



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

**Dr. G.C. Tewari
Assistant Director General (EPD)**

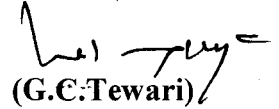
Tel (O): 011-2584-1559
(R): 011-2624-1281
FAX: 011-2584-3932
Email: gctewari@icar.org.in

F.No. 20 (1)/2008-EP&D

Dated : 13th March, 2009

**Subject:- Vice-Chancellors' Conference was held on 16-17 February, 2009 at NASC
Complex New Delhi-Proceedings-regarding.**

Please find enclosed herewith the proceedings of the Vice-Chancellors' Conference was held on 16-17 February, 2009 at NASC Complex, Dev Prakash Shastri Marg, New Delhi-110012. It issues with the approval of D.G., ICAR.



(G.C:Tewari)

Assistant Director General (EPD)

Distribution:

- 1 All Vice-Chancellors of SAUs/CUs/DUs/CAU
- 2 Sr. PPS to D.G. ICAR, Krishi Bhawan.
- 3 Secretary, ICAR, Krishi Bhawan.
- 4 FA, DARE, Krishi Bhawan.
- 5 Chairman, ASRB, KAB-I.
- 6 Secretary, Dept. of Agricultural & Cooperation,/Secretary, Dept. of Animal Hus.
Dairying & Fish, Krishi Bhawan.
- 7 Advisor (Agril), Planning Commission
- 8 All DDGs/ND, NAIP.
- 9 All ADGs of Education Division.
- 10 ADG (PIM)/ ADG (IPR)/ ADG (ESM& Cdn)/ADG(TC)
- 11 Director (Fin.) /Director (Per.)/Director, (Works)/ Director, (OL)/ Director (Fin-
NAIP)/Project Director, (DIPA).
- 12 Directors of ICAR Institutes.
- 13 Dr N K Tyagi, Member, ASRB, KAB-I
- 14 Dr M J Modayil, Member, ASRB,KAB-I
- 15 Mr. Arvind Pratap Singh, Project Executive, FICCI, Federation House, New Delhi
- 16 President, IAUA/ Secretary, IAUA, NASC, New Delhi-12
- 17 National Professors.

Proceedings

Conference of the
Vice Chancellors
of
Agricultural Universities

16 – 17 February 2009

Held at

*National Agricultural Science Center, Dev Prakash Shastri Marg,
New Delhi – 110012*



Education Division

Indian Council of Agricultural Research
New Delhi

Agenda Items

Agenda	Item
1	Confirmation of the proceedings of VCs' Conference held on February 16-17, 2009,
2	Action Taken Report on the recommendations of VCs' Conference held on Jan 19-20, 2008
3	Restructuring Post-Graduate curricula and syllabi
4	Issues in the management of Plant genetic Resources
5	Performance Assessment of Agricultural Universities
6	Revision of ICAR Model Act for Agricultural Universities
7	Parameters for Accreditation of Agricultural Universities
8	Implementation of All India Coordinated Research Project on Integrated Farming Systems NAIP: Up-to-date progress and implementation issues
10	ICT-Initiatives under NAIP
11	XI Plan Initiatives of Education Division, ICAR
12	Modernization of Agricultural Universities' Farms
13	Increasing constituent colleges vs. affiliating private colleges for enhanced access to higher agricultural education
14	Utilizing RKVY provisions for expansion of teaching research capability of SAUs in identified priority areas
15	Possible collaboration between SAUs and ICAR Institutes
16	Items proposed by the Universities
16.1	Moving or Visiting faculties of SAUs
16.2	E-Governance and ERP for SAUs
16.3	Review of NET examination system
16.4	Replacement of vehicles under ICAR development grant
16.5	Modernization and mechanization of AUs research farms
16.6	Media Centre
16.7	ICAR scholarship for students of Masters and Doctoral Courses
16.8	Strengthening Veterinary Education in Veterinary Institutes
16.9	Adoption of career advancement of technical personnel working in SAUs: Approval of committed financial liability (75% by ICAR)
16.10	Filling up of vacant posts in teaching & research
16.11	Support for repair/renovation of buildings including scientists' quarters
16.12	Development of KVK Farms
16.13	Students' admission in B.Sc.(H) Home Sci irrespective of group at Intermediate level
16.14	Inclusion of Home Science in school education
16.15	Provision of RKVY funds to SAUs extension units
17	Role of Information & Communication in Agriculture: ICAR Efforts
18	Organizing the AgriSports and AgriFest
19	Development grant: Effective utilization and other related issues
20	Alternative methods of selection of scientists
21	General issues

