



**Sher-e-Kashmir
University of Agricultural Sciences
& Technology of Kashmir**
Main Campus, Shalimar, Srinagar-190025



August 24-25, 2023

Proceedings and Recommendations

***Sher-e-Kashmir University of Agricultural Sciences and
Technology-Kashmir, Shalimar, Srinagar J&K
and
Indian Agricultural Universities Association***



The Organizers



Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST-K)

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K) is a prestigious institution accredited by ICAR and recognized as a Grade A State Agricultural University. With multiple campuses, it holds the 4th rank among other State Agricultural Universities (SAUs) and proudly stands as the 1st SAU in the Innovation Band of 11-50 according to the NIRF Innovation Ranking-2023. Apart from the traditional mandates of teaching, research, and extension, SKUAST-K has embraced a fourth mandate of innovation and entrepreneurship. This commitment to fostering innovation and entrepreneurial spirit sets it apart from other agricultural universities. The main campus of SKUAST-K is situated in the beautiful locale of Shalimar, Srinagar. This campus serves as the hub for the university's governance and the Faculty of Horticulture. The serene surroundings and the dedicated faculty provide an ideal environment for academic growth and research in the field of agriculture and allied sectors. With its focus on innovation, entrepreneurship, and academic excellence, SKUAST-K plays a crucial role in advancing the agricultural sector in Kashmir and beyond. It nurtures young minds, equipping them with the knowledge and skills required to address the challenges of the ever-changing agricultural landscape and this contributes to the sustainable development of the region.



Indian Agricultural Universities Association (IAUA)

IAUA was established on 10 November 1967. The main objective of the association is to promote agricultural research, education and extension in the Universities and the States, and thereby enabling rural development in the country. It also acts as a bureau of information to facilitate communication, co-ordination and mutual consultation among agricultural universities. Presently, IAUA has 73 member Universities, which includes 65 State Agricultural Universities; 4 Deemed to be Universities (CIFE, Mumbai; NDRI, Karnal; IARI, New Delhi and IVRI, Izatnagar), 3 Central Agricultural Universities (CAU, Imphal; Dr RPCAU, Pusa and RLBCAU, Jhansi) and one Central University with Agriculture Faculty (BHU, Varanasi). Considering the specialization, there are 46 Agricultural, 7 Horticultural, 17 Veterinary and Animal Sciences and 3 Fisheries Science Universities in IAUA. All the SAUs and institutions (Deemed-to-be Universities and Central Agricultural Universities) in India, which provide an integrated programme of teaching, research and extension education in agricultural sciences are qualified to become regular members of the Association. The IAUA facilitates conferences, seminars, workshops, lectures and research projects in agricultural and allied programs.

12th Brainstorming Session of Vice Chancellors of Agricultural Universities

**Redefining Agricultural Education to Leadership, Entrepreneurship,
Employment and Discovery (LEED)' (24-25 AUGUST, 2023)**

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12th Brainstorming Session of Indian Agricultural Universities Association on “Redefining Agricultural Education to Leadership, Entrepreneurship, Employment and Discovery (LEED)” was held at SKUAST-Kashmir, Shalimar, Srinagar, J&K on 24th & 25th August 2023. The hall mark of the event was **release of Srinagar Declaration for sharing National Resources (Annexure-I)** through a **“Multi-Institutional Memorandum of Understanding for Instituting Post graduate Degree Programmes in Sandwich mode and other areas of common interest”**. The event coincided with the visit of 20 foreign delegates from 9 countries under aegis of ICCR. Therefore a joint session of IAUA and ICCR delegates was held during which the Srinagar declaration was released by Shri Manoj Sinha, Honble Lt.Governor of J&K in presence of President Indian Council for Cultural Relations (ICCR), Principal Secretary Agriculture Production Department, J&K; President, IAUA and Deputy Director General, Agril. Education, ICAR: Vice Chancellors from State Agricultural Universities and other Universities of J&K and various high level Government Functionaries.





The session-wise deliberations and recommendations are as under.

INAUGURAL SESSION	
Chairman	Dr. Nazir A, Ganai, Hon'ble Vice Chancellor, SKUAST-K, Srinagar
Co-Chairman	Dr Rameshwar Singh, Vice Chancellor, BASU, Patna
Rapporteurs	Dr A.H Mughal, ADR, Directorate of Research, SKUAST-K, Srinagar and Dr Shakeel Mir, Associate Professor, Soil Sciences, SKUAST-K, Srinagar

Dr Nazir A, Ganai, Vice Chancellor, SKUAST-K welcomed all the Vice Chancellors and representatives from different SAUs and emphasised that the conglomerate of leadership of Indian agricultural higher education system will lead us to the fruitful deliberations and policy frameworks focussed on our endeavour of redefining agri-education towards futuristic goals. Prof. Ganai hailed India's progress in scientific research and congratulated ISRO for successful landing of Chandrayan-3 on the moon's South Pole, yet again demonstrating India's will to be the global power in science and technology and as a great inspiration for us all to work for similar ground breaking milestones in other areas including agriculture. He emphasised that the main purpose of this brainstorming session is to move towards building a policy and action framework for realigning and redefining agricultural education with national educational policy so as to create future leaders who will propel India towards global leadership.

Professor Ganai informed the house that the event coincided with a visit of 20 delegates from different countries sponsored by Indian Council for Cultural Relations. These young delegates represent emerging global leaders and it would be high time to see that how future leadership is shaping in various parts of the world and how education is driving future leadership across the world.

Prof. Ganai hailed the country's progress in agricultural sector from a food deficient nation in 1950 to a food surplus nation reaching a record foodgrain production of 320 million tonnes driven by a strong NARS, enabling policy support and empowered farmers, with country reaching farm exports of 50 billion US\$ with a capped potential one trillion US dollars, which can help country realise the dream of becoming 3rd largest economy in the world. He outlined India's leadership in shaping Green Revolution in 1960's and also outlined the negative impacts of the process on sustainability of



ecosystem services, reinforcing the needs of policy corrections. In this context he informed the house about the lead taken by J&K in developing a holistic policy on agriculture development (HADP) that seeks to harness the comparative niche advantage, sustainable intensification, and strengthen value addition and market chains towards a broader goal of improving farm productivity, economic and nutritional security and sustainability through 29 sectoral projects worth 5300 crores.

He hailed the ICAR Education Division of ICAR for bringing SKUAST-K under the ambit of NAHEP programme, leading to substantial institutional growth with university rising to rank 9 among



Agricultural Institutions under NIRF ranking by the Ministry of Education making it 4th best SAUs, as well as only SAU to figure in the innovation ranking.

Dr N.A Ganai briefed about the positive impacts of creating enabling ecosystem for faculty and student development, education reforms and start-up framework for innovations and entrepreneurship, and hoped that similar success stories of impactful changes across SAU's and the evolved strengths could be shared amongst all the partner universities. He informed the house that one umbrella MoU **(SRINAGAR DECLARATION)** would be signed amongst all Agricultural Universities for sharing of resources that will help, student and faculty exchange.



Dr N. H. Kelawala, Secretary General, IAUA and Vice Chancellor, KU, Gandhinagar in his address extended warm welcome to all the Vice Chancellors including the newly inducted Vice Chancellors and briefly outlined the broader objectives of IAUA to serve as inter-agricultural university organization. He expressed his gratitude to Vice Chancellor, SKUAST-K for hosting the event and leading group in evolving the contours of harnessing shared strengths through a MoU among universities throughout the country for the benefit of students and faculty.

