

# IAUA 13<sup>th</sup> National Symposium on Ranking of Agricultural Universities in India

Sept. 19-20, 2019

Organized by



**Chaudhary Charan Singh  
Haryana Agricultural University, Hisar**



In Collaboration With



**Indian Agricultural Universities Association (IAUA)**



# PROCEEDINGS

## IAUA XIII National Symposium on Ranking of Agricultural Universities in India

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## ABOUT THE CONFERENCE

Indian Council of Agricultural Research (ICAR) has started ranking of Agricultural Universities of the country since 2016. Several parameters used for ranking universities/institutions like resources, research, academic and stakeholder perception etc. did not cover many aspects of the agricultural universities like contribution of Krishi Vigyan Kendras (KVKs), seed production and technologies intervention by agricultural universities, etc. The purpose of ranking is to ensure excellence in higher educational institutions, greater efficiency and accountability. Thereby, there is a need to outline a methodology to rank agricultural institutions/universities across the country.



In order to share experience by the thought leaders across the country, XIII National Symposium-2019 (Vice-Chancellor Conference) on Ranking of Agricultural Universities in India was organized by Chaudhary Charan Singh Haryana Agricultural University, Hisar in collaboration with Indian Agricultural Universities Association from September 19-20, 2019. Twenty two Vice-Chancellors and twelve representatives of the Vice-Chancellor attended the symposium and expressed their opinions regarding the ranking criteria. The four main themes of the symposium were-Ranking Criteria for Global Integration and Regional Priorities, University Outreach Programmes, AGREE (Agricultural Research, Education & Extension)-A Driving Force for KPI (Key Performance Indicators) and Institutional Perceptions.

From the comprehensive forethought and discussions, it emerged that we must come up with the innovative ways to take the ambition of our country in higher education forward in agriculture and allied fields. Also, some constructive suggestions and imaginative outcomes from the symposium for sustainable development of agricultural community were proposed. Deliberations upon the existing indicators and modifications according to national and global ranking criteria took place. High level committee has been constituted to outline a detailed response of agricultural universities for submission to the MHRD on the issues of national education policy and ranking of Agricultural Universities. Purposeful thinking and progressive deliberations over the two days symposium were productive with concrete actions to build a knowledge and science driven uniform ranking criteria for agricultural universities in India.

**Col. (Dr.) A. R. Pathak**

President, IAUA & Vice-Chancellor  
JAU, Junagadh, Gujarat







## REFLECTIVE INSIGHT

The ever-changing scope and rapid development of agricultural research, creates new problems and questions, resulting in the real needs for sharing brilliant ideas and stimulating good awareness of this important research field which will ultimately place an institution ahead of others. Chaudhary Charan Singh Haryana Agricultural University, Hisar is striving hard for the welfare of rural people, farmers, women of the village and other stakeholders. It has recently started an Agri-Business Incubation Centre, Deen Dayal Upadhyay Centre of Excellence for Organic Farming, Centre of Nano-technology. It is among the top 100 institutes ranking of the NIRF and fourth position in ICAR ranking of Universities/Institutes. It has won several awards i.e. *Haryana Kisan Ratna Puraskar*, Sardar Patel Outstanding ICAR Institution Award in 1997 & 2016, Best KVK Award to KVK Kurukshetra, *Krishi Shiksha Samman* etc.



Chaudhary Charan Singh Haryana Agricultural University, Hisar is celebrating its Golden Jubilee Year 2019-2020 and on this occasion, the University in association with the Indian Agricultural Universities Association organized XIII National Symposium of IAUA on 'Ranking of Agricultural Universities in India' from September 19-20, 2019. During the symposium, deliberations took place on Ranking Criteria for Global Integration and Regional Priorities, Agricultural Research, Education & Extension-A Driving Force for KPI (Key Performance Indicators), University Outreach Programs and Institutional Perceptions.

This symposium gave deep insight into the criteria for Ranking of Agricultural Universities in India. It gave a platform for discussing the issues, challenges, opportunities and findings related to the ranking criteria of Agricultural Universities in India. The universities being creators of ocean of knowledge needs to attract good quality students to convert agricultural universities into global institutions. The perception of the universities can also be improved by the development of outreach programmes through online courses. The teachers by dint of their wisdom conviction and conduct can inspire confidence in students. Just as there are peaks in mountain ranges, we need much knowledge peaks in India as India is to be counted as a world knowledge power.

The symposium provided a platform to all the institutions of higher learning for in-depth discussion and network of people were built who can raise their caliber of work to greater heights and achieve shared objectives.

**Prof. K. P. Singh**  
Vice-Chancellor  
CCSHAU, Hisar





## PREFACE

Indian Agricultural Universities Association, (IAUA) was established on Nov 10, 1967 and completed its 50 years of meaningful existence in 2017. The main objective of the Association is to promote agricultural research, education and extension in the Agricultural Universities (AUs) and the States, and thereby speed up rural development in the country. The Association also acts as a bureau of information to facilitate communication, co-ordination and mutual consultation among agricultural universities. It also acts as a liaison between member universities and government departments to facilitate communication and expedite the needed action in matters of importance. It has expanded and maintained its linkages with international sister Association and other International organizations in India and abroad, thus facilitating active global exchange of views and knowledge in the field of agricultural research, extension and education.



With this background, Chaudhary Charan Singh Haryana Agricultural University, Hisar in collaboration with Indian Agricultural Universities Association organised XIII National Symposium on Ranking of Agricultural Universities in India from September 19-20, 2019 adopting timely theme for sustainable agricultural development and expansion of natural farming system. In the age of Globalization every institute strives to get ahead of others and the road to become world-class institution is through the trinity of talent, resources & management.

The symposium strongly believed that our institutions must brim with meritorious students and topnotch faculty. Our universities must be magnets for talent and various funding and counseling models have to be developed depending upon specific requirement in the field of agriculture. In India, we have no dearth of talent. We have to prepare our youth, who are buzzing with innovative ideas, to turn into entrepreneurs. Universities have started thinking in this direction and have launched, Earn while you learn and experiential learning projects in the field of agriculture. The universities must come up with the innovative ways to take the ambition of our country in higher education forward in agriculture and allied fields

**Dr. R. P. Singh**  
Executive Secretary  
IAUA, New Delhi





# Ranking of Agricultural Universities in India



## Introduction

The National Institutional Ranking Framework (NIRF) is a methodology adopted by the Ministry of Human Resource Development (MHRD), Government of India, to rank institutions of higher education in India. The Framework was approved by the MHRD and launched by Minister of Human Resource Development on 29<sup>th</sup> September, 2015. There are separate rankings for different types of institutions depending on their areas of operations like universities and colleges, engineering institutions, management institutions, pharmacy institutions and architecture institutions. The Framework uses several parameters for ranking purposes like resources, research, and stakeholder perception. These parameters have been grouped into five clusters and these clusters have been assigned certain weightages. The parameters broadly cover “Teaching, Learning and Resources”; “Research and Professional Practices”; “Graduation Outcomes”; “Outreach and Inclusivity” and “Perception”. However, the parameters do not cover many aspects of the agricultural universities like contribution of Krishi Vigyan Kendras (KVKs), seed production and technological interventions by agricultural universities etc. Indian Council of Agricultural Research (ICAR) has started ranking of agricultural universities of the country since 2016. The parameters broadly cover resources and individual performance. NIRF asks for three years data (excluding the award year) whereas ICAR ranking asks for one year data. Thus, there is a need to outline a methodology to rank agricultural institutions across the country. The symposium was organised to establish a synergy between NIRF and ICAR ranking; and also to recognise contribution of agricultural universities in much broader perspective with a possibility of having an independent category under NIRF to avoid multiple ranking procedures.