Programme
16 February 2009

10.00 hrs	Inaugural Session
11.45 hrs	Tea
12.00 hrs	Introductory remarks by the DG, ICAR
12.10 hrs to	Agenda 1: Confirmation of the proceedings of the last VCs Conference held on 19 - 20 January 2008: <i>ADG (EPD)</i>
12:15 hrs	
12.15 hrs	Agenda 2: Action Taken Report on the recommendations of VCs Conference held on 19 - 20 January 2008: <i>ADG (EPD)</i>
12.15 hrs	Agenda 3: Restructuring Post-Graduate curricula and syllabi, Dr. J. C. Katyal
13.15 hrs	Lunch
14:00 hrs	Agenda 4: Issues in the management of Plant Genetic Resources, Dir, NBPGR
14.30 hrs	Agenda 5: Performance Assessment of Agricultural Universities, Dir (NAARM)
14.45 hrs	Agenda 6: Revision of ICAR Model Act for Agriculture Universities, ADG (EQR)
15.15 hrs	Agenda 7: Parameters for accreditation of Agricultural Universities, ADG (EQR)
15.30 hrs	Agenda 8: Implementation of All India Coordinated Research Project on Integrated Farming Systems, DDG (NRM)
15:40 hrs	Tea
16.00 hrs	Agenda 9: NAIP: Up-to-date progress & implementation issues, ND (NAIP)
16.10 hrs	Agenda 10: ICT-Initiatives under NAIP, ND (NAIP)
16.20 hrs	Agenda 11: XI Plan Initiatives of Education Division, ICAR, DDG (Edn.)
16.30 hrs	Agenda 12: Modernization of Agricultural Universities' Farms, ADG (EQR)
16.40 hrs	Agenda 13: Increasing constituent colleges vs. affiliating private colleges for enhanced access to higher agricultural education, ADG (EQR)
16.50 hrs	Agenda 14: Utilizing RKVY provisions for expansion of teaching research capability of SAUs in identified priority areas, <i>DDG (Edu)</i>
17.00 hrs	Agenda 15: Possible Collaboration between AUs and ICAR Institutes, ADG (EQR)
19.30 hrs	Dinner

Programme

17 February 2009

09.30 hrs	Agenda 16.1: Moving or Visiting faculties of SAUs, JAU, Junagarh
09.40 hrs	Agenda 16.2: E-Governance and ERP for SAUs, Junagarh
09.50 hrs	Agenda 16.3: Review of NET examination system, Junagadh
10.00 hrs	Agenda 16.4: Replacement of vehicles under ICAR development grant, Junagadh
10.10 hrs	Agenda 16.5: Modernization and mechanization of AUs research farms, Junagadh
10.20 hrs	Agenda 16.6: Media Centre, Junagadh
10.30 hrs	Tea
10.50 hrs	Agenda 16.7: ICAR scholarship for students of Masters and Doctoral Courses, SVPUAT, Meerut
11.00 hrs	Agenda 16.8: Strengthening of Veterinary Education System in Veterinary Institutes, GADVASU, Ludhiana
11.10 hrs	Agenda 16.9: Adoption of career advancement of technical personnel working in SAUs- Approval of committed financial liability (75% by ICAR), CSSHAU, Hisar
11.20 hrs	Agenda 16.10: Filling up of vacant posts in teaching & research, AAU, Jorhat
11.30 hrs	Agenda 16.11: Support for repair / renovation of buildings including scientists' quarters, AAU, Jorhat
11.40 hrs	Agenda 16.12: Development of KVK Farms, MPUAT, Udaipur
11.40 hrs	Agenda 16.13: Students' admission in B.Sc.(H) Home Sci irrespective of group at Intermediate level
11.40 hrs	Agenda 16.14: Inclusion of Home Science in school education
11.40 hrs	Agenda 16.15: Provision of RKVY funds to SAUs extension units
11.50 hrs	Agenda 17: Role of Information & Communication in Agriculture – ICAR Efforts, PD, DIPA
12.20 hrs	Agenda 18: Organizing the AgriSports and AgriFest, ADG (EPD)
12.25 hrs	Agenda 19: Development grant: Effective utilization and other related issues ADG (EPD)/ Dir (F)
13.00 hrs	Agenda 20: Alternative methods of selection of scientists, ASRB
13.10 hrs	Agenda 21: General issues: All AUs
	Lunch
	Valedictory Function
15.00 hrs	Welcome and summing up of the deliberations: Dr. S.P. Tiwari, DDG (Edn)
15.10 hrs	Address: the Secretary, DARE & DG, ICAR
15.50 hrs	Vote of thanks: ADG (EPD)
16:00 hrs	The conference concludes

