

**Proceedings of the
Annual Conference of Vice-chancellors of Agricultural
Universities**

February 15-17, 2012

Venue:

**National Agricultural Science Centre,
Dev Prakash Shastri Marg, New Delhi - 110012**



**Education Division
Indian Council of Agricultural Research
Krishi Anusandhan Bhavan - II, Pusa,
New Delhi-110012**



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Education Division**

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Dated: 25th March, 2012

Subject: Proceedings of the Annual Vice-chancellors Conference held on February 15-17, 2012.

A copy of the proceedings of the Annual Conference of Vice-chancellors of Agricultural Universities held on February 15-17, 2012 at NASC, Complex under the chairmanship of Dr. S. Ayyappan, Secretary (DARE) & DG, ICAR is circulated for information and necessary action. Comments, if any, may please be sent to the undersigned by May 15, 2012.

This is issued with the approval of the competent authority.

(C. Devakumar)

Assistant Director General (EPD)

Distribution:

1. All Vice-chancellors (CAU/SAUs / DUs/CUs)
- 2.. Chairman / Members, ASRB
3. All DDGs /ND; NAIP
4. Director, NAARM / ICAR National Professors
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9. All Deputy Secretaries, ICAR/DARE
10. CP&PRO, DARE

Copy also for kind information to:

1. SPPS to Secy. DARE & DG, ICAR
2. PPS to AS(DARE) & Secretary, ICAR
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4. PS to DDG (Edn.)

Proceedings of the Annual Conference of Vice-chancellors of Agricultural Universities (2012)

Annual Conference of Vice-Chancellors (VCs) of the Agricultural Universities (AUs) was held at the National Agricultural Science Centre, Dev Prakash Shastri Marg, New Delhi on February 15-17, 2012 as per the following major themes. The Directors of ICAR Institutes, Zonal Project Directors, Project Co-ordinators and Senior ICAR Officials were also present on 17th Feb., 2012 during the interactive sessions.

February, 15, 2012

ICAR-AU-CGIAR Interaction

The interaction of the VCs with CGIAR institutes in the ICAR Conference facility was held at National Agricultural Science Centre, Dev Prakash Shastri Marg, New Delhi on 15th February, 2012. The senior ICAR Officials were also present on the occasion. A list of participants in the meeting is attached as Annexure-I.

The meeting was jointly chaired by Sh. P. K. Pujari, Additional Secretary & FA, DARE. Dr. Arvind Kumar, DDG (Edn.) welcoming the participants, mentioned that this is a first-ever formal meeting of the Hon'ble VCs and the CGIAR institutions. This meeting was organized following a decision taken in the last special meeting of the VCs held in September, 2011. The main objective of the meeting was to explore the avenues and opportunities for mutual collaboration and co-operation between agricultural universities and CGIAR institutions in strengthening the research and education. It is hoped that this interaction would provide a beginning for synergy in our common cause of strengthening Indian agriculture through innovation and capacity building. As desired in the last VC conference' the purpose of the interaction was to learn about the programmes, have discussions and take advantage of the presence of international institutes in India by having exchange of faculty and students. It would also enable us to know the strengths of the CG Centers so as to exploit their international experience and identify the areas where collaboration could be possible.

Dr C. S. Chakrabarti, President, Indian Agricultural Universities Association (IAUA) appreciated the efforts of the ICAR for this initiative and wished that the deliberation would be fruitful.

Dr P.K. Pujari, FA (DARE) and Addl. Secy. (DARE) hoped that during the course of the day, substantial areas of active collaborations and exchange could be identified.

The nine CGIAR Institutes and CABI participated in the interactive meeting.

Dr Mathur from the Bioversity International (BI) made a brief presentation highlighting the areas of co-operation with AUs in pursuit of excellence in capacity building of human resources. He informed that BI is carrying out global research in three challenging areas viz. sustainable agriculture, nutrition and conservation. In the area of capacity building, it works with the global range of national partners to provide a comprehensive programme of training materials, courses and support in three challenging areas towards individuals and institutions. It provides following training modules and guides:

- A training module for the international course on the management and utilisation of field genebanks and in vitro collections
- A training guide for *in situ Conservation On-Farm*
- A training module for the international course on plant genetic resources and management
- Seed handling in genebanks

It also has good collection of e-learning modules on the conservation of crop wild relatives. The portal GENESYS facilitates access to and use of information on plant genetic resources for food and agriculture. There are competitive grant schemes under which selected scientists and teachers can work on key issues of agriculture bioersivity management. Bioersivity Internship Programmes is also open to young students.

Dr R. K. Khetarpal, Regional Director, CABI underlined the mission of CABI improves people's lives worldwide by providing information and applying scientific expertise to solve problems in agriculture and the environment. It has two-fold activity viz. Knowledge Management (KM) and Knowledge for Development (K4D). India is one among the 47 member countries of CABI. CABI is providing KM assistance IFCO Kisan Sanchar Limited (IKSL) by providing scientific backstopping. It is now set to launch agro-infomediary service for farmers by combining knowledge with services and linking market. *Plantwise* is a global initiative led by CABI to improve food security by reducing crop losses. Dr. Khetarpal hinted the universities to come forward with attractive proposals for joint ventures in KM and K4D.

Dr. Rajendra Chaudhary, ICARDA highlighted the following thrust areas and offered collaboration with AUs:

- Undertake basic and strategic research for genetic enhancement for yield, quality, resistance to key biotic and abiotic stresses
- Rangeland management, small ruminants' improvement alternative feed resources & crop- livestock integration
- Impact analysis of technological interventions on pulses and development of policy options
- Capacity development: Individual and group training of young researchers/visits of Indian scientists to ICARDA and vice-versa
- Biofortification (Fe & Zn): Lentil, Grasspea, Kabuli, Chickpea: (IARI, IIPR, IGAU)
- Varietal development in Faba bean (Bakla) with resistance to chocolate spot, rust diseases and bold seed size: IARI, RAU
- Use of multi-purpose Cactus varieties in Dry Area
- Identification and tagging of molecular markers
- Adaptation of Olive for diversification in arid region

Dr Raj Gupta representing CIMMYT and BISA enumerated the collaborative network of CIMMYT with the NARS institutions. He informed about the various opportunities available for capacity building of scientists and teachers such as Visiting Scientists Program, Global Advance course in maize, wheat and CA, Advanced Regional Course on CA with PAU, Regional Short Course on CA with UAS and BAU, thesis research by MSc and PhD students, internships for graduate students and facilitation of scientists and teachers in global meets.

Dr V. P. Singh from ICRAF unveiled the ICRAF collaborative plans and underlined the thrust areas for capacity building such as domestication, utilization and conservation of agroforestry germplasm, maximizing on-farm productivity of trees and agroforestry systems, improving tree product marketing for small holders, reducing risks to land health and targeting agroforestry

interventions to enhance land productivity , improving the ability of farmers, ecosystems and the government institutions to cope with climate change, developing policies and incentives for multifunctional landscapes with trees that provide environmental services and capacity building, skills' enhancement and strengthening of R&D institutions. This includes arrangement of training, developing learning resources, organizing workshops, conferences, site visits and travel assistance. He informed that many SAUs are already collaborating partners.