Dr Rameshwar Singh, President, IAUA and Vice Chancellor, BASU, Patna extended his welcome to delegates from various universities and appreciated the support of ICAR and deep involvement of Dr R.C. Agrawal for the cause of Agricultural Universities. He hailed the valuable contribution of ICAR and SAU's in laying foundations of a strong and resilient farm sector leading to nation's sustenance, economy and future. He described the SAU's as pillars of knowledge, innovation and transformation, playing a major role in shaping the destiny of regional agricultural landscape, stating that farm universities have emerged as the bedrock of scientific research, education and outreach services, empowering farmers and building solutions to farm sector challenges. They have been pivotal in conserving the regional niches and identities of agriculture and integrating new technologies driven by cutting edge research. SAU's contribution in tackling regional agricultural challenges such as food production, climate change and sustainability and resource conservation are the hallmark of strengths of NARS. He emphasised the in view of emerging challenges, SAU's have to be dynamic in creating competent human resource, developing appropriate solutions and be regional change makers in farm sector by tailoring the solutions to local contexts. He expressed his hope that the IAUA brainstorming session will lead us to tangible policy and action frameworks leading towards a vibrant education system that is responsive to the aspirations of all stakeholders.

Dr R.C Agarwal, DDG, Agril. Education, ICAR, New Delhi in his address emphasised the power of oneness, cooperation, and harnessing shared strengths and resources towards a strong and responsive NARS. He informed the house that that about 58 Universities have been supported in various categories under the ICAR-NAHEP. He outlined that innovative teaching and learning platforms, and greater networking are important components of futuristic education model that will help India create a globally competitive human resource for tackling future challenges. Prof. Agarwal informed the house that the contours of job market are fast changing and by 2030, 85 million jobs will be disrupted through improvements in Artificial intelligence and machine learning, as well as 97 million new roles will be created for which the SAU's need to gear up for equipping our students with appropriate skill sets to improve their employability. He emphasised that creating future ready students through better education needs appropriate policy reforms and new directions for which the IAUA brainstorming session could an appropriate forum to deliberate upon challenges faced by NARS in our transition towards NEP. He exhorted upon the participating voice chancellors to skim

through various reform initiatives with tangible impact for nationwide adoption so that changes could be up-scaled for greater impact. In this context he briefed about various enabling initiatives of SKUAST-K that has helped the university to achieve significant institutional growth and hope that deliberation will lead to many such reform directions.

Technical Sessionl:

From Idea to Impact: Fostering Entrepreneurship through Incubation, Innovation and Start-ups in Agricultural Universities

Chairperson	Dr. R.C. Agarwal, DDG, Agril. Education, ICAR, New Delhi
Co-Chairperson	Dr. Z. P. Patel, Navsari Agricultural University, Navsari
Rapporteurs	Dr. S. H. Baba, Associate Prof. Agri. Economics, SKUAST-K, Srinagar & Dr. Ashiq Pandit, Associate Professor, Fruit Science, SKUAST-K, Srinagar

Two key note lectures and panel discussion were scheduled for this part of the event. The Chairperson of the session in his opening remarks appreciated the selection of theme of the session and considers it as an important step towards creation of entrepreneurship and innovation ecosystem in the country.

Dr B. C. Deka, Vice Chancellor, AAU, Jorhat in his key note address deliberated upon, **From Idea to Market - Empowering Faculty for Entrepreneurship through Innovation and Incubation in Agriculture Universities**. In his deliberation Dr Deka raised deep concerns about the fact that ‘we are late starters’ in the creation of entrepreneurship ecosystem as there are several gaps like lack of lucrative funding, long gestation between idea to returns and many innovations are not fundable which are to be filled. Our students are still job seekers and they don’t want to take risk. He emphasized that there is a need to create ambient ecosystem by way of enhancing Creativity, Experimentation, Risk taking, Job creation and Changes in mind set.

Prof. Deka advocated three critical elements for the encouragement of startups including i) Creation of Innovation hub for the promotion of cutting-edge innovations/research, industry-academia collaboration, multidisciplinary approach to problems, opportunities to move out ideas from shelves for public good. Infrastructure deficits are to be removed that facilitates commercialization of cutting-edge idea. li) Establishment of dedicated Incubation Centers and these centers are required to be registered as a legal entity then they need separate set up for smooth functioning. These centers would create opportunities for faculty student innovation. lii) Startup support system including institutional linkages with ecosystem and stakeholders, separate start-up policy to foster competitive edge by promoting skill.

He shared his experience of ‘North-East Agriculture Technology and Entrepreneurship Hub’(NEATEH) at Assam Agricultural University. He gave an account of the four pillars for faculty student led innovation at NEATEH, AAU and shared how their Centre reach out the 2nd year students (with their psychometry test and motivation), ideation, proof of concept and funding. He further outlined the need to learn lessons from experts, creation of mentor incubator interface and inclusion of young faculty with zeal as mentors to budding start-ups. In his concluding words he tried to explore the possibilities and provision for teachers as start-ups and risk taking as critical element for business.

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Prof. N. A. Ganai, Vice Chancellor SKUAST-Kashmir delivered key note lecture on **Unlocking the Potential of Student Innovation – Strategies for Building Successful Startup Ecosystems in Agriculture Universities**. At the outset he briefed about the journey of SKUAST-K towards innovative thinking about a futuristic education model that seeks to empower faculty and students as well as create enabling ecosystem for better scholarly output.



He informed the house that SKUAST-K IDP model shared many parallel with the NEP 2020 helped SKUAST-K in implementation of the policy, establishing our readiness as a reform-ready institution with a strong will to contribute towards national goals and priorities. The focus of changing the landscape of farming in J&K towards a technology-based bio-economy through the wheels of education, research, outreach and entrepreneurship helped evolution of SKUAST-K as an institution with promise and in making the most significant progress among all SAU's. The goal of making SKUAST-K a preferred destination for creativity, leadership,

entrepreneurship and innovation has helped to shape a policy and dispensation towards an innovation led university and achieve many firsts and distinctions among SAU's in that direction, thereby improving standing at national level. He expressed his deep concern about challenges in resource management in farms resulting in sub-optimal resource use efficiency, ecosystem degradation and leading to unsustainability of Indian farming sector. He emphasized upon a need to learn from global experiences of farm sector innovations in countries like Israel and Netherlands towards more sustainable farms through resource recycling.

Prof. Ganai outlined various enabling reforms in SKUAST-K that have shown significant impact such as SKUAST-K Centre for Innovation, Incubation and Entrepreneurship, Centre for Artificial Intelligence and Machine Learning and Agricultural Start-up Park for agricultural activities. Further the initiatives of student development by redesigning a flexible curriculum {DCIDE (Design your curriculum for interdisciplinary education) to LEED (Leadership, Entrepreneurship, Employment and Discovery)} and partnership with leading institutions with proven track record for promotion of innovation led to development of innovative platforms by faculty and students including Robotic Apple Harvester, AI Driven Sheep Breeder, Hail Net, etc that have potential commercial applications. This has resulted in SKUAST-K achieving a rank in Innovation list under NIRF ranking by Ministry of Education, Government of India. Prof. Ganai briefed the house about various other reforms such as Next Gen Transcript, Start-up policy, internationalization as well as other initiatives of harnessing alumni for improving university in terms of physical infrastructure, enabling ecosystem and institutional reforms that could be replicated across SAU's.