Proceedings of the Agricultural Universities' Vice Chancellors Conference held on 16 - 17 February 2009

Annual Conference of the Vice Chancellors (VCs) of the State Agricultural Universities (SAUs), Central Agricultural University (CAU) and VCs / Directors of the Deemed Universities (DUs) was held at the National Agricultural Sciences Centre, Dev Prakash Shastri Marg, New Delhi during February 16-17, 2009.

Hon'ble Union Minister of the Agriculture, Food, Public Distribution and Consumer Affairs, Govt. of India Shri Sharad Pawar Ji inaugurated the conference on 16th February 2009. Shri Kanti Lal Bhuria Ji, MoS (A), Sh. T. Nand Kumar, Secretary, Dept. of Agricultural & Cooperation, Min. of Agril., Sh. N. Gokul Ram, Secretary, Dept. of Animal Hus., Dairying & Fisheries, Min. of Ag, and Dr. Mangala Rai, Secretary DARE & DG, ICAR graced the inaugural session along with Dr. Anwar Alam, President, Indian Agricultural Universities Association (IAUA), Dr. S. P. Tiwari, DDG (Education), ICAR, Dr. S. A. Patil, Director IARI and Dr G. C. Tewari, ADG (EPD), ICAR. The Vice Chancellors of the SAUs and CAU and Directors of the DUs; Deans and Directors of the SAUs/CUs, the Chairman and the members of the ASRB, DDGs, ADGs of and other senior officers of the ICAR participated in the Conference (Annexure I).

Dr. S. P. Tiwari, DDG (Education), ICAR, in his welcome address highlighted the agenda for the deliberations of the Conference, which besides other subjects included "Restructuring Post-Graduate curricula and syllabi". He briefly stated that the funding has been increased and several new initiatives including that on "Modernization of AU Farms" have been taken consequent upon the CCEA approval for the XI Plan. About a dozen of new initiatives with enhanced funding and educational reforms were noted by him to coincide with the completion of 50 years of formal higher agricultural education in the country. Sh. T. Nand Kumar, Secretary, Department of Agriculture & Cooperation in his address emphasized the need for reorientation in approaches by AUs to meet present challenges, technical backstopping by AUs for RKVY and the renewed efforts on agricultural extension. Shri N. Gokul Ram, Secretary, Department. of Animal Husbandry, Dairying & Fisheries presented in brief the activities and programmes of his Department. *Dr. S A Patil, Director, Indian Agricultural Research Institute*, gave a brief account of the introduction and theme of the felicitation/award for Basmati rice improvement. The "Felicitation of scientists/ other contributors involved in basmati rice variety/ hybrid improvement" by the Hon'ble AM followed thereafter which was a unique feature of the VC Conference this year.