## Organization of the Conference

With the above backdrop, Chaudhary Charan Singh Haryana Agricultural University, Hisar in collaboration with Indian Agricultural Universities Association organised XIII National Symposium on Ranking of Agricultural Universities in India from September 19-20, 2019 with following ten sub-themes:

1. Balancing ranking criteria for global integration and regional priorities
2. University outreach programmes (Collaboration of any type)
3. AGREE (Agricultural Research, Education & Extension) – A driving force for KPI (Key performance indicators)
4. Institutional Perception
5. Performance standards for stakeholders' engagement and motivation
6. Strategic role of agricultural universities in rural development
7. Financial status/ outcomes/ Implications–Value added Indicators
8. Academic & co-curricular activities–Outcome Indicators
9. Library strengthening (Collection Strength/ CeRA usage/ Footfall/ DDS)
10. Performance Indicators (PINDICS) for research output/publications for excellence

Twenty two Vice Chancellors and twelve representatives of the Vice-Chancellor attended the symposium and expressed their opinions regarding the ranking criteria. Besides the inaugural and plenary sessions, four technical sessions were conducted to discuss the above themes.





## Recommendations emerged from the Symposium

- 1) The draft of National Agricultural Education Policy should be deliberated in detail in all the universities and suggestions after in house discussion of different universities/ICAR institutes should be compiled. A committee comprising of Prof. K.P. Singh, VC, CCSHAU, Hisar; Dr. S. K. Patil, VC, IGKV, Raipur; Dr. S. K. Rao, VC, RVSKVVU, Gwalior and Dr. M. B. Chetti, VC, UAS, Dharwad was constituted to work out the detailed joint response of Agricultural Universities to be submitted to the MHRD through MoA and MoAH.  
**(Action: Committee members/President IAUA)**
- 2) A committee was constituted to work out a common criteria and suggest improvements in the existing criteria regarding ranking adopted by ICAR, which will be acceptable to all universities/institutions. Dr. B. S. Dhillon, VC, PAU, Ludhiana was nominated as Chairperson, while committee members nominated were Prof. K. P. Singh, VC, CCSHAU, Hisar; Dr. R. K. Singh, Director cum VC, IVRI, Bareilly; Dr. Gopal Krishana, Director cum VC, CIFE, Mumbai; Dr. Parminder Kaushal, VC, Dr YSPUH&F, Nauni and Dr. M. K. Naik, VC, UAHS, Shivamogga.  
**(Action: Committee members/President IAUA)**
- 3) All the universities were asked to prepare a brief note (4-5 pages) on their contributions during last 5 years quantifying impacts on society so that the information can be uploaded on IAUA website and updated regularly  
**(Action: All Vice-Chancellors)**
- 4) Ranking of Institutes/Universities should be carried out based on performance of last 3 years against the present process based on performance during one year, as research is a long process. Institutes/Universities should be ranked separately based on the programmes being offered such as PG only; and UG and PG both for ICAR. However, considering the contribution of agriculture towards feeding the country and upliftment of rural economy, there is a need for separate ranking of SAUs in NIRF to maintain separate identity of agricultural education.  
**(Action: ICAR/President IAUA)**
- 5) Universities should develop partnership and collaboration with other universities, countries, states, Government agencies, NGOs and civil societies for transfer of technologies and schemes run by govt. for farmers and rural development; and community partnership to bring together different pieces of research puzzle i.e. expertise, knowledge & equipment.  
**(Action: All Vice-Chancellors)**
- 6) Agri Business Incubation Centers should be established in all the universities so that graduates can be motivated for Agri-business startups. Vocational training centers should be strengthened for imparting skills in agriculture for employment generation for the unemployed rural youths. Development of outreach programme through online courses and distance education in agricultural sciences in regional languages would also help in improving the perception of the university  
**(Action: ICAR/All Vice-Chancellors)**



- 7) Faculty exposure to the international laboratories, tuning of soft skills etc. should be facilitated with provision of Sabbatical leave for the teaching faculty. Credit transfer for the students should be encouraged so that benefit of excellent facilities and courses in one university can be availed by others.  
**(Action: All Vice-Chancellors)**
- 8) Independence of university and industry partners must be protected and their differing missions be respected. University must not lose sight of their prime academic mission and performing basic scientific and engineering inquiry while working in synergy with industry.  
**(Action: All Vice-Chancellors)**
- 9) Collaboration for students in getting the fellowship and scholarships from the industries should be explored. Skill requirement of industry must be fulfilled and mid-term reviews of curriculum are also required. Flexibility in courses is required for international collaboration.  
**(Action: ICAR/All Vice-Chancellors)**
- 10) To develop sustainable agricultural practices, encouragement for use of ICT based technologies and demonstration programmes for transfer of knowledge and skill to farmers should be encouraged.  
**(Action: All Vice-Chancellors)**
- 11) There is a need to develop a corpus fund in the institutes which can be used for funding international joint projects which will enhance quality publication, patenting, etc. Matching funds can be earmarked by respective participating Institutes/Universities.  
**(Action: ICAR/All Vice-Chancellors)**
- 12) To convert agricultural universities into global institutions, good quality students are to be attracted. Restrictions for admission of students in the ratio of 75:25 (State:ICAR) is a limiting factor and there is a need to modify this ratio to 50:50. Some mechanism may be evolved to increase the strength of international students through direct admission.  
**(Action: ICAR/All Vice-Chancellors)**





## Highlights of Inaugural Session

The symposium was inaugurated by the Chief Guest Hon'ble Governorshri of Gujarat Acharya Devvrat Ji on Sept. 19, 2019 at 12 Noon. Col. (Dr.) A. R. Pathak, President, IAUA and VC, JAU, Gujarat, Prof. K. P. Singh, VC, CCSHAU, Hisar, Dr. R. P. Singh, Executive Secretary, IAUA and Dr. M. S. Sidhpuria, Organizing Secretary of this National Symposium and DHRM, CCSHAU, Hisar shared the dais with the Chief Guest.



Vice-Chancellor, CCSHAU, Hisar Prof. K. P. Singh formally welcomed the Chief Guest and the dignitaries, all the Vice-Chancellors/their representatives of various SAUs/CAUs/DAUs, faculty, staff, students and media persons present on this occasion. In his welcome address, he told that CCSHAU, Hisar is a 50 year old institution and appraised about its achievements and accomplishments during the last 5 decades besides new initiatives undertaken in recent years such as evolvement of new varieties/hybrids of various crops, awards/honours (Sardar Patel Outstanding ICAR Institution Award-2016, Haryana Kisan Ratna Puraskar-2019, Pandit Deen Dayal Upadhyay Krishi Vigyan







Protsahan Puraskar- 2017, *Krishi Siksha Samman* Award-2019 etc.), start of new programmes/ colleges e.g. Centre of Plant Biotechnology, Innovation Centre for Agri-waste Management, Institute of Business Management and Agripreneurship at Gurugram, College of Fisheries, Agri-Business Incubation Centre (ABIC), Agri-tourism Centre, COA at Bawal etc. He told that the university has made rapid strides and occupies a position of prominence among the agricultural universities of the country as it has secured second rank in the country amongst SAUs under ICAR-National Agriculture, Research and Education System (NARES) and only agricultural university among top 100 in NIRF ranking by MHRD for the period 2018- 2019. He said that this University is by the farmers, of the farmers and for the farmers.