Panel discussion

Panelists

- 1. Dr. T. Janakiram**, Vice Chancellor, Dr Y.S.R. Horticultural University, Venkataramannagudem
- 2. Dr. Baldev Raj Kamboj**, Vice Chancellor, CCS, HAU Hisar
- 3. Dr. V. Ravinder Reddy**, Vice Chancellor, PVNRTVU, Rajendranagar, Hyderabad
- 4. Dr. V. P. Chovatia**, Vice Chancellor, JAU, Junagadh
- 5. Dr. Niteen V. Patil**, Vice Chancellor, MAFSU, Nagpur



Moderator: Prof. Azmat Alam Khan, ADR, SKUAST-K & Organizing Secretary

Prof. Azmat Alam gave brief account of the panel discussion and introduced panelists to the audience. The issues that were flagged up for panel discussion included; How can innovation be included as one of the mandates of SAU's, how can we encourage startups and innovation within agriculture, how can we reorient research efforts for the creation of innovation ecosystem, and how can we link agri-startups with markets. Following recommendations emerged out of the session:

1. There is a need of a policy documents from ICAR that provides a road map for the inclusion of innovation within existing education system. It was unanimously emphasized that ICAR should frame uniform guidelines with respect to profit sharing and institutional control of Faculty and Student led start-up ventures.
2. The collaboration process with foreign universities needs to be simplified.
3. Industry relevant course is to be included within the curriculum. Research and Education has to be driven by societal/industrial demands and encourage industry support for education and research.
4. Artificial Intelligence and sensor-based interventions in agriculture be encouraged.
5. Impact assessment of Doctoral and Post-Doctoral Research should be on the basis of the product/ service/innovation development.
6. Establishment of Centre for excellence and Innovation Centers specific to the area should be a priority.
7. Existing service units (experimentation/manufacturing, etc) may be operated in PPP mode so that these become models for entrepreneurship.
8. Spending on startups in agriculture needs to be encouraged. In addition to Faculty and Students, involvement of innovative farmers in this venture was suggested.
9. Sharing of information of innovations needs to be enhanced among the AUs

The panelists reached to a common consensus of framing guidelines by ICAR and the chairperson entrusted Dr Deka, Vice Chancellor, AAU, Guwahati and Dr N. A. Ganai, Vice Chancellor, SKUAST-K to frame the necessary guidelines.

Technical Session-II:

The Future of Agriculture Education: Aligning with the National Education Policy 2020

Chairman	Dr Bijendra Singh, Vice Chancellor, ANDUAT, Ayodhya
Co-Chairman	Dr K. B. Kathiria, Vice Chancellor, AAU, Anand
Rapporteurs	Dr A. B. Shikari, Prof. & Head, Plant Breeding & Genetics, Faculty of Agriculture, SKUAST K, & Dr Zahoor Ah Dar, ADR, Dryland Agricultural Research Station, SKUAST-K, Srinagar

Keynote Speaker-I: Dr Satbir Singh Gosal, Vice Chancellor, PAU, Ludhiana

Topic: Harmonizing Tradition and Innovation: The Paradigm Shift in Agriculture Education.

Keynote Speaker-II: Dr Rameshwar Singh, President, IAUA, Vice Chancellor, BASU, Patna

Topic: Restructuring Veterinary Education for the Future, Guided by National Education Policy 2020.

Moderator: Dr Parvaze A. Sofi, Professor, GPB, Faculty of Agriculture, SKUAST-K, Wadura

Dr Parvaze A. Sofi initiated the panel discussion with regard to implementation of NEP-2020 and flagged up some key issues including the provisions of NEP as applicable to agricultural education, ways and means to mainstream NEP-2020 in curriculum, creating working models and the perceived difficulties associated with implementation of NEP-2020. Following recommendations emerged out of the session:

1. Comprehensive overhaul of curriculum through enhanced collaboration between public and private sector to diversify HRD with defined focus on enhancing employability and opportunities at UG level in view of changing market demands.
2. Implementation of NEP needs enabling implementation framework through appropriate legislation mechanism and authority.
3. Need to fully embrace potential of transformative technologies such as AI/ML/IOT/Big data should be mainstreamed in agriculture as part of curriculum.
4. Establishments of Teacher Training Centres to augment the competencies for futuristic educational pedagogies and skill development as a primary component of pushing entrepreneurship.
5. Need to regulate admissions in private colleges to uphold the standards.
6. To encompass spectrum of life skills with coverage of pedagogical 4 C's: Critical thinking, communication, collaboration and creativity.

Technical Session-III

Bridging the gap: Closing the divide in agriculture and related sectors

Chairman	Dr N.H. Kelawala, Vice Chancellor Kamdhenu University, Gandhinagar, Gujarat
Co-Chairman	Dr T. Janakiram, Vice Chancellor, Dr YSR Horticultural University, Venkataramannagudem
Rapporteurs	Dr Ashaq Hussain, Professor, Agromet, SKUAST-K, Srinagar and Dr Syed Sheraz Mahdi, Asstt. Professor, Agronomy, Faculty of Agriculture, SKUAST-K, Wadura

Keynote Speaker 1: Dr S. A. Bangroo, Asstt. Professor, Soil Science, SKUAST-K, Srinagar
Topic: Need and strategies for improving skill development for outcome-based education.

Keynote Speaker 2: Dr C.K. Timbadia Vice Chancellor, GNFOAU, Anand, Gujarat
Topic: Natural Farming Base Skills for Small Agricultural Enterprise Economy in India.

Panel Discussion

Panellists

1. Dr B. N Tripathi, Vice Chancellor, SKAUST-Jammu
2. Dr Bijendra Singh, Vice Chancellor, ANDUAT, Ayodhya
3. Dr Ramchandra Nayak, DS, UHS, Bagalkot
4. Dr S.K Swain, Dean of Research, OUAT, Bhubaneswar,

Moderator: Dr Shabir A Bangroo, Asstt. Professor, Soil Science, SKUAST-K

Dr Shabir A Bangroo initiated the panel discussion with background on the skill divide in agricultural education and the need to upskill and reskill the students. Following recommendations were made in the session:

1. There must be general guidelines from ICAR for redefining the curriculum for entrepreneurship development and other main stream course.
2. Training of youth in the technologies of Agriculture 4.0 to meet the domestic and the needs of foreign job market in agriculture.
3. Agricultural Universities must start with smart startup classes followed by smart incubation centre and increasing digitalisation keeping in view the future scenario.
4. Agricultural Universities must develop model ecosystem for skilling according to the needs of the industry.

IAUA General Session

Chairperson	Dr Rameshwar Singh, President, IAUA and Vice Chancellor, BASU, Patna
Co-Chairperson	Dr N.H. Kelawala, Vice Chancellor, Kamdhenu University, Gandhinagar, Gujarat
Convenor	Dr Dinesh Kumar, Executive Secretary, IAUA
Rapporteurs	Dr Ashaq Hussain, Professor, Agromet, SKUAST-K, Srinagar and Dr Syed Sheraz Mahdi, Asstt. Professor, Agronomy, Faculty of Agriculture, SKUAST-K, Wadura

Keynote Speaker: Dr P L Gautam Former DDG ICAR and former Vice Chancellor, GBPUA&T, Pantnagar

The Keynote Speaker, Dr P.L. Gautam made a presentation (on-line) and after brief mention of historical developments relating to agricultural universities, he highlighted the growth of NARS, its contributions to green revolution and subsequent breakthroughs, the problems confronted by the SAUs and way forward to address the same. It was emphasized that NARS has contributed significantly in transforming the country's standing from food deficit to food sufficient to food exporter. More

importantly, it helped in producing critical and credible human resources and technologies which contributed to the wellbeing of the farmers / consumers and improving economy of the country. Over 60 years of journey, the system has reasons to celebrate success story but we should address the systems' fatigue, without any complacency.

Concerns were expressed about segregation of the integrated trinity of functions (Teaching, Research and Extension) of SAUs, declining funding support from state governments, compromise of Autonomy and Governance, problems in implementing the ICAR MoUs pertaining to AICRP, NARP and KVKs projects; discrimination of project staff of the University with respect to retiral / other benefits, that is going to negate the fundamental philosophy (of SAUs) of integration of three mandated functions of teaching, research and extension, clearly stated under Agri University Acts, UGC Rule 2(vii and viii) and ICAR model Act. It is also going to undermine the immense contributions of research and extension staff of SAUs in agricultural HRD and R&D in the country. The ICAR and concerned Vice Chancellors have expressed the concerns and adverse impact of unilateral decisions/moves/tendencies of the State Govts.