Dr. Mangala Rai, Secretary DARE & DG, ICAR, in his address, stressed the importance of the VC conference and said that this forum has continually served the cause of the ICAR-AU System of higher agricultural education in an effective partnership mode. He presented a brief account of the new programmes like Modernization of AU Farms, funding to century-old historical agricultural colleges, Sports Complex, Educational Museums, Overseas Fellowships, faculty exchange, Guest, and Adjunct Faculty, Personality Development, Counseling of students, Tutorials for SC/ST students etc. as approved for the XI Plan. He appreciated the AUs for implementing the revised Under-Graduate curricula and syllabi and desired to quickly finalize the fine-tuning and implementation of Post-Graduate curricula and syllabi from the next academic session. Dr. Rai also informed the august gathering

that nearly 58% of the ICAR budget is going to SAUs. He stated that a significant increase in the education budget has been brought about in the XI five-year plan. He stated that while continuing to address the challenges of emergent nature, the AUs should not lose sight of long-term goals that may have a long gestation period as is usual with agriculture research to fructify.

Shri Kanti Lal Bhuria, Hon'ble MoS (A) in his address appreciated the AUs for their efforts in producing quality human resource required for research, education and extension activities in the field of Agriculture and allied sciences. He said that Indian subcontinent is the richest reservoir of biodiversity and commercialization of discoveries emerging from such efforts may help in technological empowerment of the country. He stressed the need to create IPR awareness and expertise in scientists and students through specific courses and training. *Shri Bhuria said that agricultural education needs periodic revamping to maintain its relevance. The need is to reorient courses for students and provide real-life project situation, he said. The youth should possess the required skills in consonance with contemporary and futuristic needs of job markets and confidence for establishing self-employment.*

Union Minister of Agriculture Sri Sharad Pawar congratulated all the scientists and other contributors involved in 'Basmati' rice improvement who were conferred with citations and cash awards for the excellent work they have done in regard to 'Basmati' rice improvement. He also congratulated the Kerala Agricultural University, Thrissur; Mahatma Phule Krishi Vidyapeeth, Rahuri, University of Agricultural Sciences, Dharwad, and Dr Punjabrao Deshmukh Krishi Viswa Vidyalyaya, Akola for having received the Performance Prizes. He urged the congregated Vice-Chancellors to bring strategic transformation in agricultural research, education and development systems for an accelerated and inclusive growth in agriculture. He stated that the promise made in the VC's Conference at Pantnagar has been fulfilled and, as demanded, a new initiative on "Modernization of AU Farms" has been approved with an outlay of Rs. 422 crores. Consequent upon expeditious clearance of the CCEA, this project has been operationalized from this year itself.

Hon'ble Agriculture Minister appreciated the singular and massive exercise of PG Course Curricula revision undertaken by the Education Division of the Council in the wake of new cutting-edge technologies and demanding global scenario. The revised PG Course Curricula on adoption would greatly help in further making the higher agricultural education more utilitarian and relevant in tune with the scientific and technological advancements and the demands of growing economy of the country. He also emphasized on integrated farming systems, promoted through an ICAR network project, along with addressing the challenges of degradation of natural resources and climate change. He showed his satisfaction with the functioning of experiential learning units and niche areas of excellence programmes started by the Council to serve the cause of excellence and unifying knowledge and skill in education. Another new initiative i.e. "Overseas Fellowships" was perceived by the Minister as a much needed mechanism to serve a dual objective, namely, (i) facilitating education of Indian nationals in one of the best University abroad, and (ii) facilitating admissions of foreign students in Indian AUs towards demonstrating the strength of Indian agricultural system at global level. He stated that the development grant to AUs has been increased to address the needed support particularly for developing

infrastructure and undertaking major refurbishing works. He said that in view of rapidly increasing number of girl students, up-to 2 girls' hostels to each AU are to be provided in XI Plan along with other girls-related amenities.

Dr. Anwar Alam, President, Indian Agricultural Universities Association (IAUA), appreciated the ICAR for enhanced financial, technical and policy support to AUs and proposed the Vote of Thanks.

Technical Session

Dr. Mangala Rai, Secretary, DARE and D.G. ICAR, while chairing the technical session, appreciated the services of VCs and Directors of ICAR, DUs who completed their tenure during the year gone by and extended warm welcome to the VCs / Directors who were attending the conference for the first time. The regular agenda was taken up thereafter.