Dr. A. R. Pathak, President, IAUA apprised the audience about the establishment of IAUA, its aims, objectives, membership and activities. He also told about the purpose of holding such kinds of VCs' Conferences and particularly this National Symposium. He congratulated the faculty and staff of CCSHAU, Hisar for completing 50 years of its establishment and getting awards.



On the occasion, Lifetime Achievement Awards (for significant contribution towards agricultural education, research and extension activities) were also conferred. The award for the year 2017-18 was conferred to Dr. Dev Raj Bhumbra, Former Vice-Chancellor, CCSHAU, Hisar and for the year 2015-16 to Late Dr. Prithvi Singh Lamba, Former, Vice-Chancellor, CCSHAU, Hisar. Dr. Asha Kawatra, Dean, PGS, CCSHAU, Hisar briefed about the contributions of both the achievers & read out the citations presented to awardees.







In his inaugural address, the Chief Guest Hon'ble Governorshri of Gujarat, Acharya Devvrat Ji congratulated Prof. K. P. Singh for various achievements made during his tenure. He said that he has been visiting this University every year for the last 3-4 years and has noticed that every time one or the other new initiative, research projects etc. taken by him in the University. He also congratulated all the Vice-Chancellors for working in the field of agriculture for benefitting the farmers. He also appreciated their contribution in bringing Green Revolution and driving the country from food deficit situation to food sufficiency. But at the same time, he explained in detail about his interactions with the agricultural scientists, farmers, medical doctors etc. regarding adverse effects of excessive use of insecticides/pesticides, chemical fertilizers etc. on soil health and health of humans and animals. He told that at present there is an alternative in the form of natural farming to sustain the increased crop production, soil fertility. He also shared his experiences regarding promotion of this mission with farmers in HP, Haryana, Gujarat and Andhra Pradesh. He urged all the Vice-Chancellors to get this technology adopted by the farmers of their areas through KVKs which can be effective in future to double the income of farmers by 2022 which is also vision of our dynamic Prime Minister, Mr. Narendra Modi.



He said, the symposium adopts timely theme “Ranking of Agricultural Universities in India” for sustainable agricultural development and expansion of natural farming system. In the age of Globalization every institute strives to get ahead of others. He said the road to becoming world-class institution is through the trinity of talent, resources & management. He hoped the conference will provide a platform to all the institutions of higher learning for in-depth discussion on the crucial topic and network of people will be built who can raise their calibre of work to greater heights and achieve shared objectives.

We will have the benefit of unique insights of the Vice-Chancellors and their representative on issues like Strategic role of agricultural universities in rural development, Integration of extension workers for effective dissemination of technology, Role of industrial research and development in education system, Financial status/outcomes/ Implications Value added indicators.





The session ended with a vote of thanks by Dr. M. S. Sidhpuria, Organizing Secretary of the event. He thanked Dr. A. R. Pathak, President IAUA for choosing CCSHAU, Hisar for organizing XIII National Symposium-2019 on the occasion of its Golden Jubilee Year Celebrations.



# Proceedings of Technical Session - I

Theme	: Balancing ranking criteria for global integration and regional priorities
Chairperson	: Dr. A. R. Pathak, VC, JAU, Gujarat and President IAUA
Co-Chairperson	: Dr. V. Damodara Naidu, VC, ANGRAU, Guntur
Rapporteurs	: Dr. R. K. Jhorar, Dean, COAE&T, CCSHAU, Hisar Dr. S. K. Pahuja, COE, CCSHAU, Hisar



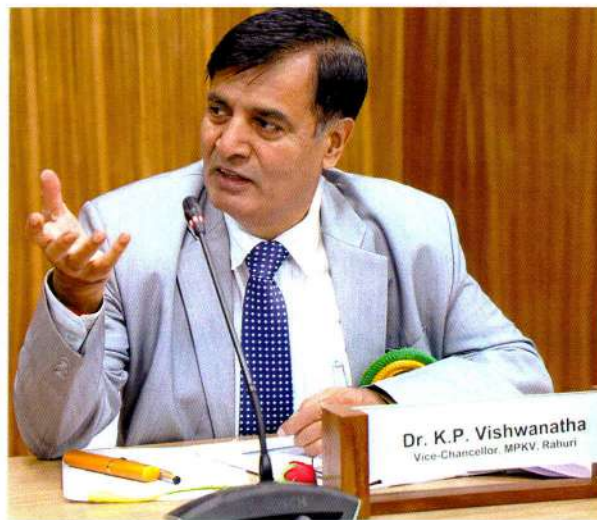
The Chairman Dr. A. R. Pathak welcomed all the Vice-Chancellors and other delegates representing the respective Vice-Chancellors. A two minute silence was observed to pay tribute to Dr. Khem Singh Gill, former Vice-Chancellor, PAU, thereafter, the session continued.





The chairman, Dr. A. R. Pathak informed that as regards ranking of State Agricultural Universities, ICAR has been doing this exercise for the last three years and there have been issues regarding finalization of parameters such as students intake, faculty strength, budgetary provisions, academic, co curricular activities etc. He insisted upon the need to deliberate upon the existing indicators and incorporating suggestions for modifications according to national and global ranking criteria. He said that the purpose of ranking was to ensure excellence in higher educational institutions, greater efficiency and accountability.

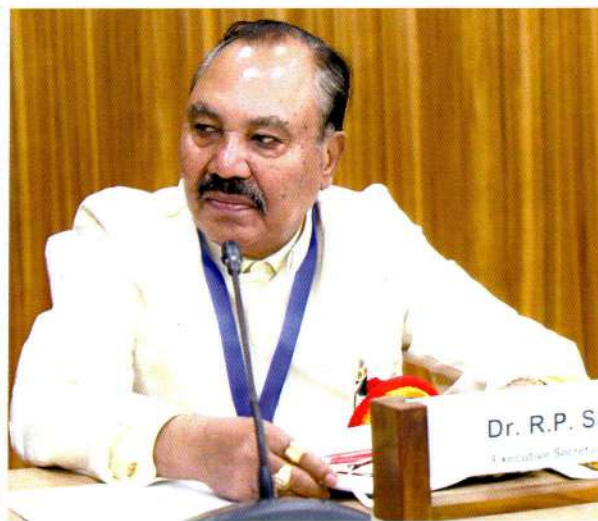
The Chairman circulated a letter written by Dr. S. K. Patil, VC, IGKV, Raipur regarding National agricultural education policy to be discussed in view of new education policy. Prof. K.P. Singh, VC, CCSHAU, Hisar shared with delegates the proceedings of meeting held at CCS HAU, Hisar regarding Draft National Education Policy in which different delegates of ICAR institutes at Hisar as well as Officers of CCSHAU were present. The delegates expressed their concern for lack of weightage given to agriculture in the Draft National Education Policy.



To work out the detailed joint response of Agricultural Universities to be submitted to the MHRD through MoA and MoAH, the following committee was constituted: Prof. K. P. Singh, VC, CCSHAU, Hisar; Dr. S. K. Patil, VC, IGKV, Raipur; Dr. S. K. Rao, VC, RVSKVVU, Gwalior and Dr. M. B. Chetti, VC, UAS, Dharwad. The committee will submit its report at the earliest to IAUA President for further necessary action. Dr. R. P. Singh, Executive Secretary, IAUA requested all the universities to prepare a small note (4-5 pages) on their contribution during the last 5 years quantifying impacts on society. He further stated that this information would be uploaded on IAUA website and updated regularly.