In view of the above state of affairs, the following commendations are made:

1. The IAUA, in the best interest of the SAU system and the nation, may send a self-explanatory SOS note to all state Govts, SAUs and ICAR/DARE for addressing the instant and emerging matters in the light of the UGC Rules, ICAR model Act, Guidelines and MoUs. The IAUA, in association with other related organizations, may organize a brain storming session, involving different stakeholders, on 'REFORMING AGRICULTURAL UNIVERSITY EDUCATION SYSTEM OF INDIA'. The delegation of the IAUA may also meet concerned authorities in ICAR, State Govts, etc to help mitigate the crisis.
2. The problem has cropped up during or after implementation of the ICAR funded projects, viz, AICRP/NARP and KVKs. In order to resolve the matter on sustainable basis, the ICAR/DARE may consider following:
 - i. Issue clear cut fresh final instructions and guidelines to the SAUs and State Governments to adhere to the terms of MoUs in letter and spirit and also seek the compliance/adherence within a stipulated time. In case of noncompliance, the projects may be withdrawn and even the developmental grants/other support maybe kept in abeyance.
 - ii. The nominee of DG, ICAR to the Board of Management (BOM) of the University may be a very senior functionary, fully updated and empowered to get the ICAR position reflected and recorded in the BOM Minutes including dissenting note, if so required.
 - iii. The ICAR being one of the party in cases in the Courts, may clearly indicate that the AICRP/KVK/NARP project staff belongs to the University concerned and their retiral/other benefits have to be met by the University as admissible to other staff in equivalent posts. It may also be indicated that they are regular employees in long term projects/schemes and have to be adjusted/deployed by the University in the event of termination of the project. After onetime settlement of the matter, the ICAR should consider evolving new and appropriate future funding pattern for AICRP/KVK, etc. wherever manpower, in any form, is also provided.
 - iv. The ICAR may constitute a committee to revisit /review the land grant system of agricultural education to suggest viable options including, inter alia, the suggestions for addressing the present and future problems and global/national/state/local needs and priorities.
 - v. The compliance of the instructions of ICAR regarding implementation of the AICRPs/KVKs projects may be kept as a standing item in Vice Chancellors conferences and Regional Committee meetings. Interaction meetings of senior functionaries of ICAR, Universities and State Government/ Central Government. may also be very helpful in enhancing linkages, efficiency and addressing the contentious issues.
 - vi. In order to highlight the role, impact and financial gains of AICRPs and KVKs since inception, a comprehensive impact analysis may be conducted through NCAP or any other agency.

- vii. ICAR may also interact with University Grant Commission (UGC) (now Higher Education Commission of India (HECI)) and Ministry of Human Resource Development (MHRD) for introduction of new terms like, class room teachers, to avoid confusion and risk of misinterpretation.
- viii. In view of the changing context, the agricultural education, research and extension may be appended to the Concurrent List of the Constitution, leaving agriculture per se with the states. It is also necessary to define the status of the Vice Chancellors in the hierarchy.

Technical Session-IV

Maximizing the Potential of Agri-4 Technologies (AI, ML, IoT & automation) for Modernization of Agricultural farms

Chairman	Dr N.H. Kelawala, Vice Chancellor, Kamdhenu University, Gandhinagar, Gujarat
Co-Chairman	Dr V. P. Chovatia, Vice Chancellor, Junagadh Agricultural University, Junagadh, Gujarat
Rapporteurs	Dr M. Anwar Bhat, Professor Agronomy, Directorate of Education, SKUAST-K, Srinagar & Dr Junaid N Khan, Prof. & Head, Agril. Engineering, SKUAST-K, Srinagar

Keynote Lecture-1: : Dr Indra Mani Mishra, Vice Chancellor, VNMKV, Parbhani

Topic: “Revolutionizing Farming Practices in India through Innovations in Mechanization, Drones and Robotics”

Keynote Lecture-II: Dr V.R. Kiresur, Director Education, University of Agricultural Sciences, Dharwad, Karnataka.

Topic: Fostering Entrepreneurship through Incubation, Innovation and Startups in UAS, Dharwad.

Panel discussion: Maximising the potential of Agri 4.0 technologies (AI, ML, IoT and automation) for modernisation of Agriculture

Panellists.

1. Dr G. Sugumar, Vice Chancellor, TNJFU, Nagapattinam
2. Dr Sharad R Gadakh, Vice Chancellor, PDKV, Akola.
3. Dr S. K. Uppal, Dean, GADVASU, Ludhiana.
4. Dr P. Irene Vethamoni, Dean Horticulture, HC&RI, TNAU, Coimbatore.
5. Dr R. C. Jagadeesha, Vice Chancellor, KSNUAHS, Shivamogga, Karnataka.
6. Dr Rehana Habib, Dean, Faculty of Horticulture, SKUAST-Kashmir, Srinagar.

Moderator: Dr Ajaz A. Malik, Assistant Professor, Div. of Vegetable Sciences.

Dr Ajaz A Malik initiated the panel discussion on issues related to the integration of modern technologies such as AI, ML, IoT and automation in agriculture. The panellist highlighted the importance of AI, ML, IOT and Automation in fishery sector which is energy intensive. The use of modern technologies can revolutionize this sector and can increase the income of farmers by manifold. Starting of courses like B-Tech (Fishery Engineering) resulted in applications of 16 patents and commercialization of technologies at TNJFU, Tamil Nadu. By modernizing traditional methods and addressing challenges in agriculture, these technologies can contribute to increased yields, resource efficiency, and sustainability. Based on the discussion following recommendations emerged from the session:

1. The mechanization including drones and robotics has a potential to change the landscape in Indian context, mass mechanization campaign with appropriate model implementation to be pursued.
2. Advancements in agricultural sector will require collaboration between policymakers, researchers, and farmers to ensure that these technologies are accessible, affordable, and effectively integrated into India's farming landscape.
3. There is a need for research effort, vibrant industry and conducive government policies, for the growth of agriculture as a whole and mechanization in particular in the country.
4. Digital tools of mechanization and automation of operations will attract young talented youths, CEOs of startups, professional engaged in NGOs and FPOs towards agriculture which will finally lead to dream agriculture of India 2047.
5. Special incentives to be given to people associated with commercialization of technologies rather than giving emphasis on patent applications and research papers in the Universities and research institutions.
6. SoP's for Drones to be developed on crop basis and specific emphasis to be laid on use of drones in horticulture sector. The mechanization in agriculture sector has so far laid emphasis on 2-3 crops and other crops have been neglected which needs to be looked into for covering majority of crops.
7. The courses like B-Tech (Hi-Tech Horticulture) and ELP courses like IOT for smart farming to be included in the curriculum as experiences at various universities have shown large scale employability of those students in foreign countries who have specialization in Hi-Tech Agriculture education. Also, it was proposed that ICAR should start a new institute for modernization of Agriculture with people from other engineering disciplines also as part of that institute.
8. The Agricultural Universities across India should make Agriculture- 4 Technologies (Like AI, ML, IOT and automation) the centrepiece of a major, long-term initiative that is combining world class research, infrastructure and a transformational approach to curriculum. The Engineering and allied disciplines across different agricultural universities to be modernized on these lines for harvesting benefits of the technologies