Dr C.L.L. Gowda highlighted the scope of ICRISAT partnership with the SAUs. He offered the services of ICRISAT scientists as adjunct faculty, sandwich programmes for M.Sc./Ph.D students and research partners in the areas of mutual interest and comparative advantages. ICRISAT provides various learning opportunities for research fellow scholars and interns. It organizes skill based learning and scientific visits. It has some e-learning modules. Future collaboration in the areas of genomics and transgenics, development of hybrid, climate resilience agriculture, feed and fodder, bio-fortification, ICT and Knowledge Management etc. are possible, he offered.

Dr. P. K. Joshi, IFPRI made a presentation on India-IFPRI partnership. He offered possible partnership opportunities in production and technology policy, market' trade and globalization, food and nutrition security, development strategy and governance and climate change assessment. He informed about the scope of the capacity building option such as IMPACT model (International Model for Policy Analysis of Agricultural Commodities), commodity outlook and multimarket modeling, science policy and public-private sector in R&D, DREAM (Dynamic Research EvaluAtion for Management) and Policy communication.

Dr. P. P. Ficarelli and Dr Purvi Mehta Bhatt of ILRI advocated partnership for performance under the changing paradigms. It called for value chain approach for the benefit of farmers. ILRI has opportunities for collaboration in following areas such as graduate fellowship programs, curriculum design, faculty exchange, joint project design and implementation, building capacity to build capacity and dissemination of ILRI's research outcomes.

Dr. J.K. Ladha, IRRRI representative traced the recent history of India-IRRI collaboration involving NARS institutions. He reiterated the areas of collaboration such as Germplasm Exchange, Genetic Enhancement/Biotechnology/Seed quality, Integrated Crop and Resource Management and Resource Conserving Technologies, Consortia (CURE, RWC-CSISA, STRASA), Socio-economic and Gender Issue, Human Resource Development and Delivery of Knowledge and Technology. He advocated the expansion of training and resident fellow programme in the strategic research areas.

Dr. B. R. Sharma, IWMI made a brief presentation on Water Resources as an engine of agricultural growth in India. He advocated the following initiatives:

- ✓ To establish inter-disciplinary "Centre of Excellence in Water Resource Management"
- ✓ To collaborate more aggressively with Public and Private Sector partners, mega programs and international agencies.
- ✓ To build human capacity to the cutting-edge level by ways of introduction of new courses/ syllabus improvements to include innovations, policy prescription and impact evaluation, pixel intelligence and smart ICT, climate modelling, natural hazards and disasters etc.
- ✓

The floor was opened for discussion. In response to a query, BI informed that it could support in the area of animal genetic resources also. IWMI was requested to include the problem of arsenic contamination in West Bengal for establishing a Centre of Excellence in BCKV. The greater opportunities available in extending the success of Green Revolution in Eastern & North-Eastern

India were highlighted. Greater emphasis for fodder development in the changing scenario was underlined.

Dr. Arvind Kumar DDG (Edn.) appreciated the focused deliberations and requested the agricultural universities to think way forward.

[Action: All VCs]

Dr. C. Devakumar, ADG (EPD) proposed the vote of thanks to the chair and all the participants from the universities, CGIAR institutes, senior officers from DARE and ICAR.

February 16, 2012 The VC Annual Conference

Dr. Arvind Kumar, Deputy Director General (Education), ICAR presented the welcome note. He briefly highlighted the initiatives taken by the ICAR to upscale the higher agricultural education in the country. He appreciated the progress made in schemes like funding for hostels and library etc. and that all the activities have to be completed by the end of this financial year. He said that a lot of measures have been taken up with regards to the students welfare, faculty development etc. and was optimistic about improving the agricultural education in the forthcoming XII Plan.

Dr. C.S. Chakrabarti, President, Indian Agricultural Universities Association in his address lauded the role of ICAR in promoting agricultural education and said that IAUA would continue to play a vital role in the process of improving agricultural education. He requested for a greater role from the Council for the IAUA.

Dr. S. Ayyappan, Secretary, DARE & DG, ICAR appreciated the services of VCs who completed their tenure during the year gone by and extended warm welcome to those who were attending the conference for the first time. He pointed out that six AUs have not provided the AUCs yet and the activities of the Plan have to be updated. He informed that the Hon'ble Deputy Chairman, Planning Commission had also shown concern to revisit the extension system in the country and thanked all for their concerted efforts for utilization of funds under RKVY and, making the seed production programme a success. He said that a Technology Forecast Centre is under consideration and felt that agricultural produce certification should be done at the level of AUs. National Agricultural Education Project has already been submitted to the Planning Commission. The database may be prepared for the technologies which are ready so that they could be taken up by entrepreneurs. He opined that in order to extend the knowledge-based agriculture we may have a model in each of the districts to display the technological knowhow. He emphasised that discussions may be held for introducing the diploma courses for skill development, credit exchange between the Universities and allocating 15% of the outlay for renovation of buildings.

Shri P.K. Pujari, Additional Secretary and F.A., DARE informed the House that XI Plan is at the verge of conclusion and requested the VCs of AUs to review the progress made, lessons learnt and way forward mechanisms and strategies.

Shri Rajiv Mehrishi, Additional Secretary, DARE & Secretary, ICAR in his remarks mentioned that the Council has issued a circular that as per the Constitution of India no organization can independently have any dealing with foreign agencies and that this responsibility solely lies within the domain of DARE. All universities are advised to refer all matters to international students/projects etc. with the DARE.

Dr C. Devakumar, ADG (EPD) made a presentation entitled "Agricultural Education: Access to Success". He highlighted the emerging issues on the future of higher education in the changing globalized economy. He also brought out a few silent points from the document called "*Transforming Agricultural Education for a Changing World*" published by National Academy's Press, U.S.A. He has submitted a set of options for innovation and institutional transformation. He highlighted certain innovative successful ventures being practiced at IITs. He listed some of the observations of the World Bank Independent Evaluation Group towards improving the vision and outlook of the universities. He also appealed for creating special cells both at the Council and in the universities for proper utilization of ICAR grants.

Many VCs appreciated the presentation and sought a copy for further discussion with their faculty.

[Action: All VCs]

The chairman invited general comments from the house.

Dr. B.S. Bisht, VC, GBPUA&T, Pantnagar informed the house about the efforts made by the University in the dissemination of technologies in the region and the progress made by the University.

Dr. M.L. Choudhury, VC, BAU, Sabour informed regarding the steps taken up by the State Government to upscale the agriculture education. He requested that BAU, Sabour may be included for the centrally funded research programmes.

Dr. V.K. Taneja, VC, GADVASU, Ludhiana requested that the MOUs signed by the University with foreign agencies in the past may be regularized. He felt that the technologies developed by the institutions may be popularized by them through Food *Melas*, exhibitions etc.

Dr. D.P. Ray VC, OUA&T, Bhubaneswar desired that the Council should continue the funding for modernization of AU farms and wanted funds be provided for renovation of infrastructure in the universities.