Dr. A. K. Sarial gave a detailed presentation on “Academic and Co-curricular activities: Outcome Indicators” related to existing Ranking Criteria adopted by ICAR. He mentioned that the rationale for performance indicators is firstly to ensure education provided by HEIs to equip students for employment and provide the country with a highly skilled workforce that support economic growth and contribute to educational, social and political values. He said that the use of performance indicators in HEIs will ensure accountability for public funds, improve the quality of higher education provision, stimulate competition within and between institutions, verify the quality of new institutions, assign institutional status. He suggested several inputs, process, output and outcome indicators for teaching excellence. He also listed co-curricular and extra co-curricular outcome indicators such as number of students participated in inter-institutional games and sports (students participated/total no. of students), number of events of games and sports in which participated, students participation in inter-institutional youth festival (students participated/ total no. of students), number of events in youth festival in which he/she participated, positions bagged in games and sports, number of students' clubs and societies, publication of students' magazines, playground and indoor/outdoor stadium, auditorium, trainers (coaches) for games and sports etc. He also mentioned that the current ICAR system covers most of the aspects and discussed some suggestions for incorporation.





The comments received from various universities were compiled together point wise by the organizing committee and were presented before the house. Different panelists expressed that there is a great diversity among SAUs and institutions. Some have UG students while others have only PG students or some both besides some are totally research institutes and therefore it was difficult for all to fit under one umbrella. The panelists also showed their concern towards the inability of the existing indicators to fully account for the contributions being made by different State Agricultural Universities such as technology transfer/varieties developed for enhancing productivity and production. Considering the diverse views expressed by different delegates, a committee consisting of the following members was constituted to work out the detailed report containing suggestions for improvement of the existing criteria adopted for ranking by ICAR.

- i. Dr. B. S. Dhillon, VC, PAU, Ludhiana, Chairperson
- ii. Prof. K. P. Singh, VC, CCSHAU, Hisar
- iii. Dr. R. K. Singh, Director cum VC, IVRI, Bareilly
- iv. Dr. Gopal Krishana, Director cum VC, CIFE, Mumbai
- v. Dr. Parminder Kaushal, VC, Dr. YSPUH&F, Nauni
- vi. Dr. M. K. Naik, VC, UAHS, Shivamogga

### Recommendations

- IAUA should again circulate the letter related to Draft on National Education Policy to different Vice-Chancellors with a request to supply their comments within a week's time.
- The suggestions related to agricultural education policy as a result of in house discussion by different universities/ICAR institutes should be compiled and submitted to the MHRD through MoA and MoAH.
- Considering the contribution of agriculture towards feeding the country and upliftment of rural economy, there is a need to maintain separate identity of agricultural education.
- A representative of IAUA should be associated in the process of ranking.
- Ranking may also be carried out based on different categories on similar pattern as adopted under NIRF.
- Ranking should be carried out based on performance of last 3 years against the present process based on performance of one year only.
- Institutes/Universities should be ranked separately based on the programmes being offered such as UG or PG only; and UG and PG both.

At the end, Co-Chairperson, Dr. V. Damodara Naidu summarized the discussions and thanked delegates for their active participation. The session ended with vote of thanks to the Chair.



## Technical Session - II

Theme	: University Outreach Programmes (Collaboration of any type)
Chairperson	: Dr. M. Premjit Singh, Vice-Chancellor, CAU, Imphal
Co-Chairperson	: Dr. Ashok Kumar Sarial, VC, CSKHPKV, Palampur, HP
Rapporteurs	: Dr. Asha Kawatra, Dean PGS, CCSHAU, Hisar Dr. Neelam Rose, HOD, TAD, COHS, CCSHAU, Hisar



Dr. V. Damodara Naidu, Vice-Chancellor, ANGRAU, Guntur, Andhra Pradesh shared his experience on 'Strategic Role of Agricultural Universities in Rural Development'. He presented the current scenario of rural development in India, flashing on the facts that 65 percent of population in India lives in villages and 90 per cent of the rural population depends on agriculture and allied sectors. Even though 56 per cent of population engaged in agriculture but gets only a share of 17 per cent in GDP, agriculture of rural India plays an important part in overall growth and development. He stressed that the agricultural universities should target on “what he does and what he improves” which refers to the process of improving the quality of life and economic well being of rural population. He also emphasized on 3 I's (Invent, Innovate, Incubate) & 3 E's (Evaluate, Educate, Ease) which should be followed by agricultural universities to get the set objectives. Also, he focussed on the different strategies for rural development i.e. improved cropping practice, effective water management, effective use of resources, skill development, integrated farming system, protective and drudgery reducing gadgets, education through ICTs (Mobile Apps and ICT modules), harmonizing modern technologies with traditional and indigenous knowledge, sustainable development planning and farm mechanization.

He emphasized on the creation of incubation centres to innovate new paradigms for employment generation and improving the profitability (targeting the rural youth) such as







vermi-compost production, mini dal mills, nursery production, dairy and integrated farming systems etc. Value addition of millet crops should be done for enhancing the nutritive values of food items. He also told about the initiatives taken by Directorate of Extension, ANGRAU during the Period 2010-13 to enhance outreach i.e. Developing Farmer–Master trainers, Innovative farmers' networking, Flag Method of Extension. He stressed upon that technologies should be cost effective, highly productive, profitable and sustainable.

Prof. S. K. Rao, Vice-Chancellor, RVSKVVU, Gwalior, M.P. presented his views on the 'Strategic Role of Agricultural Universities in Rural Development'. He stressed on the teaching and learning



opportunities for students in Agricultural Universities along with access to employment and micro-business opportunities in rural areas. He also emphasized to develop such type of curriculum which can impart knowledge and skill for on and off –farm employment in rural areas along with research and development for agro-processing technologies. He also told that the universities can potentially showcase the local traditions and knowledge reflecting the regional, cultural and ethical tradition of their society, as well as global movements and forces. There is also need to develop and

enhance the linkages to farmer groups with processors and buyers for increasing the profits to the farmers. He also said that agricultural universities should focus on the innovative ideas and tools to strengthen their outreach and extension services for the benefits of education of rural people.

Dr. K. P. Viswanath, Vice-Chancellor, MPKV, Rahuri, Maharashtra shared the information on 'Integration of Extension Workers for Effective Dissemination of Technology'. He started his



presentation with factual details based on resources and highlighted that 52 per cent of population in India earns livelihood in agriculture, 17 per cent contribution in GDP, 10.23 per cent earning of total exports (86,000 crs.). He told about the food requirement in context to Indian scenario of millet production in future and told about the effect of green revolution on agriculture and horticulture crops. He also informed on the concept of agricultural extension and Research–Extension–Farmer linkages in Maharashtra. He gave brief information

about the extension models for dissemination of information through ATMA Model, KVK Model, PPP Model, NGO Model, Input Dealer Model, Cooperative & Farmer Organization Model, ICT Extension Model, Integrated Farming System Model and focussed on Farmer to Farmer Extension





(FFE). He emphasized upon the Future Extension systems i.e. Technology transfer, Human capacity development, Building social capital, Marketing & Promotional approach, Educating farmers for sustainable natural resource management, Micro eco-situation intervention.