PROGRAMME SCHEDULE


Day-1: 24 August, 2023		
9:30-10:30 Hrs	Inaugural Session	
	Chairman	Prof. Nazir A. Ganai, Vice Chancellor, SKUAST-K
	Co-Chair	Dr Rameshwar Singh, President, IAUA
09:30-09:40	Arrival of Chief guest and felicitation	
09:40-10:00	Welcome Address	Prof. Nazir A. Ganai, Vice Chancellor, SKUAST-K
10:00-10:10	Remarks by President, IAUA	Dr Rameshwar Singh, Vice Chancellor, BASU-Patna
10:10-10:20	Address by the Chief Guest	Dr R.C. Agarwal, DDG, Education
	Vote of Thanks	Organizing Secretary
Rapporteurs: Dr Arshad Mughal & Dr Shakeel A. Mir		
10:30-11:00 Hrs	High Tea & MoU Signing	
11:00-13:30 Hrs	Technical Session-I	
	Sub-Theme: From Idea to impact: Fostering Entrepreneurship through Incubation, Innovation and Startups in Agriculture Universities	
	Chairperson	Dr R.C. Agarwal, DDG, Education
	Co-Chairperson	Dr Z.P. Patel, Navsari Agricultural University, Navsari
11:00-11:30	Keynote Speaker-I: Dr B.C. Deka, Vice Chancellor, AAU, Jorhat	Topic: From Idea to Market-Empowering Faculty for Entrepreneurship through Innovation and Incubation in Agriculture Universities
11:30-12:00	Keynote Speaker-II: Dr N. A. Ganai Dr Naved Hamid, Innovation & Entrepreneurship Cell, SKUAST-K, Srinagar	Topic: Unlocking the Potential of Student Innovation – Strategies for Building Successful Startup Ecosystems in Agriculture Universities
12:30-13:30	Panel Discussion	Moderator: Dr Azmat Alam Khan, ADR & Organizing Secretary
Panelists:		
<ol style="list-style-type: none"> 1. Dr T. Janakiram, VC, Dr Y.S.R. Horticultural University 2. Dr Baldev Raj Kamboj, VC, CCSHAU, Hisar 3. Dr V. Ravinder Reddy, VC, PVNRTVU, Rajendranagar 4. Dr V.P. Chovatia, VC, JAU, Junagadh 5. Dr Niteen V. Patil, VC, MAFSU, Nagpur 		
Rapporteurs: Dr Ashiq Pandith & Dr Sajad Ah. Baba		
13:30-14:30 Hrs	Lunch Break and Visit to Exhibition	Venue: Bio-diversity Park
14:45-17:30 Hrs	Joint Session of IAUA & ICCR	Venue: Nund Reshi Hall
Interaction with International Delegates from ICCR		
Release of Srinagar Declaration of IAUA		
Chief Guest:		Hon'ble Lt. Governor J&K, Shri Manoj Sinha
17:30-18:30	Evening Tea at Biodiversity Park	

18:30-20:00	Cultural Evening at Nund Reshi Hall	
Day-2: 25 August, 2023		
9:30-11:00 Hrs	Technical Session-II	
	Sub-Theme: The Future of Agriculture Education: Aligning with the National Education Policy 2020	
	Chairperson	Dr Bijendra Singh, VC, ANDUAT, Ayodhya
	Co-Chairperson	Dr K.B. Kathiria, Vice Chancellor, AAU, Anand, Gujarat
09:30-09:50	Keynote Speaker-I: Dr Satbir Singh Gosal, Vice Chancellor, PAU-Ludhiana	Topic: Harmonizing Tradition and Innovation: The Paradigm Shift in Agriculture Education
09:50-10:10	Keynote Speaker-II: Dr Rameshwar Singh President, IAUA, Vice Chancellor, BASU	Topic: Restructuring Veterinary Education for the Future, Guided by National Education Policy 2020
10:10-11:00	Panel Discussion	Moderator: Dr Pravaiz A. Sofi, Prof. PBG, FoA, Wadura
		Panelists: <div><div>1.</div>Dr Narendra Pratap Singh, VC, BUAT, Banda</div> <div><div>2.</div>Dr R. Sarada Jayalakshmi Devi, VC, ANGRAU, Guntur</div> <div><div>3.</div>Dr K.S. Risam, Former VC, SKUAST, Jammu</div> <div><div>4.</div>Dr S.S. Dhaka, Registrar, LUVAS, Hisar</div> <div><div>5.</div>Dr P.K. Singh, Director Research, BAU, Ranchi</div>
	Rapporteurs: Dr Zahoor A. Dar & Dr Asif Shikari	
11:00-11:15 Hrs	Tea Break	
11:15-13:00	Technical Session-III	
	Sub Theme: Bridging the Gap: Closing the Skill Divide in Agriculture and Related Sectors	
	Chairperson	Dr N.H. Kelawala, VC, Kamdhenu University, Gandhinagar
	Co-Chairperson	Dr T. Janakiram, VC, Dr Y.S.R. Horticultural University
11:15-11:45	Keynote Speaker-I: Dr. Nazir Ah Ganai, Vice Chancellor, SKUAST Kashmir	Topic: Need and Strategies for Improving Skill Development for Outcome based Education
11:45-12:15	Keynote Speaker-II: Dr C.K. Timbadia, Vice Chancellor, GNFOAU, Anand	Topic: Natural farming-based skills for small agricultural enterprise economy in India
12:15-13:00	Panel Discussion	Moderator: Dr Shabir A. Bangroo, Asstt Prof. Soil Sciences, SKUAST-K
		Panelists: <div><div>1.</div>Dr B.N. Tripathi, VC, SKUAST-Jammu</div> <div><div>2.</div>Dr Bijendra Singh, VC, ANDUAT, Ayodhya</div> <div><div>3.</div>Dr V.B. Patel, ADG, Horticulture ICAR</div> <div><div>4.</div>Dr K. Ramachandra Naik, DSW, UHS, Bagalkot</div> <div><div>5.</div>Dr S.K. Swain, Dean of Research, OUAT, Bhubaneswar, Odissa</div> <div><div>6.</div>Dr M.A.A. Siddique, Director Education, SKUAST, Kashmir</div>

13:00-13:30	IAUA General Session: Chairperson:	Dr Rameshwar Singh, Vice Chancellor, BASU-Patna
	Co-Chairperson	Dr. N. H. Kelawala, VC, Kamdhenu University, Gandhinagar
	Co-Chairperson	Dr M.S. Chauhan, VC, GBPUAT, Pantnagar
	Key Note Address-1	Dr P.L. Gautam, Former Vice Chancellor, GBPUAT, Pantnagar
	Discussion	All Vice Chancellors
	Convener	Dr. Dinesh Kumar, Executive Secretary, IAUA
	Rapporteurs: Dr Ashaq Hussain & Dr. Syed Sheraz Mahdi	
13:30-14:30 Hrs	Lunch	
	Technical Session-IV	
	Sub Theme: Maximizing the Potential of Agri4 Technologies (AI, ML, IoT, & Automation): For Modernization of Agriculture Farms	
	Chairperson	Dr B.N. Tripathi, VC, SKUAST-Jammu
	Co-Chairperson	Dr V.P. Chovatia, VC, JAU, Junagadh
14:30-14:50	Keynote Speaker-I: Dr I.M. Mishra, Vice Chancellor, VNMKV, Parbhani	Topic: Revolutionizing Farming Practices in India through Innovations in Mechanization, Drones, and Robotics
14:50-15:10	Keynote Speaker-II: Dr V.R. Kiresur University of Agricultural Sciences, Dharwad	Topic: Fostering Entrepreneurship through Incubation, Innovation and Startups in UAS, Dharwad
15:10-15:40	Panel Discussion	Moderator: Dr Ajaz A. Malik
		Panelists: <ol style="list-style-type: none"> 1. Dr R.C. Jagadeesha, VC, UAHS, Shivamogga 2. Dr G. Sugumar, VC, TNJFU, Tamil Nadu 3. Dr Sharad R. Gadakh, VC, Dr PDKV, Akola 4. Dr S.K. Uppal, Dean, GADVASU, Ludhiana 5. Dr P. Irene Vethamoni, Dean Horticulture, HC&RI, TNAU
	Rapporteurs: Dr M. Anwar and Dr Junaid Khan	
15:40-16:10	Tea Break	
16:10-17:30	Plenary Session	Presentation of Recommendation of Technical Sessions
	Co-Chairperson	Prof. Nazir A. Ganai, Vice Chancellor, SKUAST-K
	Co-Chairperson	Dr Rameshwar Singh, President, IAUA
	Recommendations	Session-1: Session-2: Session-3: Session-4
	Remarks	Co-Chairs
	Vote of Thanks	Dr Dinesh Kumar, Executive Secretary, IAUA