Dr. K.M. Bujarbaruah, VC, AAU, Jorhat informed that the university has started showcasing the technology in 13 districts and the State Departments have now joined hands. He felt the need to revive ad-hoc projects as funded by the Council earlier.

Dr. C.S. Prasad, VC, MAFSU, Nagpur felt that old buildings may be preserved as heritage buildings. The programme on modernization of AU farms may be continued in the XII Plan and the universities should go in for PPP mode. As the procedure for admission of foreign student is cumbersome, it should be simplified in order to attract more and more students. He also invited attention of the house towards performance linked funding and permission to the AUs for collaboration with foreign organizations like CGIAR as the Council is already having collaboration with them.

Dr. S.N. Puri, VC, CAU, Imphal pointed out that some of the Universities created later did not get the benefit of schemes of ZRS, CAU, Imphal being one of them may be considered for funding. He invited the attention on the issue of vocational training in NEH region as only 1% of the agriculture graduates remain in the villages to look after agriculture. Hence, through the vocational training, skilled manpower could be created to upscale the agriculture in the region. He was of the opinion that the persons involved in teaching UG courses may be included in development of course curricula for UG courses and the name of Deans' Committee be changed accordingly.

Dr. R.B. Lal, VC, SHIATS, Allahabad was of the opinion that the Council may formulate guidelines for AUs and industrial partnership. He requested that collaborations done by the AUs in the past may be approved. He suggested that a provision for appointing 25% teachers in the AUs from the ICAR central pool may be made in order to upscale the quality of teaching.

Dr. K. Narayana Gowda, VC, UAS, Bengaluru felt that vocational education may be given more attention. He reiterated that extension system has not failed but has become ineffective due to lack of manpower.

Dr. R.P. Singh, Secretary General, IAUA, New Delhi, referring to the MHRD's announcement for establishing 150 CUs in the country, felt that some of the old AUs may be converted into CAUs.

Dr. S.K. Sanyal, VC, BCKV, Nadia pointed out that modification of course curricula has covered a vast area in subjects, hence, provisions may be made for funding the comprehensive training to students. He requested that the programme on Niche Area of Excellence may be continued in the XII Plan and felt that an appropriate policy on strengthening ties with line departments from the Council may be of great help.

Dr. A.M. Shekh, VC, AAU, Anand pointed out that the fellowship provided to foreign students is not enough to sustain themselves and hence, suggested to increase the same.

Dr R.P. Singh, Director, Institute of Agricultural Sciences, BHU, Varanasi requested for ICAR support in opening of new Veterinary and Agricultural Engineering Colleges at its new campus at Mirjapur. He also suggested that the Council may create a dedicated unit for dealing with MoUs of AUs.

Dr. K.R.Viswambharan, VC, KAU, Thrissur requested for financial support to carry out the students'exchange programme. He was in favour of more autonomy in courses evaluation in the AUs. He suggested that in case of foreign students, tuition fee and college fee along with the bench fee be paid directly to the university and the fellowship be provided to the students in order to avoid hardship as being faced by the foreign students.

Dr. V. Prabhakar Rao, VC, SVVU, Tirupati suggested to have some non-degree programmes in the AUs and said that ad-hoc projects funding may be restored. He also suggested that old colleges should be provided support by the Council. The institutes of ICAR may function as visiting scientists to SAUs to help in teaching.

Dr. M.P. Pandey, VC, BAU, Ranchi requested that the university may be provided support for modernization as well as for research activities. He suggested that students from Dairy and Fishery Sciences may also be included for in-plant training allowances.

Dr. Murugesu Boopathi, VC, TNAU, Coimbatore was in favour of the Council providing one time grant to newly created universities for their establishment. He advocated for strengthening of Directorates of Research in AUs and providing Centre of Excellence to at least one KVK in each of the universities.

Dr. G. Kalloo, VC, JNKVV, Jabalpur suggested that analysis of convergence of different systems should to be done and all the programmes conducted in the AUs may be subjected to impact analysis. He was of the opinion that the projects viz. Modernization of AUs Farms and Mega Project on Seed Production of agricultural crops and Fisheries may be continued and felt that the Council may take up more and more such programmes in future and also rejuvenate the ICAR/AUs Regional Stations.

During the discussion on India-Africa Fellowship programme, the Additional Secretary, DARE & Secretary, ICAR made the following points.

- Steps have already been taken to increase the fellowship from Rs.12000-15000/- to Rs.15000-18000/- per month for Masters' and Doctoral programmes, respectively. He requested the VCs that the African students may be provided monthly fellowship within first two days of the month so that they do not face the hardship.

- The orientation programme for the African students is likely to be organized in March-April, 2012.
- A student is not found up to the mark in the first semester of his/her studies then we may send him/her back without completion of programme.
- That a single student should not be placed at any place as he/she may suffer from loneliness.
- Some of the students have conveyed difficulty due to the medium of instructions followed in the AUs, hence he suggested following English as the medium of instruction.

[Action: All VCs/ADGs (Edn.)]

Agenda 1: Confirmation of the proceedings

Agenda 1.1: The Annual Conference of the Vice Chancellors of Agricultural Universities and Interface with ICAR Directors held on 22-23 February, 2011

Since no comments were received, proceedings of the annual conference of the last VCs and Interface with ICAR Directors held on February 22-23, 2011 were confirmed.

Agenda 1.2: The last Special Interactive Meeting of Vice-Chancellors, Directors (Research), Directors (Extension) and Comptrollers of Agricultural Universities with Project Co-ordinators (AICRP) and Zonal Project Directors held on 26-27 September 2011

Since no comments were received, the proceedings of the last Special Interactive Meeting of Vice-Chancellors, Directors (Research), Directors (Extension) and Comptrollers of Agricultural Universities with Project Co-ordinators (AICRP) and Zonal Project Directors held on 26-27 September 2011 were confirmed.

Agenda 2: Action Taken Reports on the recommendations

Agenda 2.1: Vice Chancellors of Agricultural Universities and Interface with ICAR Directors held on 22-23 February, 2011

ADG (EPD) presented the Action Taken Report. It was accepted after discussion.

Agenda 2.2: Special VCs Meeting held on 26-27 September, 2011

ADG (EPD) presented the Action Taken Report which was accepted after discussion.

Agenda 3: Regarding furnishing AUC by the universities

The eight AUs who had not submitted their AUCs were requested to submit the same at the earliest as all activities like sanction of EL units, etc. must have to be completed by 31st March 2012. The DDG (Edn.) has informed that in XII Plan, a lot of measures would be taken with regards to students' welfare, teachers training and others under NAEP.

Agenda 4: Education Quality Reforms: Issues & Progress

Agenda 4.1: Counselling and Placement Cells in AUs

Dr. R.K. Mittal, ADG (EQR) informed that in the recent meeting of the Accreditation Board held under the Chairmanship of Secretary, DARE & DG, ICAR, it was recommended that "much

greater emphasis" is needed by all agricultural universities, on personality development and communication language.

Dr. Chandrasekhar, Director of Research, TNAU, Coimbatore to make a presentation about the Counselling and Placement Cell at TNAU Dr. Chandrasekhar depicted the structure, functioning, and output, and other related information on TNAU cell.