Dr Parvinder Kaushal, Vice-Chancellor, Dr. YS Parmar University of Horticulture and Forestry, Solan, HP discussed on the topic 'Role of Industrial Research and Development in Education System: Convergence Issues and Perspectives'. He emphasised that educational institutes must be responsive to address these emerging issues for maintaining their relevance and usefulness. He also mentioned that the era of economic prosperity ushered in many regions due to convergence of farm technologies and vocational entrepreneurship and there are convergence opportunities of entrepreneurship and technical education in varied components of farming. There are vocational opportunities for industrial collaboration in the cultivation of fruits, vegetables, flowers, medicinal plants and other cash crops, organic farming, value addition, agro processing, food processing, nursery production, biotechnology etc. and role of IPR policy and its impact. The challenges and need for convergence of industries and academics were also discussed.



Prof. Dinesh Chandra Joshi, Vice-Chancellor, AU, Kota, Rajasthan discussed about importance of self- sustainable system, skill development for non-agricultural/landless rural population and

development of agri-business centres/rural agro industry, region specific integrated farming system, training for effective post harvest technology, primary process and value addition so farmers can produce quality products themselves.

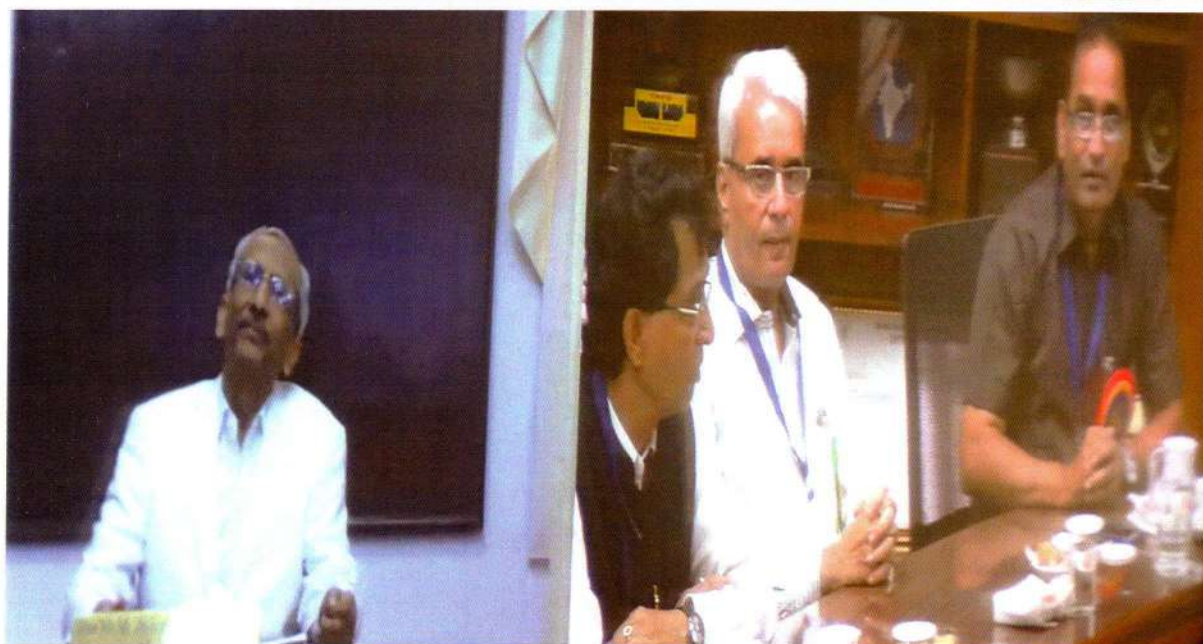


## Recommendations:

- ICAR must support Incubation Centre so that graduates can be motivated for Agri-business start-ups
- Region-wise integrated farming system need to be developed.
- To develop sustainable agricultural practices, encouragement for use of ICTs based technologies and demonstration programmes for transfer of knowledge and skill to farmers
- To develop partnership with NGOs and civil societies for transfer of technologies and schemes run by Govt. for farmers and rural development.
- Vocational training centers for the unemployed rural youth to be strengthened for imparting skills in agriculture for generating employment.
- Education in agricultural sciences in regional languages

## Video Conferencing Session

During the Technical Session II, a video conferencing session was also conducted between the participants and Hon'ble Chairperson of National Green Tribunal, New Delhi, Sh. Adarsh Kumar Goel. Many current topics like straw burning, crop residue management, agri-waste management system, organic farming etc. were discussed and it was assured from both sides that best efforts would be made to overcome these issues. The session ended with a vote of thanks to the chair.





## Technical Session - III

Theme	: AGREE (Agricultural Research, Education & Extension) a driving force for KPI (Key Performance Indicators)
Chairperson	: Dr. C. J. Dangaria, Vice-Chancellor, NAU, Navsari, Gujarat
Co-Chairperson	: Dr. A. S. Dhawan, Vice-Chancellor, VNMKV, Parbhani
Rapporteurs	: Dr. S. K. Sehrawat, Director of Research, CCSHAU, Hisar Dr. Satish Kumar, Project Director, CCSHAU, Hisar



Chairperson Dr. C. J. Dangaria, Vice-Chancellor, NAU, Navsari, Gujarat welcomed all the Vice-Chancellors and other delegates present in the technical session. During this session, two presentations were made.

Dr. Rameshwar Singh, Vice-Chancellor, Bihar Animal Science University, Patna, Bihar deliberated on the topic Engaging with stakeholders. He informed that Agricultural Universities are taking care of three main components, i.e. teaching, research and extension. There is a need to balance all these three components for the best result. Interaction with stakeholders for future improvement is very important which will help in planning future research activities. There is a very high expectation of stakeholders for the quality courses, quality of resource, quality of staff as well as students and finally the intake and graduates of the universities. The





perspective of the students is very important which will help a long way if they are employed. Knowledge and up gradation of faculty will be helpful in good teaching/research/extension. He stressed upon the restrictions for admission of students in the ratio of 75:25 (State: ICAR) which is a limiting factor and there is a need to modify this ratio to 50:50. The number of seats are also limited as compared to other private/traditional universities. The intake/admission of international students directly cannot be made by the Agricultural Universities. So, some mechanism may be evolved to increase the strength of international students through direct admissions. He stressed upon the “Engage-Impress-Convert” model and said that private universities are following this model as a result the strength of international students have increased in these universities. There is need to invite government officials and ministers to the universities for different occasions and showcase the university achievements so that the perspective of the planner Government will be positive in providing support to the Universities.



The second presentation was made by Prof. K. P. Singh, Vice-Chancellor, CCS Haryana Agricultural University, Hisar on World Class Education, Learning and Academic Ambience in Agri-varsities. Prof. K.P. Singh stated that the universities are creators of ocean of knowledge. To do so, the university should possess excellent world level laboratory facilities, international research collaborations and faculty exchange programmes. Dr. Singh mentioned that to convert agricultural universities into global institutions, good quality students are to be attracted. At present, agriculture as an option is low on priority list of students. He compared the State Agricultural University