Participants for the 12th Brainstorming Session

S. No	Name	Designation	E-mail	Contact	Photo
1	Prof. Nazir A Ganai	Vice Chancellor SKUAST-Kashmir, Shalimar	vcskuastkashmir.ac.in	0194-2461258	
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8	Dr Sharad R Gadakh	Vice Chancellor, Dr Panjabrao Deshmukh Krishi Vidyapeeth Akola	vc@pdkv.ac.in	0724-2258365	
9	Dr C.K. Timbadia	Vice Chancellor, Gujarat Natural Farming and Organic Agricultural University, ATIC Building, Borsad Chokdi, Anand Camp, Anand, (Gujarat)	vc.goau@gmail.com	+91 9725006012	
10	Dr V.P. Chovatia	Vice Chancellor, Junagadh Agricultural University Junagadh, Gujarat	vc@jau.in	+91-285-2671784	
11	Dr R.C. Jagadeesha	Vice Chancellor, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga Karnataka	vc@uahs.edu.in	M: +91 9480838999	

S. No	Name	Designation	E-mail	Contact	Photo
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13	Dr Satbir Singh Gosal	Vice Chancellor Vice Chancellor Punjab Agricultural University Ludhiana – 141004 (Punjab)	vc@pau.edu	91-161-2401794	
14	Dr B.N. Tripathi	Vice Chancellor SKUAST-Jammu (Jammu & Kashmir)	vc@skuast.org	0191-2263714,	
15	Dr. V. R Kiresur	Director Education University of Agricultural Sciences Dharwad, (Karnataka)	doe@uasd.in	0836-2214256	
16	Prof. I. M. Mishra	Vice Chancellor, Vasantrao Naik Marathwada Krishi Vidyapeeth Parbhani, (Maharashtra)	reg_mau@rediff-mail.com	02452-223801	

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18	Dr B Srinivasulu Dr Y.S.R. Horticultural University Venkataramannagudem – 534101 (Andhra Pradesh)	Registrar	de@drysru.edu.in	7382633638	
19	Dr Rameshwar Singh	Vice Chancellor, Bihar Animal Sciences University, Patna, Bihar	vc-basu-bih@gov.in	0612-2222221	
20	Dr S.K Uppal	Dean, PGs, Guru Angad Dev Veterinary and Animal Sciences University Ludhiana –(Punjab)	deanpg@gadvasu.in	M: +91 9876221066	
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S. No	Name	Designation	E-mail	Contact	Photo
22	Dr Vangur Ravinder Reddy	Vice Chancellor, P.V Narasimha Rao Telegana Veterinary University Rajendernagar, (Hyder- abad)	vctsvu@ gmail.com	040- 24002114,	
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24	Dr. K Ramachandra Naik	DSW, University of Horti- culture Science Bagalkot	dsw@uhs- bagalkot.edu.in	08354- 230226	
25	Prof. Akali Sema	Pro-Vice chancellor, Nagaland University (School of Agricultural Science) Lumami, zun- heboto, Nagaland	akali@nagaland- university.ac.in	+91 9436262348	
26	Dr S S Dhaka	Registrar, LUVAS, Hisar	registrar@luvas. edu.in	9467156560	
27	Dr Karnail Singh Risam	Former VC, SKUAST-Jam- mu, J&K	-	0191- 2262133	
28	Dr P.K Singh	Director Research, BAU, Ranchi	pksinghbau@ yahoo.co.in	+91 8986721058	

S. No	Name	Designation	E-mail	Contact	Photo
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30	Dr. V. Rajashree	Prof. & Head, Horti., TNAU, Comnatore	-	-	
31	Dr. G Sugumar	Vice Chancellor. TNJFU, Tamil Nadu	sugumar@tnjfu. ac.in	vc@tnfu. ac.in	
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34	Dr. Syed Sheraz Mahdi	Sr. Asstt Professor, Agronomy, SKUAST-K, J&K	<u>syedapbau@ skuastkashmir. ac.in</u>	+91 7889649984	
35	Dr. S. A Bangroo	Sr. Asstt Professor, Soil Science, SKUAST-K, J&K	shabir@skuast- kashmir.ac.in	+91 9906829798	







SRINAGAR DECLARATION-2023



***MULTI-INSTITUTIONAL
MEMORANDUM OF UNDERSTANDING***

For

***Instituting Post-graduate Degree Programmes in
Sandwich mode and other areas of common interest***

to

Share National Resources

Signed on

24th day of the August, 2023

during

IAUA's 12th Brainstorming Session

***on "Redefining Agricultural Education to Leadership, Entrepreneurship,
Employment and Discovery (LEED)"***



MULTI-INSTITUTIONAL MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into
on the 24th day of August 2023

By and Between

State Agricultural Universities, Deemed Universities, Central Agricultural Universities, ICAR Institutes, Industry Partners and other R&D Institutions

TO

- Institute Post-graduate degree programme in sandwich mode.
- Foster Academic and Research Co-operation
- Foster inter-institutional networking and sharing of national resources.
- Strengthen other areas of common interest viz Joint Research Programmes, Conferences, Seminars, Workshops and Faculty Exchange Programme

The scope of MoU shall be extended to include Dual degree Programmes in future

Exchange of Students for Sandwich Post-graduate degree Programmes

- Partner Universities/Institutions jointly agree to initiate Sandwich Postgraduate degree programmes where candidates shall complete part of their degree programmes in one University/Institution and part in another.
- The University where students are primarily registered shall be known as the parent University and the other University/Institution shall be known as partner University/Institution.
- The Post graduate Student admitted to any of the two Universities/Institutions shall have to undergo a residency period of Six months during Masters Programme and one year during PhD programme in the partner University/Institution.
- Residency period at the Partner University/Institution shall include Course Work/ Research Work or both.
- The examination and evaluation of the part of course work completed at partner University/Institution shall be carried out by the partner Institute/University and standing/result conveyed to Parent University/Institution.

- Student's programme of Study/Research shall be drawn by Student advisory Committee constituted at the Parent University/Institution with member(s) from partner University/Institution. Chairman & Dean PG nominee shall be necessarily from Parent University/Institution.
- Partner University/Institution shall extend academic, research, library, hostel and Student Welfare Facility to Students undergoing Sandwich degree programmes.
- Student registered at any of the two universities/Institutions shall pay prescribe fee to the partner University/Institution for the period of his/her residency at partner university/Institution.
- Students of co-operating Universities/Institutions undergoing residency period of the Sandwich programme at each other's University/institution shall be governed by the disciplinary rules of the university/institution where they are undergoing residency period and any loss/damage caused due to the negligence of the student shall have to be made good by the student in addition to payment of fine(s) imposed for negligent conduct.
- Students of co-operating Universities/Institutions undergoing residency period of the Sandwich programme at each other's institution shall keep themselves away from student demonstrations, protests, dharnas if any organized by the registered students of Institution/University.