All the universities were requested to follow such modes in the creation and maintenance of effective student Counselling and Career Placement Cell.

[Action: All VCs]

Agenda 4.2 : Recommendations of Accreditation Board

ADG (EQR) informed that in the recent meeting of Accreditation Board held under the chairmanship of Secretary, DARE & DG, ICAR the following recommendations were made for due compliance by all concerned:

- (i) The funding to SAUs should be linked with its status of Accreditation.
- (ii) Any university making deviations from the procedure of appointment of VC as mentioned in Model Act, not having ICAR representative on Board of Management and Selection Committees for faculty and University Officers, not filling the statutory positions on regular basis, not having trinity of functions i.e. education, research and extension education, and not meeting the essential parameters for autonomy to university and college should not be provided accreditation and development grants by the Education Division, ICAR.
- (iii) A letter from Hon'ble Agriculture Minister to all Chief Ministers may be sent expressing concern about the inadequate funding and faculty in agricultural universities. The letter may emphasize on filling of the faculty positions and also, that the AUs must adhere to the Model Act for uniformity of structure and greater efficiency.
- (iv) A sensitization workshop may be organized for all possible members and chairmen of the Peer Review Teams regarding the process and requirements of accreditation, expectations from the review teams and the report contents.
- (v) There should be wider publicity of the mandate of Accreditation Board and, its need and procedures for quality assurance.

[Action: All VCs/ADG (EQR)]

Agenda 4.3: International Cooperation Programmes

ADG (EQR) mentioned that with the cooperation of agricultural universities, 88 African candidates and 10 Afghan candidates have so far been admitted in different AUs under India-Africa and India-Afghanistan Fellowship Programmes. Some other candidates are yet to join and also, the African Union has issued the third call for applications. The foreign students have expressed the following difficulties with regard to pursuing their education in Indian AUs, as follows-

- (i) Use of Hindi as medium of instruction: It is requested that in all AUs, particularly in the courses where foreign students are studying, the medium of instruction may be English only.
- (ii) Financial hardship due to delay in payment of fellowship: As has already been requested through letters, the universities are requested to facilitate the foreign fellows as follows:

- a) They may consider, as feasible, to make arrangements for pick up of the student(s) from the nearest airport for which, any expenditure made will be reimbursed to university, on demand, by the MEA through DARE.
- b) It has come to knowledge that some students are finding it difficult to pay the total fee at the time of admission. The university may therefore, allow admission to such students after taking an undertaking from them that the university fees, as applicable, will be paid by them later or deducted from their fellowship amount. As per the provisions of the Fellowship Scheme, each fellow will be paid Rs. 12,000/- p.m. for M.Sc. and Rs. 15,000/- p.m. for Ph.D. programme. All expenditure towards tuition fee, hostel fee, mess, medical, contingency and travel within the country etc. during the course will be borne by the student utilizing the consolidated fellowship amount.
- c) The university may inform the ICAR/DARE immediately after joining of the student(s) so that the bench fee and fellowship amount to be paid to the student may be sent by the DARE to the university immediately.
- d) In order to avoid hardship to the students, it is requested that the university may provide advance monthly fellowship to the African students from the corpus fund available with the university. This advance may later be adjusted from the fellowship grant provided by ICAR/DARE under this programme

[Action: All VCs]

Agenda 5: Education Planning & Development: Issues & Progress

Agenda 5.1: EPD Activities: An update

Dr. C. Devakumar, ADG (EPD) presented the agenda.

Vetting of Civil Plan and estimate of any work: Any civil work (new or repair) exceeding the cost of Rs. 10 lakhs must be vetted by Dir. (Works), ICAR. He presented the list of universities from which compliance of this action was pending. His presentation contained the following facts and suggestions:

- Many of the universities have not sent their AUC and demands for funds of NTS & RAWE.
- A few universities have not claimed the library grant.
- Responding to the time line indicated by the DDG (Edn.) for the submission of requisite document such as half yearly and annual reports, demand of grant and UCs/AUCs, many universities responded positively but all must comment to the same.
- Compliance by the universities can be improved with better follow up and governance.

[Action: All VCs]

Agenda 5.2: High Power Review Team to study the impact of ICAR Development Grant during X and XI Plans

ADG (EPD) informed that High Power Review Team under the chairmanship of Dr. S. L. Mehta, former Vice Chancellor, MPUAT, Udaipur was appointed by DG, ICAR vide letter no. F.No.7(15)/2007-EPD dated 22/6/2010. He thanked the universities for sending the proforma for this purpose separately for X and XI Plans. He informed the committee so far visited 22 universities, inspected the facilities created out of development grant, interacted with the cross section of the students and faculty and the interim report was great use in impressing the Planning Commission about the achievements made out of the ICAR development grant.. The committee is expected to meet for a mid-term review. He urged the universities to submit the following information with respect to X and XI Plans so that a comprehensive report could be prepared and submitted.

[Action: All VCs]

Agenda 5.3: Agri-sports and Agri-fest (2012-13)

The XII Agri-sports is being organised by the Dr. PDKV, Akola on 16-19 Feb., 2012. The XII Agri-fest slotted for 2011-12 could not be organised by GBPUAT, Pantnagar.

KVAFSU, Bidar and JNKVV, Jabalpur agreed to organise the Agri-sport and Agri-fest respectively, during the year 2012 -13. UAS, Dharwad and AAU, Jorhat have offered to host Agri-sports and Agri-fest, respectively in the year 2013-14. There is already an expression of interest for hosting Agri-sport in 2014-15 by DBSKKV, Dapoli.

[Action: KVAFSU, Bidar/ JNKVV, Jabalpur/ DBSKKV, Dapoli]

Agenda 5.4: Consultative Meet of the Deans

ADG (EPD) informed that the second consultative meeting of the Deans of AUs was hosted by SDAU, Dantiwada on 12-14 August, 2011. Generally, the response of the Deans had been too slow to make stay and transport arrangements. It was decided to discontinue the annual meet.

Agenda 5.5: XI Agricultural Science Congress

ADG (EPD) informed that the next Agricultural Science Congress will be hosted by OUAT, Bhubaneswar possibly in Jan., 2013. Suggestions for any theme or topic may be sent to NAAS, New Delhi or the convener Dr. D. P. Ray, Hon'ble VC, OUAT, Bhubaneswar.

[Action: All VCs]

Agenda 5.6: Feeding the nine billion population in 2050: Global Initiatives

ADG (EPD) presented the agenda. The challenges of feeding nine billion population by the year 2050 are receiving global attention. Lead papers have been published by Nature and Science journals. FAO, Global Forum for Agricultural Research and World Economic Forum have brought out road map/strategy papers on this topic. ADG (EPD) sought to make a brief presentation on 17th Feb., 2012.

Agenda 5.7: Human Resource Requirement: Way Forward

ADG (EPD) mentioned that the NAIP consortium involving NAARM and the Institute for Applied Manpower Research has made a set of useful recommendations for meeting the skilled and qualified human resource needs in various sectors of agriculture. The salient recommendations and the concomitant strategies to meet these demands were highlighted and the universities were asked to prepare action plan to meet the manpower requirement in different sectors by 2020.