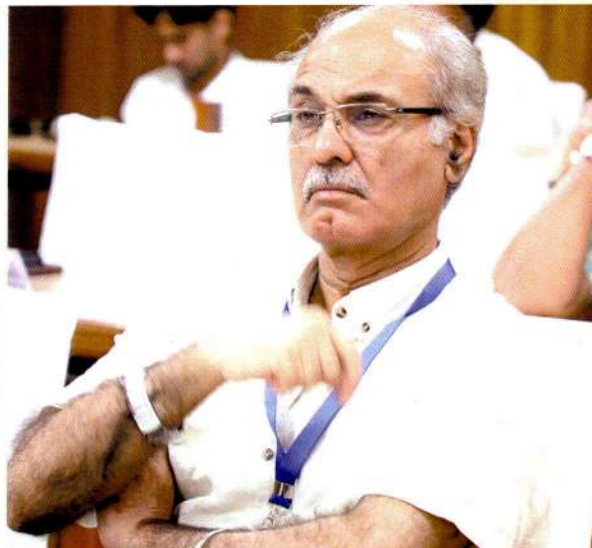


system prevalent in India with that of University of Illinois and Michigan State University. In SAUs, at the most 3000 students are enrolled whereas in University of Illinois, 50,000 students are on rolls. To increase our intake, the students may be placed/located in other ICAR/National/International Institutes by signing MOUs. IISc Bangalore has 3000 Ph.D. students on its roll which is almost equivalent to Ph.D. students enrolled in all SAUs. For International collaboration, Prof. Singh suggested creation of flexibilities in courses and also stressed upon International research collaboration for which matching funds can be earmarked by respective participating Institutes/Universities. Dr. Singh suggested that there is a need to develop a corpus fund in the institutes which can be used for funding international joint projects which will enhance quality publication, patenting, etc. He also suggested the enrolment of adjunct faculty for improving the quality teaching as well as research also, besides encouraging faculty for sabbatical leave. In the end, he also suggested development of outreach programme through online courses. It would also help in improving the perception of the universities.

Dr. Gopal Krishna, Director-cum-Vice-Chancellor, CIFE, Mumbai also suggested some measures for excellence in education. He suggested that nomenclature of the degree should be internationally accepted. There is need for faculty exposure of the international laboratories. He also stressed that restrictions from the state government need to be curtailed and there should be a credit transfer system among the different institutes.







Dr. Parvinder Kaushal mentioned that all the Universities cannot excel on all the aspects. Some Universities have excellent facilities and expertise in certain areas, while others excel in other areas. Therefore, Universities should share these expertise and skills with others. For this purpose, sabbatical leave of the teaching faculty and credit transfer for the students should be encouraged.

Dr. A. S. Dhawan, Co-Chairperson and Vice-Chancellor, VNMKV, Parbhani suggested for tuning of soft skills and updating of faculty for quality education.

Dr. C. J. Dangaria, Chairman and Vice-Chancellor, NAU, Navsari, Gujarat thanked the speakers for their excellent presentation and good interactive session. The session ended with a vote of thanks to the Chairperson.

### Recommendations

- There is a need to develop a corpus fund in the institutes which can be used for funding international joint projects which will enhance quality publication, patenting etc.
- There should be a credit transfer system among the different institutes
- Development of outreach programme through online courses will help in improving the perception of the university.
- There is a need for faculty exposure of the international laboratories, tuning of soft skills and updating of faculty for quality education.
- Sabbatical leave for the teaching faculty and credit transfer for the students should be encouraged.



## Technical Session - IV

Theme	: Institutional Perceptions
Chairperson	: Dr. K. P. Vishwanatha, Vice-Chancellor, MPKV, Rahuri
Co-Chairperson	: Dr. N. H. Kelawala, Vice-Chancellor, KU, Gandhi Nagar, Gujarat
Rapporteurs	: Dr. Atul Dhingra, Comptroller, CCSHAU, Hisar Dr. Neeraj Kumar, Additional Director Research, CCSHAU, Hisar



Dr. M. S. Sidhpuria, Organizing Secretary of the Symposium formally welcomed Chairperson Dr. K. P. Vishwanatha, Vice-Chancellor, MPKV, Rahuri, and all the Vice-Chancellors and other delegates.

During the session, Dr. A. S. Dhawan, VC, VNMKV, Parbhani, presented his view point on University and Industry linkage from Agricultural Universities point of view. He suggested skill requirement of industry must be fulfilled and mid-term reviews of curriculum are also required.



Dr. N. H. Kelawala, VC, KU, Gandhi Nagar, Gujarat made a detailed presentation on "Futuristic University: University and industry Collaboration/role of Public Sector in Higher Education". He started with clear classification of universities as central, state, private, deemed institute of national importance, etc. and he explained collaboration with the universities of other countries for students/faculty exchange programme and other states for coordination of research and extension programme. He also defined partnership, its basic concepts and briefly gave the historical aspects of alignment of University and industrial research. He said that successful partnership involved talented people performing different roles, different resources/capabilities.



After throwing light on impediments to partnership and special challenges, he presented special PPP guidelines for research and scientific discovery and stressed upon that the collaboration should be like symbiosis–win-win situation for both the parties. He also highlighted benefits of collaboration for the Universities. Through a conceptual model, he discussed Organizational forms of UIC, stages in the UIC formation process, activities during UIC and UIC outcomes and benefits. He also listed the collaboration which can be made between Universities and other companies, sectors such as pharmaceutical companies, dairy sector, zoo and natural park, vaccine institutes etc. He nicely explained factors affecting partnership and what to do if partnership is not working. Finally, he suggested measures for the success of partnership. He emphasised that in Universities, we don't take time to learn especially building, nurturing & terminating of partnerships. We need to take time to identify what contributed to success or resulted in failure and then to develop system for passing this knowledge along to new partnership participant. To build responsive, productive and sustainable partnership through partnership, skills of faculty should be goal of continuing professional development programme.

Dr. R. V. Vyas, VC, AAU, Anand, Gujarat, suggested University-Industry partnership should be like USA.







Then Dr. S. K. Meti, Director Education System, UAS, Raichur was of view point that technologies comfortable to industries should be developed as and when required.

Dr. (Mrs.) Gurinder Kaur Sangha, Dean PGS, PAU, Ludhiana suggested that collaborations are beneficial for students in getting the fellowship and scholarships from the industries.

In the end, Chairperson Dr. K. P. Vishwanatha, Vice-Chancellor, MPKV, Rahuri thanked all the delegates for their active participation and session ended with vote of thanks to the Chair.

## Recommendations

- Collaboration with other universities, countries, states, government agencies and community partnership are essential to bring together different pieces of research puzzle – expertise, knowledge & Equipment. Such partnership can facilitate transfer of technology from lab. to marketplace
- There is a need to Develop multidimensional accomplishment reward and incentive system rather than peer review publications only
- Independence of university and industry partners must be protected and their differing missions be respected.
- Universities must not lose sight of their prime academic mission and performing basic scientific and engineering inquiry. Universities should work in synergy with industries.
- University research should not be constrained from publishing or disseminating research results due to proprietary claims of industry partners being using public fund
- Industries should not substitute university partnerships for their own “in house” research program.
- Collaborations for students in getting the fellowship and scholarships from the industries can be explored
- Skill requirement of industry must be fulfilled and mid-term reviews of curriculum are also required.



## Plenary Session

- Chairpersons : Dr. A. R. Pathak, VC, JAU, Gujarat  
Prof. K. P. Singh, VC, CCSHAU, Hisar
- Co-Chairpersons : Dr. S. K. Rao, RVSKVV, Gwalior, Madhya Pradesh  
Dr. R. P. Singh, Executive Secretary, IAUA
- Rapporteurs : Dr. Rajvir Singh, Dean, COBS&H, CCSHAU, Hisar  
Dr. Bimla Dhanda, Dean, COHS, CCSHAU, Hisar



At the outset, Dr. M. S. Sidhpuria, Organizing Secretary welcomed all the Vice-Chancellors, representatives and other dignitaries present. .

