

Special Remarks by Guest of Honour	Dr. Auguste Tano Kouame Country Director, The World Bank, The World Bank, Washington, USA
	Dr. Shailesh Kumar Mishra Director (Extension), Ministry of Agriculture and Farmers Welfare, GOI
	Dr. Trilochan Mohapatra Former Secretary, DARE and DG, ICAR, Ministry of Agriculture and Farmers Welfare, GOI
Chairpersons Remarks	Dr. Himanshu Pathak Secretary, DARE and DG, ICAR, Ministry of Agriculture and Farmers Welfare, GOI
Delhi Declaration on Modernization of Agricultural Education System Aligning with NEP 2020	
Chief Guest Remarks	Dr. R. B. Singh Former Chancellor, Central Agricultural University (CAU), Imphal, Former Chairman ASRB, and Former President NAAS, New Delhi
Words of Thanks	Dr. Anuradha Agrawal National Coordinator, NAHEP (Component 2 and CAAST), ICAR, New Delhi