[Action: All VCs]

Agenda 6: Human Resource Development: Issues & Progress

Agenda 6.1: Capacity development plan for the NARS faculty and staff

Dr. K. Sharma, ADG (HRD) informed that as a follow up of the decision taken in the meeting of Vice- Chancellor of Agricultural Universities held on 22-23rd February, 2011, the committee under the chairmanship of Dr. D. P. Ray reviewed issues related to Designing a Faculty and Staff Capacity Building Model and identified key issues surrounding the problems associated with regular and active capacity development plan for the NARS faculty and staff and the possible measures including modalities, infrastructure and budget estimates to address them. The

salient recommendations include establishment of a Faculty Development Centre at NAARM and the Centre for Faculty Excellence in AUs to institutionalize capacity building for academic excellence. NAARM will primarily focus on Foundation Course for newly recruited faculty, Management Development Programmes for mid-career faculty in Education Planning and Management, Executive Development Programmes for Senior faculty, Workshops and brainstorming sessions on education policy, planning and management while CFEs will facilitate faculty members to get need based training to excel as teachers, researchers, scholars, mentors, managers and leaders, besides offering a wide array of programs, resources and services for faculty. The VCs would nominate one of the Deans/Directors to lead the CFE as Nodal Officer (Faculty Excellence) and other staff. Further, the committee has recommended introducing a non-credit core course for PG students in teaching-learning effectiveness and educational technology to motivate students towards a teaching career. A provision of ₹ 100.00 lakhs for each AU in the XII Plan over the Plan period, which includes ₹ 50.00 lakhs towards infrastructure development for CFE and ₹ 10.00 lakhs per annum towards operational costs for deputing faculty for training (including international training over five plan years) has been suggested. It was also suggested to send a copy of the same to VCs of all AUs.

[Action: ADG (HRD), NAARM, VCs]

Agenda 6.2: Institutional strategy for development of high quality faculty based on expected competencies

ADG (HRD) mentioned that ICAR is providing catalytic support to meet the shortages in Skilled Human Resources in emerging areas like bioinformatics, functional genomics, disease diagnostics, quality seed production, climate change adaptations, nanotechnology, conservation agriculture, e-learning opportunities, educational technology etc. through summer/winter schools/short courses, CAFT trainings and NAARM programmes. The Council is aware of the need to progressively increase the rate of generation of high quality skilled human resources at all levels. New mechanisms would be developed in XII Plan to ensure that need based training is available to the widest possible section of the faculty. In order to exploit the existing intake capacity of various available training modules for optimum results, it is necessary that AUs should make an in-depth assessment of the training needs of the faculty in advance and depute/relieve them timely to join the on-going programmes.

[Action: All VCs]

Agenda 6.3: Presentation of the Report of Essential Qualifications and Degree Nomenclature Review Committee

ADG (HRD) informed that the committee constituted vide Office Order No.1 (11)/2009-Exam Cell (Part) dated 14th December, 2010 to review the Essential Qualification and Nomenclature of various degree programmes in vogue in Agricultural Universities (AUs) has finalized the report. Prof. R.B. Lal, Vice-chancellor, SHIATS, Allahabad, was the Convener of the committee. Some of the salient recommendations of the committee are as under:

- A uniform minimum age limit of 16 and 19 years should be followed for UG and PG admissions, respectively.
- The eligibility requirement of subjects studied at the entry level for UG/PG admissions should be widened to attract talented candidates across various subject streams.
- The existing minimum percentage of marks/CGPA/OGPA prescribed for undertaking All India Entrance Examinations for UG and PG admissions conducted by ICAR should be uniformly adopted.

- The nomenclature of various degrees in agriculture and allied sciences be made uniform across the ICAR-AU system as per the recommendations of the committee (Annexure I & II).
- Since some of the qualifications for Agricultural Extension discipline have been phased out, viz. Veterinary Extension/Dairy Extension/Fisheries Extension/Agricultural Communication in Agricultural Sciences by the Dr. Paroda Committee for review of ARS Disciplines, similar analogy should have been applied for the qualifications recommended for Agricultural Economics discipline at Annexure-III of the Report. The matter needs to be relooked by the Committee/ICAR.
- In light of the recommendations of Dr. R.S. Paroda Committee for ARS, the cut-off dates for phasing-out the disciplines, which are to be merged, may be decided by the respective Agricultural Universities in a manner that does not adversely affect the students who are already admitted in such disciplines/subjects.

Further, the committee was of the view that since B.Sc. (Hons.) Agriculture is now a four years' degree programme across the ICAR-AU system, and students undergo mandatory RAWE and experiential learning programme, therefore the same may be considered as a professional degree.

The committee advocated the implementation of these recommendations towards resolving the ambiguities arising on account of heterogeneous nomenclature of essential qualifications and degree programmes existing in AUs/NARS and bringing uniformity at the national level.

Agenda 7: The option of Hindi medium in higher education in agriculture as per the recommendation of Committee of Parliament on Official Languages

The Parliamentary Committee of Official Languages has recommended that:

- In addition to English, Hindi and other Indian languages will be made medium of teaching at the level of higher education.
- Option of Hindi medium in recruitment and entrance examination in agriculture and engineering may be provided.
- All Vice Chancellors are therefore, requested to initiate appropriate action accordingly.

[Action: All VCs]

Agenda 8: IAUA Agenda items

Agenda 8.1: Identifying areas of Excellence of SAUs based on Novel Strengths.

The report of the Dr. S. S. Chahal committee was presented. The committee in consultation with the universities has shortlisted the centers for Niche Area of Excellence. The universities may submit up to two proposals under NAE as per NAE guidelines to ICAR for further action.

[Action: All VCs]

Agenda 8.2: Requirement of Experiential learning programmes with perspective

Similarly, the universities may also submit proposals for establishing at least one Experiential Learning Unit per constituent college out of the modules identified by the task force.

[Action: All VCs]

Agenda 8.3- 8.4

The following points were raised and duly noted.

Agenda 8.3: Enhancement of CDA related grants etc.

Agenda 8.4: Enhancement of contingency grants for research works for the UG, PG & Ph.D. students

Agenda 8.5: Equivalence of PG Degree in Dairy Economics and Dairy Extension Education to PG degree in Agricultural Economics and Agricultural Extension Education, respectively

It was felt that the matter of equivalence may be dealt by the IAUA. Regarding integrated M.Sc. (Ag.) degree programmes at KAU, Thrissur, and equivalence of PG Degrees a Standing Committee comprising the following was constituted:

Dr. K. M. Bujarbaruah, VC, AAU, Jorhat Convener
D. S.S. Chahal, VC, MPUAT, Udaipur
Dr. S.N. Puri, VC, CAU, Imphal
Dr. Tej Pratap, VC, SKUAST-K, Srinagar
Dr. Dhiman, Dr. YSPUHF, Solan

The committee may submit its report by June, 2012

[Action: VC, AAU, Jorhat]

Agenda 9: From the AUs

Agenda 9.1: Capacity building of faculty

The capacity building of faculty at the entry level and on periodically continuous basis through training in need based cutting edge areas both in India and abroad was raised by the few universities. There was also suggestion to have a faculty training cell/centre in each university.