Dr. Pathak, President IAUA explained about the NIRF ranking performance in details. He told that ICAR criteria is different from criteria applicable to SAUs. He also discussed about the perceptions of other universities who are getting good rank like G.B. Pant University of Agriculture, CCSHAU and PAU. He emphasised to improve the RP and PR for good ranking. He appreciated the excellent work done by Prof. K. P. Singh, Vice-Chancellor, CCSHAU, Hisar by establishing Agribusiness centre, organic farming and tissue culture lab etc. He also mentioned about problems like if you have to give land on lease, you have to ask from Government and there are bureaucrats in between. He told army and railway has a lot of land but they don't allow SAUs to use for which solution can be found out.

Dr. K. P. Singh highlighted that in order to improve university- Industry interaction, there is



a need to appoint a Directorate of Corporate/ Industrial relations headed by an Associate Director and assisted with 2-3 faculty members who can act as a bridge between university and industry. Initially, efforts can be done to get industrial sponsorship for M.Sc and Ph. D thesis which may range between Rs. 25000 to 50,000. He added that University should not be only for sample testing but scientists have to create faith among stakeholders that they are always ready for their services. He suggested to create



Industrial chair in the university and get certain amount of funds from industries, which they would gladly give. Prof. K. P. Singh also emphasized to initiate a CSR fund. He said that the universities should target foreign industries also and best way is that we should connect them through embassies.

At the end, rapporteurs of various sessions read out their reports. The reports were read by Dr. Neelam Kheterpal, Dr. R. K. Jhorar, Dean, COAE&T, CCSHAU, Hisar, Dr. Asha Kawatra, Dean PGS, CCSHAU, Hisar, Dr. S.K. Sehrawat, Director of Research, CCSHAU, Hisar and Dr. Atul Dhingra, Comptroller, CCSHAU, Hisar for the Inaugural I, II, III & IV sessions, respectively

The symposium ended with formal vote of thanks from Organising Secretary and Director, HRM, Dr. M. S. Sidhpuria.





# Tree Plantation at Deen Dayal Upadhyay Centre of Excellence for Organic Farming

Chaudhary Charan Singh Haryana Agricultural University, Hisar





**Deendayal Upadhyay Centre of Excellence**  
for  
**Organic Farming**

**Fruit Plantation Drive**  
at  
Organic Orchard  
CCS HAU, Hisar  
on the occasion of  
**XIII National Symposium-2019**  
(Vice Chancellors' conference)  
on  
**Ranking of Agricultural Universities in India**  
Dated - 20.09.2019









# Tree Plantation at Deen Dayal Upadhyay Centre of Excellence for Organic Farming

Ranking of Agricultural Universities in India





# Tree Plantation at Deen Dayal Upadhyay Centre of Excellence for Organic Farming



Chaudhary Charan Singh Haryana Agricultural University, Hisar





## Visit to Kurukshetra

After the sessions, all the participants visited Gurukul, Kurukshetra on 20.09.2019 on the invitation of the Hon'ble Governorshri of Gujarat Acharya Devvrat Ji to have an insight into the type of natural farming being adopted in Kurukshetra which can be effective in future in doubling the income of farmers. On behalf of delegates, Dr. A. R. Pathak, President, IAUA and Vice-Chancellor, Junagarh Agricultural University thanked Prof. K. P. Singh, Vice-Chancellor, CCSHAU, Hisar for organising the symposium. He hoped that outcomes of this symposium will certainly be beneficial for all the agricultural universities.







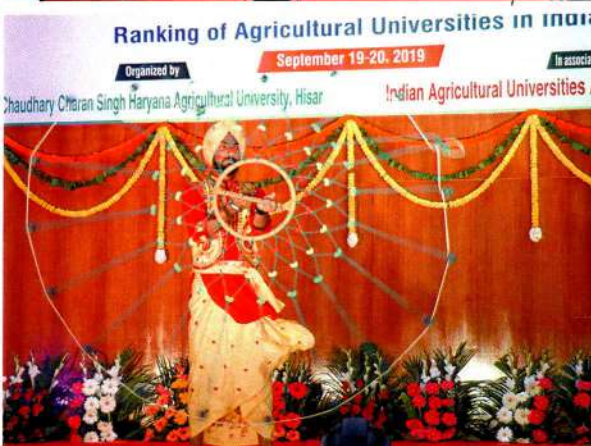
Chaudhary Charan Singh Haryana Agricultural University, Hisar







# Cultural Eve







# Chaudhary Charan Singh Haryana Agricultural University, Hisar







# Approved Technical Programme

**DAY-1**

**19<sup>th</sup> September, 2019**

**TECHNICAL SESSION- I : 09:00-11:00 hrs Committee Room, IG Auditorium**

Theme : Ranking Criteria for Global Integration and Regional Priorities

Chairperson : Dr. A. R. Pathak, VC, JAU, Gujarat & President, IAU

Co-Chairperson : Dr. V. Damodara Naidu, VC, ANGRAU, Guntur

Rapporteurs : 1. Dr. R.K. Jhorar, Dean, COAE&T, CCSHAU, Hisar  
2. Dr. S.K. Pahuja, Controller of Examinations, CCSHAU, Hisar

Topic	Topic	Speaker
	Academic & co-curricular activities : Outcome indicators	Dr. Ashok Kumar Sarial, VC CSKHPKV, Palampur, HP
	Performance indicators for research output for excellence	
	Library strengthening	

Panelists : 1. Dr. Chiranjiv Choudhary, VC, Dr. YSRHU, Tadepalligudem, AP  
2. Dr. R.C. Srivastava, VC, Dr. RPCAU, Pusa  
3. Prof. Purnendu Biswas, VC, WBUA&FS, Kolkata  
4. Prof. (Dr.) P.D. Juyal, VC, NDVSU, Jabalpur, Rajasthan  
5. Prof. (Dr.) A. Ramachandran, IAS, VC, KUFOS, Kochi  
6. Dr. U.S. Gautam, VC, BUAT, Banda, UP  
7. Dr. S. Soloman, VC, CSAUAT, Kanpur, UP

**Inaugural Session : 12:00-01:00 hrs Auditorium, COA**

**TECHNICAL SESSION- II 14:00-16:00 hrs Committee Room, IG Auditorium**

Theme : University Outreach Programmes

Chairperson : Dr. M. Premjit Singh, VC, CAU, Imphal, Manipur

Co-Chairperson : Dr. Ashok Kumar Sarial, VC, CSK HPKV, Palampur, HP

Rapporteurs : 1. Dr. Asha Kawatra, Dean PGS, CCSHAU, Hisar  
2. Dr. Neelam Rose, HOD, TAD, COHS, CCSHAU, Hisar

Topic	Topic	Speaker
	Strategic role of agricultural universities in rural development	Dr. V. Damodara Naidu VC, ANGRAU, Guntur
		Prof. S.K. Rao, VC, RVSKVVU Gwalior, Madhya Pradesh





Integration of extension workers for effective dissemination of technology Dr. K.P. Viswanatha, VC, MPKV, Rahuri, Maharashtra

Role of industrial research & development in education system Dr. Parvinder Kaushal, VC, Dr. YSPUH&F, Nauni

Financial status/outcomes/ Implications-Value added indicators Dr. Gurdial Singh, VC LUVAS, Hisar

- Panelists :
1. Dr. Y. Hari Babu, VC, SVVU Tirupati, AP
  2. Dr. S. Felix, VC, TNFU, Nagapattinam, TN
  3. Shri C. ParthaSarathi, IAS VC, SKLTSHU, Rajendranagar
  4. Dr. V.M. Bhale, VC, Dr. PDKV, Akola, Maharashtra
  5. Dr. R.R.B. Singh, Director, NDRI, Karnal, Haryana
  6. Dr. R.K. Patel, VC, SDAU, Gujarat
  7. Prof. Dinesh Chandra Joshi, VC, AU, Kota, Rajasthan
  8. Dr. R.S. Kureel, VC, BAU, Ranchi, Jharkhand