Other Areas of Co-operation: Joint Research Programmes

- Partner Universities/Institutions shall undertake joint research work in the areas of mutual interest. Corresponding faculty members of Partner Universities/Institutions shall formulate research projects and HRD plans for joint work with due approval of statutory bodies of both the participating Universities/Institutions.
- Joint sponsored and consultancy projects could be undertaken, with both long term and short term goals, keeping in view the interest and philosophies of the respective Universities/Institutions.

Exchange of Faculty/Staff

All partnering Universities/Institutions jointly agree:

- To exchange faculty/staff through deputation on full time/part time basis for a limited period and upto six (06) months at a time for the purpose of implementation of joint tasks within the areas identified for cooperation. Faculty/Staff members on such deputation shall be deemed to be on duty with the parent organization for the said period.
- That the technical personnel deputed for training shall be deemed to be on duty with the parent organization for the period of training. The TA/DA will be borne by the parent Universities/Institutions.
- That the faculty/staff will be encouraged to deliver lectures/invited talks at each other's University/Institutions. The TA/DA and the honorarium for the lectures shall be borne by the host University/Institution.
- These deputations, visits and training etc. should be performed with the prior approval of Competent Authority.

Joint Conferences/ Workshops/Courses:

All partnering Universities/Institutions jointly agree:

- To hold/conduct, whenever feasible, joint workshops, conferences, training courses within the areas of co-operation.
- That the host University/Institution shall provide accommodation to the participating members from the visiting Institutes wherever feasible at special minimum rates applicable to the scientists and students of the host University/Institution.

Sharing of Facilities:

All partnering Universities/Institutes agree:

- To share their respective important R&D facilities in order to promote academic and research interactions in the areas of co-operation to intensify the high priority area programmes of science and technology.
- To exchange software, other material and components developed in house in the areas of co-operation, if advisable within the framed rules governing the two Universities/Institutes.
- That accommodation facility shall be provided to the faculty and research students by both the Universities/Institutions as per the respective rules and regulations of the Universities/ Institutions.

Co-ordination committee:

A coordination committee comprising:

- Director Education/Dean Academics/ Joint Director Academics as the case may be
- Dean Research/Director Research/ Joint Director Research/Research Coordinator as the case may be

of partnering Institutions shall be constituted to oversee the implementation of the Memorandum of Understanding and arbitrate in case of any differences arising during the implementation of this MoU.

IPRs and Publications

- All publications arising as a part of research work carried out in the Sandwich mode or joint research programmes between Faculty shall be co-authored by the concerned faculty/staff/research fellow of partnering Universities/Institutions
- Co-operating Universities/Institutions will be joint holders of the Intellectual Property Right (IPR) / patents flowing out of Research Work carried out under Sandwich Programme or Joint Research and revenue generated from commercialization of such technologies shall be shared by the co-operating Universities/Institutions at mutually agreeable terms.


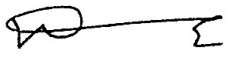
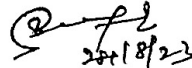
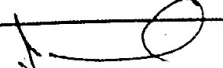
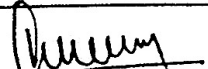


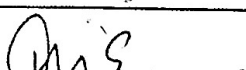
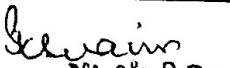
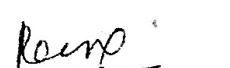
Validity & Period

- The MoU shall be effective for the date of the signing by co-operating parties and shall remain in operation initially for the period of ten years.
- Any party has right to dissociate from the MoU with valid reasons.
- However, dissociation of one or more parties shall have no effect on the MoU between parties who wish to continue with the MoU.

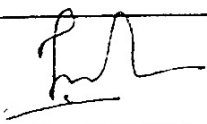



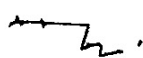
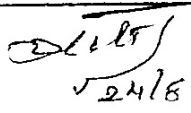
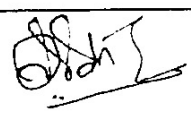
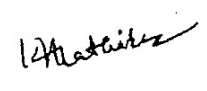
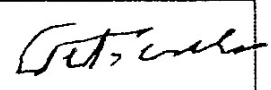
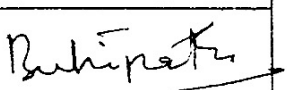
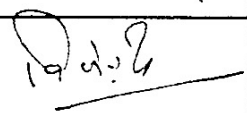
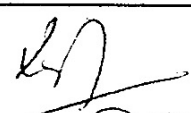
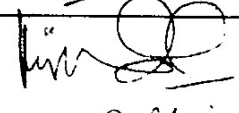


In witness where-of the undersigned, duly authorized, have signed this Memorandum of Understanding at Srinagar on the 24th day of August 2023 during IAU's 12th Brainstorming Session on "Redefining Agricultural Education to Leadership, Entrepreneurship, Employment and Discovery (LEED)" in presence of

Director General ICAR

Hon'ble Lt. Governor Jammu & Kashmir

S No	Name of the University	Name and designation of the Signatory	Signature
1.	SKUAST-Kashmir	Dr. NAZIR GANA Vice-Chancellor	
2.	Kamdhenu University, Gandhinagar, Gujarat	Dr. N.H. Kelawala Vice Chancellor	 24/8/23
3.	Tamil Nadu Dr. J.J. Fisheries University Nagapattinam	Dr. G. SUGUMAR VICE-CHANCELLOR	 24/8/23
4.	VNMKV, Parbhani Maharashtra	Dr. Indra Mani Vice-Chancellor	 24.8.2023
5	Dr. P.D.K.V., Akola Maharashtra	Dr. R. Gadakh Vice Chancellor	 24.8.2023
6.	Prof. B.R. Kamboj CCS HAU Hisar	Prof. B.R. Kamboj VICE Chancellor	 24/8/23
7.	Prof. A.K. Sema SAS, NARAILAND UNIVERSITY	Prof. A.K. Sema Pro VICE CHANCELLOR	 24/8/23
8.	Birsa Agri. Univ. Ranchi, Jharkhand	Dr. P.K. Sini Director Research.	 24/8/2023
9.	Odisha University of Agriculture & Technology Bhubaneswar, Odisha	Prof. S.K. Saini Dean of Research	 24.08.23
10	Dr. K.S.N. Wasth Shirangpur.	Dr. C. K. Jagadees Vice-Chancellor	 24/8/23

Note: The Universities/Institutions who are not present at IAU's 12th Brainstorming Session on "Redefining Agricultural Education to Leadership, Entrepreneurship, Employment and Discovery (LEED)" shall join the MoU by signing the note of

S No	Name of the University	Name and designation of the Signatory	Signature
11.	Marharashtra Animal & Fishery Sciences Univ CMAFSU, NAGPUR.	DR NITIN V. PAUL Vice Chancellor	
12	DR. R. SARADA JAYALAKSHMI ACHARYA N.G. RAO AGRICULTURAL UNIVERSITY, GUNTUR	R. SARADA JAYA VICE CHANCELLOR	
13	Dr. V. Ravinder Reddy PVRRTVU, Tiruvengadam, Hyderabad	Dr. V. RAVINDER REDDY Vice Chancellor	
14	Dr. Dipak Assam Agric. Univ.	Bidyut C. Deka VC	
	Banda Univ. of Agr. & Tech. Banda (UP)	Dr. N.P. SINGH VC	
16	Tirunagardh Agricultural University	Dr. V.P. Chavatia Vice-Chancellor	
17	Narasaraopet Agricultural University	Dr. Z.P. Patel Vice Chancellor	
18	Amend Agri University Gujarat	Dr. K.B. Kulkarni Vice Chancellor	
19	DR. C.H. Tumbekar Gyandhar, Maharashtra, Karnataka	DR. C.H. Tumbekar	
20.	SKUAST, JAMMU	Dr. B.N. Tripathi Vice-Chancellor	
21	ANDUAT, Agartala	Dr. Bijendra Singh V.C.	
22	Rameshwar Singh	VC, RAS4, Patna	
23	ICAR	Dr V. B. Patel ADG (ECPC) Hort. Sci. ICAR, New Delhi	
24	University of Horticulture Sciences, Bagalkot, Karnataka	Dr. K.R. Naik Dean - Students Welfare & Rep. of V.C, UASB, K.	
25	Tamil Nadu Agricultural University, Coimbatore	V. Ramesh Professor and Head Horti. INAU	