Agenda 1: Confirmation of the proceedings of the last VCs Conference held on 19 - 20 January 2008

The proceedings of the last Vice Chancellors' Conference held on 19 - 20 January 2008 were taken as confirmed by unanimous agreement of the house.

Agenda 2: Action Taken Report on the recommendations of VCs conference held on 19 - 20 January 2008

The house noted with satisfaction the actions taken by the Council and all concerned on the recommendations of the VCs' Conference held last year. Certain issues emanated from the discussion on the ATR as given below:

The VCs unanimously voiced to continue with the NET as an essential requirement for appointment to all the post of Assistant Professor and equivalent even for the PH.D. holders in such subjects where NET examination is held. Equivalence of ICAR Net with the NET conducted by the UGC and CSIR will be respected. DG suggested that IAUA may consider to hold the NET examination. ASRB was requested to maintain the regularity in the conduct of examination, quick declaration of results and dispatch of certificates.

Action: All VCs/ ASRB/ IAUA

Agricultural education is a state subject. The states should support the SAUs through a separate budget line, wherever not done so. All VCs and IAUA may work towards speedy implementation to this effect.

Action: All VCs/ IAUA

Agenda 3: Restructuring Post-Graduate curricula and syllabi

Dr. J. C. Katyal, Vice Chancellor, CCSHAU, Hisar and Chairman of the ICAR's National Core Group (NCG) presented detailed report on "Restructuring Post-Graduate curricula and syllabi". The report is an outcome of the NCG constituted

by the ICAR in July 2007 with the mandate to revisit the course curricula, recommend new courses and suggest uniform academic regulations and degree nomenclature. The NCG had 12 expert members representing agriculture and allied subjects and was supported by 18 Broad Subject Matter Area Committees (BSMAC) each comprised of 8-10 expert members. Each BSMAC was responsible for scripting course curricula of three to six assigned subject areas in consultation with the stakeholders. BSMAC Reports were reviewed by a Review Committee that consisted of 18 VCs or academicians with equivalent status. About 1000 academicians were thus involved in the revision process. He presented recommendations related to Academic Regulations on National Standards of PG AE, National Course Curricula; Degree nomenclature, Coding system, Curricula organization and Course content along with general recommendations. The details were hoisted on the ICAR website and are available in the sub-menu 'Revision of PG Course Curricula and Syllabi' on the website i.e. www.icar.org.in. The presentation evoked lot of interest that led to discussions on Restructuring Post-Graduate curricula and syllabi. Broadly, the group was appreciative of the efforts made by the team but was of the view that the operative part is to be worked out for the implementation of the recommendations. DG, ICAR concluded that the further *comments / suggestions regarding the restructuring may be communicated to the Education Division, ICAR within 15 days. The National Core Group, with the opted members if necessary, would revisit the recommendations based on the suggestions given by the Vice Chancellors in the Conference and also, received in another 15 days. The revised document may be finalized within two months so that the revised Post-Graduate curricula and syllabi may be implemented from the ensuing academic session.*

Action: All VCs / ADG (EQR)

Agenda 4: Issues in the management of Plant Genetic Resources

The agenda was presented by the NBPGR. The issues like sharing Bioresources with foreign agencies, registration of extant notified varieties and farmers varieties, designation of Indian germplasm of crops of Annex I for exchange under the International Treaty for Plant Genetic Resources for Food and Agriculture (ITPGRFA), Feed back information on utilization of Plant Genetic Resources, Import of trait specific germplasm, Collaboration and License Agreement between SAUs and Private Companies for R & D to Develop Varieties/ Hybrids were detailed for the benefit of the AUs. It was pointed out that the process of registration (Protection) of Extant- notified and new varieties with the PPV&FR Authority has been facilitated by NBPGR. Most of the AUs have designated Nodal Officers for preparation and submission of application of notified varieties to PPV& FRA through NBPGR. A consultation meeting of all Nodal Officers was conducted by NBPGR in May 2008, but the response from some of the AUs was poor. *It was recommended that the process needs to be expedited for submission of application of all extant notified varieties released during last 15 years pertaining to 14 crops notified by Authority. It was suggested that registration of Farmers varieties also needs to be facilitated by Nodal Officers of AUs, who should facilitate submission of application of Farmers / Farmer organizations by helping them with forms and registration process, The KVKs can also play an important role in the regard. It was suggested that the AUs may develop R&D collaborations with Indian privates companies for production of*