**TECHNICAL SESSION-III : 16:30-18:00 hrs Committee Room, IG Auditorium**

Theme : AGREE (Agricultural Research, Education & Extension) A Driving Force for KPI (Key Performance Indicators)

Chairperson : Dr. C. J. Dangaria, Vice-Chancellor, NAU, Navsari

Co-Chairperson : Dr. A.S. Dhawan, VC, VNMKV, Parbhani, Maharashtra

- Rapporteur :
1. Dr. S.K. Sehrawat, Director of Research, CCSHAU, Hisar
  2. Dr. Satish Kumar, Project Director, CCSHAU, Hisar

Topic	Topic	Speaker
	Research Management System Performance standards for stakeholders' engagement & motivation	Dr Rameshwar Singh VC, BASU, Patna
	World class education learning & academic ambience in agri-varsities	Prof. K. P. Singh VC, CCSHAU, Hisar

- Panelists :
1. Dr. Arvind Kumar, VC, RLBCAU, Jhansi, UP
  2. Dr. Gopal Krishna, Director, CIFE, Mumbai
  3. Dr. G.K. Singh, VC, U.P. Pt. DDUPCVV, Mathura, UP
  4. Dr. R.V. Prasad, VC, KVAFSU, Bidar, Karnataka
  5. Dr. C.M. Sharma, VC, UUHF, Bharsar, Uttarakhand
  6. Dr. K.M. Indires, VC, UHS, Karnataka
  7. Dr. C. Balachadran, VC, TNVASU, Chennai





**DAY-2**

**20<sup>th</sup> September, 2019**

**TECHNICAL SESSION- IV : 9.00-10.30 hrs Committee Room, IG Auditorium**

Theme : Institutional Perceptions

Chairperson : Dr. K.P. Vishwanatha, Vice-Chancellor, MPKV, Rahuri

Co-Chairperson : Dr. N.H. Kelawala, VC, KU, Gandhi Nagar

Rapporteur : 1. Dr. Atul Dhingra, Comptroller, CCSHAU, Hisar  
2. Dr. Neeraj Kumar, Additional Director Research, CCSHAU, Hisar

Topic	Topic	Speaker
	Futuristic University: University and industry collaboration/role of public sector in higher education	Dr N.H. Kelawala, VC, KU, Gandhi Nagar
	Transformation of universities by entering new markets & service Liberalization in higher education : Values of university degree	

Panelists : 1. Dr. A.S. Dhawan, VC, VNMKV, Parbhani, Maharashtra  
2. Dr. S. Rajendra Prasad, VC, UAS, Bangluru  
3. Dr. M.B. Chetti, VC, UAS, Dharwad  
4. Dr. K.N. Kattimani, VC, UAS, Raichur  
5. Dr. R.V. Vyas, VC, AAU, Anand, Gujarat  
6. Dr. C. Balachandran, VC, TNVASU, Chennai

**PLENARY SESSION : 10.30 – 11.30 hrs Committee Room, IG Auditorium**

Chairpersons : Dr. A.R Pathak, VC, JAU, Gujarat (President IAUA)  
Prof. K.P Singh, VC, CCSHAU, Hisar

Co-Chairpersons : Dr. S. K. Rao, VC, RVSKVV, Gwalior, MP  
Dr. R. P. Singh, Executive Secretary, IAUA

Rapporteurs : Dr. Rajvir Singh, Dean, COBS&H, CCSHAU, Hisar  
Dr. Bimla Dhanda, Dean, COHS, CCSHAU, Hisar



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Vice-Chancellor

CCS Haryana Agricultural University, Hisar, Haryana

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**Dr. M. S. Sidhpuria**

Director, Human Resource Management

CCS Haryana Agricultural University, Hisar, Haryana

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12.	Dr. Atul Dhingra, Comptroller	Member
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14.	Dr. Balwan Singh, University Librarian	Member





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	All Deans, Directors, Officers of CCSHAU, Hisar	
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	Dr. Sarita Rani	Botany & Plant Physiology
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	Dr. Ram Avtar	Oilseeds Section (GPB)
	Dr. Surender Yadav	Entomology
	Dr. Bhagat Singh	Agronomy
	Dr. Omender Singh	ADSW/GPB
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	Dr. Manju Mehta	FRM
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	Dr. Suman Gehlawat	Business Management





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Dr. Sube Singh	Directorate Extension Education
Dr. Promil Kapoor	Pulses Section (GPB)
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Mr. Sushil, Pardeep	Photography Unit

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Mr. Manjeet	Transport Office
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Dr. Hemant Poonia	Maths & Stat.
Dr. Ravikant	Zoology
Dr. Vishal Goyal	Soil Science

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Sh. Ravinder Kumar	DHRM

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Dr. Krishna Hooda	Languages & Haryanvi Culture
Dr. Sandhya	Directorate of Students' Welfare
Dr. Poonam Mor	Languages & Haryanvi Culture
Dr. Satish Kashyap	Directorate of Students' Welfare
Sh. Mahender Chugh	Languages & Haryanvi Culture
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Dr. Rajesh Kathwal	Horticulture

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Dr. Jayanti Tokas	DHRM
Dr. P. S. Sangwan	Advisor (RC), O/o Registrar





# List of Participants



Chaudhary Charan Singh Haryana Agricultural University, Hisar

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3	<b>Dr. Baldev Singh Dhillon</b> Vice-Chancellor Punjab Agricultural University, Ludhiana, Punjab	Email Id: vc@pau.edu Tel. No. : 0161-2401794
4	<b>Dr. C. J. Dangaria</b> Vice-Chancellor Navsari Agricultural University, Dandi Road, Navsari, Gujarat	Email Id: vc@nau.in Tel. No. : 02637 282 771
5	<b>Prof. M. Premjit Singh</b> Vice-Chancellor Central Agricultural University Lamphelpat, Imphal, Manipur	Email Id: vcofficecau@yahoo.in Tel. No. : 0385-2415933
6	<b>Dr. K. P. Viswanatha</b> Vice-Chancellor Mahatma Phule Krishi Vidyapeeth Distt. Ahmednagar, Rahuri, Maharashtra	Email Id: vc.mpkv@nic.in, vcmpkv@gmail.com Tel. No. : 02426-243208
7	<b>Dr. K. P. Singh</b> Vice-Chancellor CCS Haryana Agricultural University, Hisar, Haryana	Email Id: vc@hau.ac.in Tel. No. : 01662-231640, 255258
8	<b>Dr. Ashok Kumar Sarial</b> Vice-Chancellor Chaudhary Sarwan Kumar H.P. Krishi Vishwavidyalaya Palampur, HP	Email Id: vc@hillagric.ac.in Tel. No. : 01894 230521
9	<b>Dr. Gopal Krishna</b> Director-cum-Vice-Chancellor Central Institute of Fisheries Education (CIFE) Mumbai	Email Id: director@cife.edu.in Tel. No. : 022-26363404, 6374306
10	<b>Dr. Parvinder Kaushal</b> Vice-Chancellor Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan, HP	Email Id: vcuhf@yaspuniversity.ac.in Tel. No. : 06512- 450500, 450850
11	<b>Dr. Gurdial Singh</b> Vice-Chancellor Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar	Email Id: vc@luvas.edu.in Tel. No. : 01662-272002, 270160
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