Agenda 9.2: Capacity building of students: Some ideas

It was suggested that there should be opportunity for bright students for short term training and sandwich programmes at the inter university level involving both national and foreign universities. Similarly, there could be short term industry exposure as internship for the students. It was informed that such a provision is already made under NAEP.

Agenda 9.3: Making Agricultural Education Attractive for Rural Students

The PAU model of "Catch them Young" for the six year degree programme immediate after the metric exam was highlighted as a success in catching more rural students.

Agenda 9.4: Issues related to international students

It was informed by the Additional Secretary, DARE that the matter has already been taken care of. Efforts are being made to absorb the tuition fee of such students from the bench fee.

Agenda 9.5: Issues related to examination and evaluation

The Committee was constituted to look into the matter.

Agenda 9.6: Centres of Excellence in various areas

Some universities suggested for the establishment of Centers of Excellence in certain strategic areas. It was informed that under R&D Policy for Agriculture, these points have been taken care of. For veterinary medicine IAUA was requested to look into the matter.

Agenda 9.7- 9.11

The following agenda items were raised and duly noted.

- Agenda 9.7: Benchmark standards for Departments/ Colleges
- Agenda 9.8: Nationwide Policy for study of Climate Change
- Agenda 9.9: Provision for Short term research project
- Agenda 9.10: Inter –institutional collaboration in PG studies
- Agenda 9.11: All India Coordinated Project on Agricultural Education

Agenda 9.12: Considering Sericulture under the area domain research of ICAR, New Delhi

UAS, Bangalore pointed out that in the Vice-Chancellors meeting held on 21st and 22nd November 2000, it was agreed in principle to consider Sericulture under area domain research of ICAR and explore the feasibility to incorporate sericulture subject in the next entrance examination (vide Proc. Referred above of item no. 5). ICAR is yet to take decision regarding including sericulture under its research domain. The point was noted to look into the matter.

Agenda 9.13: Programme for improving Quality of Agricultural Education

It was informed that the action on the matter has already been taken.

Agenda 9.14: Duration of Educational Tours under UG degree Programme

The educational tour of 21 days could be split-up into two tours: (i) All India Tour (15days) and (ii) State Educational Tour (as a part of RAWE) (10days) as existed earlier to 2007-08.

Agenda 9.15: Accommodation for Students and faculty member during All India Tour

The need for establishment of transit hostels in the main campus of the university was suggested for accommodating students from other campuses/universities during study tour/special assignments.

Agenda 9.16: e-Governance & e-Management

The point was noted for action.

Agenda 9.17: Inter-institutional exchange of Students and academicians for building HRD (HRD fellowship)

It was decided to work out on this issue for harnessing the capacity of students and academicians to understand the gravity of agricultural research problems being perceived by different sectors of farmers.

[Action: ADG (HRD)]

Agenda 9.18: Streamlining the qualifications for ARS/NET in Home Science: PAU, Ludhiana

A suggestion was put forth for streamlining the qualifications for ARS/NET in H.Sc. It was informed that the ARS/NET discipline of H.Sc. has been enlarged with a new name and the H.Sc. extension has also be included under agricultural extension.

Agenda 9.19: Review of NET requirement for the post of Assistant Professor and equivalent: RVSKVV, Gwalior

It was informed that the decision has already been taken on this matter.

[Action: ADG (HRD)]

Agenda 9.20: Rationalization of Grade pay to SMS of KVK's: RVSKVV, Gwalior

Since inception of KVKs under SAUs, all the Subject Matter Specialists recruited so far by SAUs are being treated on par with Assistant Professor and Scientist. Qualifications for the recruitment of Subject Matter Specialists have been same to that of Assistant Professor/Scientist. Therefore, the grade pay of Rs. 6000/- instead of Rs. 5400/- need to be granted to all Subject Matter Specialists in KVKs under SAUs. It was informed that the guidelines are being worked out by the Extension Division, ICAR.

[Action: DDG (Agril. Extn.)]

Agenda 9.21: Utilization Certificate for ICAR Grant to SAUs: KAU, Thrissur

The matter has already been covered earlier vide Agenda no. 3.

Agenda 9.22: Revolving fund for experiential learning programme: SVVU, Tirupati

Experiential learning programmes are part of the revised VCI, 2008 regulations for B.V.Sc & AH course that are intended to develop entrepreneurial skills in the students. Many programmes have been conceived and for their proper implementation ICAR may provide revolving fund to SAUs/Veterinary Universities. This was discussed and the points were noted for further consideration in XII Plan.

[Action: All VCs]

Agenda 9.23-28

The following agenda items were raised by the Hon'ble VCs and the points were duly noted.

Agenda 9.23: Increasing the number of Veterinary Graduates: SVVU, Tirupati

Agenda 9.24: Strengthening of Intellectual Property Rights Cell (IPR Cell) in SAUs: RAU, Pusa

Agenda 9.25: Setting up and strengthening of Educational Technology Cell in SAUs: RAU, Pusa

Agenda 9.26: Establishment of Bioinformatics Centre in SAUs: RAU, Pusa

Agenda 9.27: Creation of State Level Cadre (Family Development Officer) in Home Science: CCSHAU, Hisar

Agenda 9.28: Revival of the National Library Advisory Committee: GBPUAT, Pantnagar

Agenda 9.29: Krishi Prabha- Indian Agricultural Dissertations Repository: CCSHAU, Hisar

The NAIP Component I- All the doctoral dissertation submitted to SAUs/DAUs were to be digitalized and put in the public domain for online access. A database of 2000-2007 periods already on Meta Data of 7350. Full text of about 6000 doctoral dissertations has already been created and made accessible online to 120 consortia partners i.e. all SAUs/ DAUs/ICAR institutes. 18 consortia partners responded. The progress made under the programme was appreciated. The remaining AUs were requested to send the CDs in case not already sent.

Agenda 9.30-9.39

The following agenda items were raised by the Hon'ble VCs and the points were duly noted.

Agenda 9.30: Faculty of Home Science- Proposal for conduct of RRERWE (Regional Research and Extension for Rural Women Empowerment) - Requirement of Monitory support from ICAR: ANGRAU, Hyderabad

Agenda 9.31: Faculty of Home Science: Change of Nomenclature: ANGRAU, Hyderabad

Agenda 9.32: Teacher Training Experience of Home Science Students to be considered equal to B. Ed for Teaching in schools: ANGRAU, Hyderabad

Agenda 9.33: Revival of Adhoc projects under CESS: ANGRAU, Hyderabad

Agenda 9.34: Introduction of a new Course on 'Human Values' in UG Programmes: ANGRAU, Hyderabad

Agenda 9.35: HRD Centres In Home Science Colleges: ANGRAU, Hyderabad

Agenda 9.36: All India Entrance Examination in Agriculture: ANGRAU, Hyderabad

Agenda 9.37: Monitory Support to the Student's Innovation: ANGRAU, Hyderabad

Agenda 9.38: Student's National /International Exchange Programme: ANGRAU, Hyderabad

Agenda 9.39: Sales Centre / Commercial Establishment: ANGRAU, Hyderabad

Agenda 10: Bharat Nirman Volunteers: Ministry of Rural Development

Dr. Michael V. Siromany, Director, Rajiv Gandhi National Institute of Youth Development, Sriperumbudur made out a case for employing the youth. At the end of the fruitful discussion, the following two committees were constituted.