varieties/ hybrids of different crops. The AUs should however, develop MOUs having saving clauses and also as per the ICAR Guideline on IP Management and Technology Transfer which are available on the website of ICAR (www.icar.org).

Action: All VCs / Director NBPGR

Agenda 5: Performance Assessment of Agricultural Universities

Director, NAARM presented the agenda. He informed that a National Brainstorming Workshop on Performance Assessment of Agricultural Universities was organized by the NAARM on September 5-6, 2008 which was attended by the 28 Delegates from 19 institutions. The objectives of the workshop included: Finalize broad areas of performance indicators and weightages, Finalize measurable parameters under each indicator and their weightages, Evolve consensus on performance assessment or rating, Evolve a suitable methodology and Explore suitable modalities for mechanism for generation of relevant data. The workshop proposed to undertake performance /assessment rating of SAUs - with 8 x 3 matrix (3 stands for Input, Process and Output; 8 stands for Teaching, Research, Extension, Organization and Management, Social Relevance, Resource Generation, Infrastructure, Networking and Collaboration). The subject generated detailed discussion on performance parameters and the weightages thereof. *It was recommended that All the AUs may appoint a Nodal Officer for this purpose; AUs to conduct Workshops at regional level, and NAARM will help in sensitizing the AUs; the data for performance assessment should be provided by the AUs through self-study reports; the process of standardization and validation of structured formats for data generation to be completed during the next six month; and NAARM will facilitate the process of performance assessment by developing the methodology.*

Action: All VCs/ Director (NAARM)

Agenda 6: Revision of ICAR Model Act for Agriculture Universities

ADG (EQR) while presenting the agenda informed that for enhancing the uniformity of structure, governance and efficiency of the AUs in the context of emerging challenges, the ICAR Model Act was revised through a Committee. The final draft was presented in the Accreditation Board Meeting held on July 29, 2008. After incorporating the suggestions of the Accreditation Board, the draft was placed on ICAR website for comments of the AUs that were largely in agreement of the draft. After the needed improvisation of minor nature the revised Model Act was presented by him. In the revised Model Act, (i) the provisions of all chapters including definitions, territorial jurisdiction, admissions to the universities, powers and functions of the university, councils/bodies and officers of the AU have been rationalized, (ii) composition of the Board of Management modified and one representative of state legislative bodies such as assembly, council or any autonomous/ para-statal body nominated by the Government included as a member, (iii) in the three member Search Committee for Vice Chancellor, one nominee of the Government is now included replacing the Chairman, UGC or his nominee, (iv) Academic, Research and Extension Councils have been modified and the Registrar and Comptroller included as permanent invitee, (v) integration of education, research and extension emphasized, and (vi) the composition and

objectives of State Coordination Committee/ Council for higher Agricultural Education in the States having more than one AU, been redefined.

The recommendations were highly appreciated and accepted in principle unanimously by all. Further, eventual adoption of PG course curricula was also agreed for by the VCs unanimously. Nevertheless, some suggestions for further improvement were made that will be imbibed in the Course Curricula and finalized by the end of May, 2009 by the extant NCG by co-opting members, if so needed. The revised P.G. course curricula will be adopted from the ensuing session of the agricultural universities. Education Division may look into logistics towards this end.