Note: The Universities/Institutions who are not present at IAU's 12th Brainstorming Session on "Redefining Agricultural Education to Leadership, Entrepreneurship, Employment and Discovery (LEED)" shall join the MoU by signing the note of agreement as per the format annexed herewith (Annex-1)

S No	Name of the University	Name and designation of the Signatory	Signature
26	Tamil Nadu Agril. University, TRAU Coimbatore	Faculty Dean (Hort) Hort. college area. Ind. TRAU, Coimbatore	P. S. Kumar 24/8/23
27	Lala Lajpat Rai Univ. of Vety. and Animal Sciences, Hisar	Dr S.S. Dhaka Registrar	S. S. Dhaka
28	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	Dr S.K. Upadhyay Dean, Postgraduate Studies	S. K. Upadhyay 24.08.23
29	Acharya N R Range Agricultural University	Dr A. Mani Dean of AE & T	A. Mani
30	Acharya N R Range Agricultural University	Registrar & Dean PG Studies	A. Mani
31	Acharya N. R. Range Agril. University	Dr. M. S. Chaitanya Kumar, AD, CCS	M. S. Chaitanya Kumar

Note: The Universities/Institutions who are not present at IAUA's 12th Brainstorming Session on "Redefining Agricultural Education to Leadership, Entrepreneurship, Employment and Discovery (LEED)" shall join the MoU by signing the note of agreement as per the format annexed herewith (Annex-1)

Annexure-1

Note of Agreement

We the _____ Name of University _____ agree to be the part of the Multi-Institutional Memorandum of Understanding signed by the State Agricultural Universities, Deemed Universities, Central Agricultural Universities, ICAR Institutes, Industry Partners and other R&D Institutions at IAUA's 12th Brainstorming Session on "Redefining Agricultural Education to Leadership, Entrepreneurship, Employment and Discovery (LEED)" organised at SKUAST-K from 24-25th August 2023 today on _____ for Instituting Post-graduate Degrees in Sandwich mode and other areas of common interest

Signature of Head of the Institution

Our Rankings



4th BEST

State Agricultural University in India

by National Institutional Ranking Framework-2023

nirf-Innovation

1st SAU

In Innovation Band of 11-50

by NIRF Innovation Ranking-2023

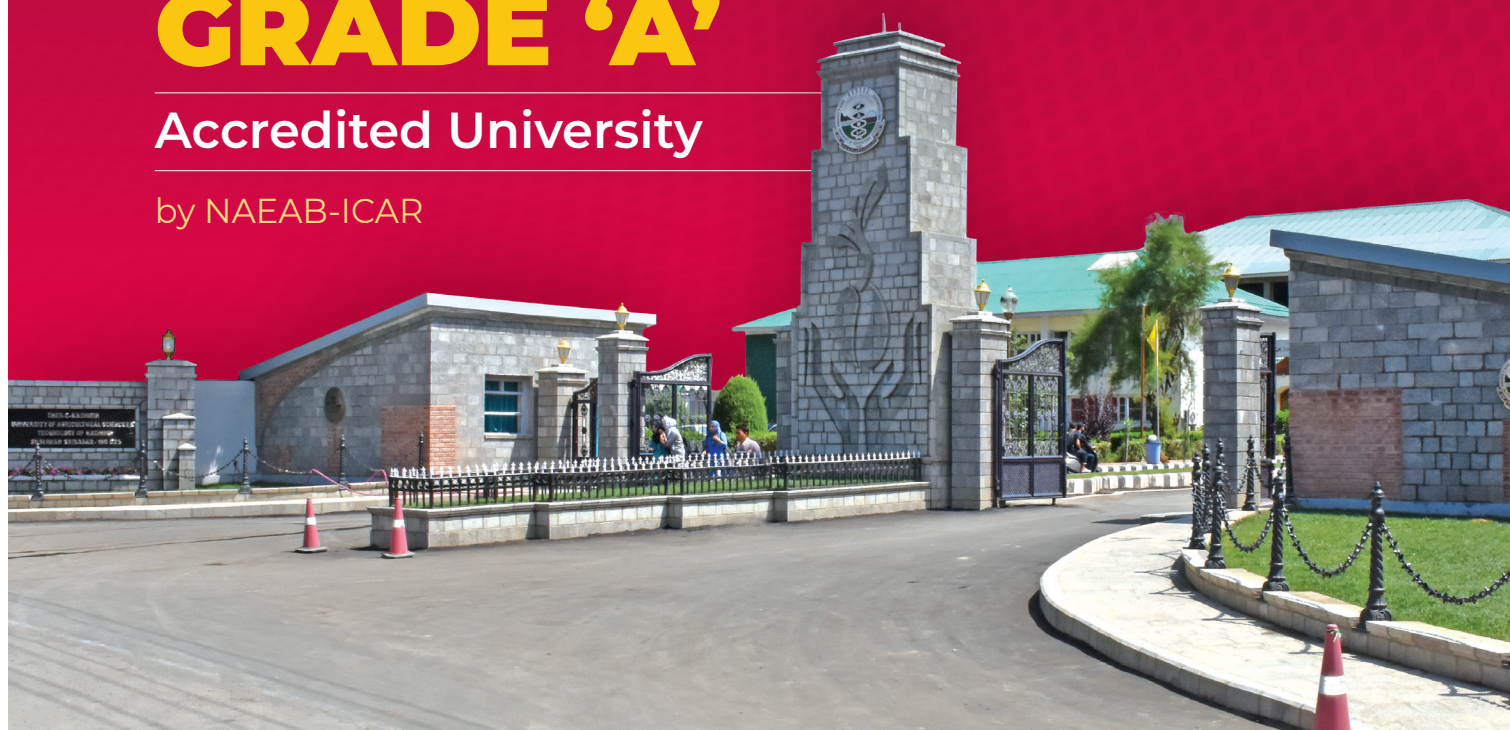


Accreditation

GRADE 'A'

Accredited University

by NAEAB-ICAR



Organizing Committee

Chief Patron

Dr. Rameshwar Singh

President, IAUA, Vice-Chancellor
Bihar Animal Sciences University

Patron

Prof. Nazir Ahmad Ganai

Vice Chancellor
SKUAST-K

Conveners

Prof. M. A. A. Siddique

Director Education, and Dean
Student's Welfare, SKUAST-K

Prof. D.M. Makhdoomi

Director Extension,
SKUAST-K

Prof. Haroon R. Naik

Director, Planning & Monitoring,
SKUAST-K

Prof. T.H. Masoodi

Director Research and Registrar,
SKUAST-K

Dr. Dinesh Kumar

Executive Secretary, IAUA
NASC, New Delhi

Organizing Secretary

Dr. Azmat Alam Khan

Associate Director Research/OSD to VC, SKUAST-K
Email: azmatalamkhan@gmail.com | Mobile: +91 9796936363

Co-Organizing Secretaries

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