1. A committee to formulate recommendations on taking up vocational courses in AUs.

Dr. K. Narayana Gowda, VC, UAS, Bengaluru, Convenor
Dr. S.K. Sharma, VC, CSKHPKV, Palampur, member
Dr. D.P. Ray, VC, OUA&T, Bhubaneswar, member
Dr. P.Murugesu Boopathi, VC, TNAU, Coimbatore, member
Dr. K.E. Lawande, VC, Dr. BSKKV, Dapoli, member
Dr. V. Prabhakar Rao, VC, SVVU, Tirupati, member

The committee may submit its report by June, 2012

[Action: VC, UAS, Bangalore]

2. A committee to recommend guidelines on course/credit exchange between the universities

Dr. S.B. Dandin, VC, UHS, Bagalkot, Convenor
Dr. B.S. Dhillon, VC, PAU, Ludhiana, member
Dr. S.K. Sanyal, VC, BCKV, Nadia, member
Dr. G. Kalloo, VC, JNKVV, Jabalpur, member
Dr. R.B. Lal, VC, SHIATS, Allahabad, member

The committee would finalise its recommendations by June, 2012

[Action: VC, UHS, Bagalkot]

The session ended with vote of thanks to the chair, other participants and to the support personnel for their support in organising the conference.

List of Participants of the Annual Conference of AU Vice-chancellors and ICAR Directors

February 15, 2012

DARE Officials

1.	Dr. P.K. Pujari	Addl. Secy., & FA (DARE) DARE
2.	Shri Rajesh Ranjan	Director, DARE
3.	Shri Roopak Chaudhuri	US (IC-III), DARE
4.	Smt. Sumita Das Gupta	US (CG), DARE

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5.	Dr. Arvind Kumar	DDG (Edn.), KAB-II
6.	Dr. Swapan K Datta	DDG(CS), KB
7.	Dr. KD Kokate	DDG (Ag. Extn.), KAB-I
8.	Dr. MM Pandey	DDG (Engg.), KAB-II
9.	Dr. (Mrs) B Meenakumari	DDG (Fisheries), KAB-II
10.	Dr. AK Singh	DDG (NRM), KAB-II
11.	Dr. HP Singh	DDG (Hort), KAB-II
12.	Dr. KML Pathak	DDG(AS), Krishi Bhawan
13.	Dr. S. L. Goswami	Director, NAARM, Hyderabad
14.	Dr. Bangali Baboo	ND(NAIP), KAB-II
15.	Dr. T.P Trivedi	PD (DIPA), KAB-I
16.	Dr. C. Devakumar	ADG (EPD), KAB-II
17.	Dr. Kusumakar Sharma	ADG(HRD), KAB-II
18.	Dr. R. K. Mittal	ADG (EQR), KAB-II
19.	Dr. S. Mauria	ADG(IP&TM), KAB-I
20.	Prof. Srinivasan,	Professor & Prin. Scientist , NRCPB
21.	Dr. M. K. Agnihotri	Prin. Scientist, KAB-II
22.	Dr. Ranvir Singh	Prin. Scientist, KAB-II
23.	Dr. N. Rana	Sr. Scientist, KAB-II
24.	Dr. Vanita Jain	Sr. Scientist, KAB-II
25.	Shri Kanhaiya Chaudhary	DS (Edn.), KAB-II
26.	Shri. N. K. Arora	F&AO, KAB-II
27.	Shri Binod Toppo	US (Edn.), KAB-II

CGIAR Officials

28.	Dr. P.K. Joshi	Director I/c & Sr. Program Manager, IFPRI, NASC
29.	Dr. P.N. Mathur	Co-ordinator, APCAB, Biodiversity International, (Erstwhile IPGRI), NASC
30.	Dr. Raj Gupta	CIMMYT, NASC
31.	Dr. R. Chaudhary	Consultant, ICARDA, NASC
32.	Dr. JK Ladha	IRRI Representative, IRRI, Indian Liaison Office, NASC
33.	Shri M. L. Jat	CIMMYT, NASC
34.	Shri Vijay Kumar Marthi	IRRI
35.	Dr. P.P. Ficarelli	ILRI, NASC
36.	Dr. RK Khetarpal	Regional Director, CABI South Asia - India, NASC
37.	Dr. B.R. Sharma	IWMI India Office, International Water Management, Institute, NASC
38.	Dr. C.L.L. Gowda	ICRISAT, NASC

University Officials

39. Dr. C. S. Chakrabarti President, IAUA & Vice-Chancellor, West Bengal University of Animal & Fishery Sciences, Kolkata
40. Dr. Matthew Prasad Vice-chancellor, Uttarakhand University of Horticultural & Forestry, Bharsar,
41. Prof. Asit Kumar Das Vice-chancellor, Uttar Banga Krishi Viswavidyalaya, P.O. Pundibari, Cooch Behar
42. Dr. A.P. Singh Vice-chancellor, U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidyalaya Evam Go Anusandhan Sansthan, Mathura
43. Dr. P. Murugesu Boopathi Vice-chancellor, Tamil Nadu Agricultural University, Coimbatore
44. Dr. B. Mishra Vice-chancellor, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Jammu
45. Dr K. Sreedharan Vice-chancellor, Sardarkrushinagar-Dantiwada Agricultural University, Sardarkrushinagar, Dantiwada
46. Dr. C.S. Prasad Vice-chancellor, Maharashtra Animal & Fishery Sciences University, Seminary Hills, Nagpur
47. Prof. Suresh S Honnappagol Vice-chancellor, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar
48. Dr V.K. Taneja Vice-chancellor, Guru Angad Dev Veterinary and Animal Science University, Ferozpur Road, Ludhiana
49. Dr. K.R. Dhiman Vice-chancellor, Dr.Y.S. Parmar University of Horticulture & Forestry, Nauni, Solan
50. Dr. S. K. Sanyal Vice-chancellor, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur

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51. Dr. R. Kashyap OSD to VC, CCS Haryana Agricultural University, Hisar
52. Dr. Sushant Srivastava Nodal Officer, Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad
53. Dr. Malvika Dadlani Joint Dir. (Research), IARI

54.	Dr. A.K. Srivastava	Director, National Dairy Research Institute, Karnal
55.	Dr. A. Chandsekaran	Director Research, Tamil Nadu Agricultural University, Coimbatore
56.	Dr. A. S. Bali	Director Research, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Jammu
57.	Dr. S. S. Gosal	Director Research, Punjab Agricultural University, Ludhiana
58.	Dr. S. M. Chahal	Director Research, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar
59.	Dr. A. Jalaludeen	Director of Research, Kerela Veterinary & Animal Sciences University, Kerela
60.	Dr. J.V. Dhruj	Director of Research, Junagadh Agriculture University, Junagadh
61.	Prof. B. Raju	Director of Education/ Dean PGS, University of Horticultural Sciences, Bagalkot
62.	Dr. Gurdial Singh	Dean, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar
63.	Dr. M. B. Chetti	Dean (Agriculture), University of Agricultural Sciences, Dharwad
64.	Dr. V. S. Shinde	Dean (Agriculture), Marathwada Agriculture University, Parbhani
65.	Dr. R. K. Doharey	Assoc. Prof., Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad
66.	Dr. M. Srivastava	Assoc. DSW, Chandra Shekar Azad University of Agriculture & Technology, Kanpur

List of Participants of the Annual Conference of AU Vice-chancellors and ICAR Directors

(Contd.)