Action: All VCs/ ADG (EQR)

Agenda 7: Parameters for accreditation of Agricultural Universities

The ADG (EQR) made a presentation comprising the laid out criteria and procedures for accreditation of the AUs and also, the proposed eight quantifiable parameters with their key aspects/indicators. After a detailed discussion, *it was opined that some additional parameters like status of Experiential Learning Units, student exchange programme, student–teacher ratio, gender sensitization, implementation of Best Teacher award scheme, implementation of Career Advancement scheme etc may also be included as key aspects/indicators, and the parameters may be reprioritized and ascribed with the appropriate/differential value. The parameters may be finalized by incorporating these suggestions and also, those received in another 15 days time.*

Action: All VCs/ADG (EQR)

Agenda 8: Implementation of All India Coordinated Research Project on Integrated Farming Systems

The agenda was presented by the DDG (NRM). He briefed that the Integrated Farming System Project is being launched at 31 locations in the country. Out of 31 locations included in the project, 25 are from the AICRP on Cropping Systems Centers. The locations are spread all over the country (covering almost all SAUs). He informed that the Integrated Farming System will have a multidisciplinary approach involves crop husbandry, livestock, horticulture, vegetable, goatry / piggery / fishery / apiculture / mushroom / sericulture / rabbitry etc depending upon the locations. Cropping system which used to be the mainstay of the AICRP till yet, will now be only a component of the overall integrated system. The combinations will vary with the agro-ecological conditions. He said that the present provisions of manpower under AICRP on Cropping System is restricted only to Agronomy, Soil and Economics and to meet the mandatory requirement of the situation, two contractual manpower in livestock and other allied disciplines have been provided as technical support. After the discussion, *it was recommended that (i) Post Harvest aspect may also be included in the programme, (ii) the programme may not include any brand new component, (iii) the components may be such that they have synergy and not exclusive and researchable component may include new avenues based on the natural resource present in the region.*

Action: DDG (NRM)

Agenda 9: NAIP: Up-to-date progress and implementation issues

The ND (NAIP) briefed the house regarding the development in NAIP programme for the information for all the AUs. The *issues flagged requiring immediate attention by the AUs included: (i) the financial management manual as available on ICAR web-page needs to be critically seen and implemented, (ii) The AUCs 2007 – 08 are to be made available and audited annual accounts to be submitted by 30.6.2009 by the empanelled CAs, (iii) low utilization of funds is a serious concern which needs to be attended, and (iv) immediate outputs are to be documented and submitted.*

Action: All VCs

Agenda 10: ICT-Initiatives under NAIP

The ND (NAIP) briefed the house regarding the development in ICT-Initiatives under NAIP for the information for all the AUs. He told that NAIP has approved several ICT initiatives relating to e-learning [*e-courses in B.Sc (Agriculture), B.V.Sc and A.H, B.Sc (Hort.) and B.F.Sc, B.Sc. (Home Science) degree programmes*] dynamic agro-website, e-resources in agriculture (CeRA), Krishi Prabha, redesigning the farmer-extension-agriculture research/education continuum with ICT mediated knowledge management, development of Central Data Center and Secured Intranet etc. The others in the pipeline include establishing commodity portal, library information system, market intelligence etc which are at different stages of implementation. *It was desired to require complete understanding, full participation and active cooperation for maximum utilization by the system.*

Action: All VCs

Agenda 11: XI Plan Initiatives of Education Division, ICAR

The ADG (EPD) highlighted various XI Plan initiatives taken in the field of agricultural education. He informed that the approved allocation of the Education Division is Rs. 2585 crores in comparison to Rs 1019.85 crore for the X Plan. The XI Plan allocation comprises (i) Rs 2276.65 crore for the scheme “Strengthening and Development of Higher Agricultural Education in India”, (ii) Rs. 38.35 crores for NAARM, Hyderabad, and (iii) Rs. 170.00 crores for Special Grants to AUs. He presented a brief account of the new programmes like Modernization of AU Farms, funding to century-old historical agricultural colleges, Sports Complex, Educational Museums, Overseas Fellowships, faculty exchange, Guest, and Adjunct Faculty, Personality Development; Counseling of students; Tutorials for SC/ST students etc approved under XI Plan for the first time for implementation in AUs. The AUs appreciated the new initiatives and *it was added to work out the feasibility of funding institutions which have completed 50 years of their establishment on the similar pattern of funding to century-old historical agricultural colleges. Also, It was opined that implementation of restructured Post-Graduate curricula and syllabi will require additional funding to AUs, the possibility of which needs to be explored.*