February 16, 2012

ICAR Officials:

1. Dr. S. Ayyappan Secretary (DARE) & DG, ICAR
2. Sh. Rajiv Mahrishi Addl. Secy. DARE & Secy., ICAR
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4. Dr. Arvind Kumar DDG (Edn.), KAB-II
5. Dr. Swapan K Datta DDG(CS), KB
6. Dr. KD Kokate DDG (Ag. Extn.), KAB-I
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13. Dr. A.K. Srivastava Director, National Dairy Research Institute,
Karnal
14. Dr. M C Sharma Director, Indian Veterinary Research Institute,
Izatnagar
15. Dr. W S Lakra Director, Central Institute of Fisheries
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16. Dr. C. Devakumar ADG (EPD), KAB-II
17. Dr. R. K. Mittal ADG (EQR), KAB-II
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39. Dr. R. P. Mishra ND, NAIP, KAB-II
40. Dr. K. Vijayaragavan Joint Director, Indian Agricultural Research
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41.	Shri Chandra Joshi	Director, ICAR
42.	Dr. V. P. Chahal	Prin. Scientist, KAB-I
43.	Dr. M. K. Agnihotri	Prin. Scientist, KAB-II
44.	Dr. Vinod Kumar	Prin. Scientist, KAB-II
45.	Dr. Ranvir Singh	Prin. Scientist, KAB-II
46.	Shri Dinesh Kumar	Prin. Scientist, Field Crops, ICAR
47.	Dr. Sanjeev Sharma	Prin. Scientist, ICAR
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50.	Dr. Vanita Jain	Sr. Scientist, KAB-II
51.	Dr. A. S. Mishra	Sr. Scientist (TC), ICAR
52.	Sh. Kanhaiya Chaudhary	DS(Edn.), KAB_II

University Officials

Vice-chancellors

53.	Dr. C. S. Chakrabarti	President, IAUA & Vice-Chancellor, West Bengal University of Animal & Fishery Sciences, Kolkata
54.	Dr. Matthew Prasad	Vice-chancellor, Uttarakhand University of Horticultural & Forestry, Bharsar,
55.	Prof. Asit Kumar Das	Vice-chancellor, Uttar Banga Krishi Viswavidyalaya, Cooch Behar
56.	Dr. S.B. Dandin	Vice-chancellor, University of Horticultural Sciences, Bagalkot
57.	Dr. B.V. Patil	Vice-chancellor, University of Agricultural Sciences, Raichur
58.	Dr. R.R. Hanchinal	Vice-chancellor, University of Agricultural Sciences, Dharwad
59.	Dr. K. Narayana Gowda	Vice-chancellor, University of Agricultural Sciences,
60.	Dr. A.P. Singh	Vice-chancellor, U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidyalaya Evam Go Anusandhan Sansthan, Mathura
61.	Dr. P. Murugesu Boopathi	Vice-chancellor, Tamil Nadu Agricultural University, Coimbatore
62.	Dr. A.K. Dahama	Vice-chancellor, Swami Keshwanand Rajasthan Agricultural University, Bikaner
63.	Dr. V. Prabhakar Rao	Vice-chancellor, Sri Venkateswara Veterinary University, Tirupati
64.	Dr. Tej Pratap	Vice-chancellor, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Shalimar Campus, Srinagar
65.	Dr. B. Mishra	Vice-chancellor, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Jammu
66.	Dr K. Sreedharan	Vice-chancellor, Sardarkrushinagar-Dantiwada Agricultural University, Dantiwada
67.	Dr. Arvind Kumar Bakshi	Vice-chancellor, Sardar Ballabh Bhai Patel Univ. of Agriculture & Technology, Meerut
68.	Dr. R.B. Lal	Vice-chancellor, Sam Higginbottom Institute of Agriculture, Technology & Sciences, Rewa Road, Allahabad

69.	Prof. V.S. Tomar	Vice-chancellor, Rajmata Vijayraje Sciendia Krishi Vishwa Vidyalaya, Gwalior
70.	Prof. Ajay Kumar Gahlot	Vice-chancellor, Rajasthan University of Veterinary & Animal Sciences, Bijey Bhavan Place Complex, Bikaner
71.	Dr B.S. Dhillon	Vice-chancellor, Punjab Agricultural University, Ludhiana
72.	Prof. Debi Prasad Ray	Vice-chancellor, Orissa University of Agriculture & Technology, Bhubaneswar
73.	Dr. R.S. Kureel	Vice-chancellor, Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad
74.	Dr. Milka Singh Aulakh	Vice-chancellor, Manyavar Shri Kanshiram Ji University of Agril. & Technology, Banda (U.P)
75.	Dr. C.S. Prasad	Vice-chancellor, Maharashtra Animal & Fishery Sciences University, Seminary Hills, Nagpur
76.	Dr. S.S. Chahal	Vice-chancellor, Maharana Pratap University of Agriculture and Technology, Udaipur
77.	Dr. Govind Prasad Mishra	Vice-chancellor, Madhya Pradesh Pashu Chikitsa Vigyan Vishwavidyalaya, Jabalpur
78.	Prof. B. Madhusoodana Kurup	Vice-chancellor, Kerala University of Fisheries & Ocean Studies, Papangad, Kochi
79.	Sh. K.R. Viswambharan	Vice-chancellor, Kerala Agricultural University, Thrissur
80.	Prof. Suresh S Honnappagol	Vice-chancellor, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar
81.	Prof. Gautam Kalloo	Vice-chancellor, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur
82.	Dr. S.K. Patil	Vice-chancellor, Indira Gandhi Krishi Vishwavidyalaya
83.	Dr V.K. Taneja	Vice-chancellor, Guru Angad Dev Veterinary and Animal Science University, Ludhiana
84.	Dr. B.S. Bisht	Vice-chancellor, G.B. Pant University of Agriculture & Technology, Pantnagar
85.	Dr. K.R. Dhiman	Vice-chancellor, Dr.Y.S. Parmar University of Horticulture & Forestry, Nauni, Solan
86.	Dr. Kisan E. Lawande	Vice-chancellor, Dr.Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,
87.	Dr. S.K. Sharma	Vice-chancellor, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur
88.	Dr. G.C. Tewari	Vice-chancellor, Chandra Shekhar Azad University of Agriculture & Technology, Kanpur
89.	Dr. S. N. Puri	Vice-chancellor, Central Agricultural University, Imphal
90.	Dr. M.P. Pandey	Vice-chancellor, Birsa Agricultural University, Kanke, Ranchi
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92.	Dr. S. K. Sanyal	Vice-chancellor, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur
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