Action: DDG (Edu.)/ All VCs

Agenda 12: Modernization of Agricultural Universities' Farms

The ADG (EQR) highlighted that the project envisages enhancing the breadth, relevance and quality of education, training and research through modernization of instructional and research farms of the agricultural universities. Under this, a one-time grant to SAUs and CUs with agriculture faculty would be provided for promoting excellence, enhancing relevance and quality of education, training and research and augmenting supply of research products with concomitant resource generation. The grant will be for (i) works related to farm structures and facilities including up-gradation/renovation and (ii) implements/equipments for the AU Farms. For the modernization, the existing land and infrastructure pertaining to the main AU Campus, to start with, would be used. Eventually, such colleges in multi-campii University and regional station of the AUs could also be included which have regional potential strength in terms of resources including land and manpower along with strategic importance. An action plan comprising activity milestones, time frame, and monitorable targets along with demand (spread over three years i.e. 2008-09, 2009-10, and 2010-11) has been obtained from all the AUs for rationalizing the distribution of the grant. He apprised that the grant for the current financial year (2008-09) has already been released to the AUs. *It was recommended that the AUs may ensure effective and full utilization of this year's allocation for the specific purpose of farm modernization. Further, the concern was expressed about the threats to the existing area of farms in AUs, existence of very small farms in some newly established AUs and allocation of grant proportionate to farm area.*

Action: All VCs

Agenda 13: Increasing constituent colleges vs. affiliating private colleges for enhanced access to higher agricultural education

ADG (EQR) while putting the agenda explained that several AUs are having affiliated colleges and thus, not conforming to the provisions of the ICAR Model Act. It was opined after the discussion that *the AUs should increase the access to higher agricultural education by opening more constituent colleges rather than affiliating private colleges. Further, the AUs may avoid making any reference to their affiliated private college(s) for getting accredited by the ICAR.*

Action: All VCs

Agenda 14: Utilizing RKVY provisions for expansion of teaching research capability of SAUs in identified priority areas

DDG (Edu) while putting the agenda explained the provision of additional sum of Rs.500 crores carved out of the RKVY provisions by the Planning Commission to cater to the needs for expansion of teaching facilities and enhancing research capability of SAUs in identified priority areas. He stated that this fund is to be used as complementary funding through proposals submitted by State Government / State Agriculture Universities for the purpose, including any time-bound research or proposals received from SAUs on strategic research. *It was suggested that States and SAUs (through State) might effectively avail of funds under RKVY by formulating appropriate proposals.*

Action: All VCs

Agenda 15: Possible Collaboration between AUs and ICAR Institutes

ADG (EQR) presented the Agenda. After a detailed discussion it was recommended that: (i) After the PG students have fulfilled the minimum residential requirements for a degree course in an AU, the research work for thesis may be permitted to be carried out at an ICAR Institute also as appropriate and if so required. This arrangement may be decided by the AU and concerned ICAR Institute on case to case basis on mutually agreed terms. The student will be entitled to draw the fellowship which he is holding during this period, (ii) those scientists of ICAR Institutes who pursue Ph.D. degree course in an AU, may complete only the course work and the minimum residential requirement in the AU and may come back to the respective ICAR Institute or any other ICAR institute after due approval for research work towards partial fulfillment of the PG degree course. In such cases, the fellowship / assistantship will ceased to be extended to the candidate once the candidate joins back on duty in the ICAR Institute, (iii) the concept of extended faculty, nationally and globally, may be promoted; the scientists of the ICAR Institutes may be taken as guide / co-guide for PG thesis work, and the foreign experts who are visiting India for international meetings / seminars / conferences / symposia etc. may be beforehand requested for the purpose so that with very judicious expenditure, the cause may be served, (iv) the exchange of faculty on the basis of mutual benefit between the AUs may be facilitated and (v) the Academic Councils of the AUs may include the Director of the ICAR Institute based in the region as member.

Action: All VCs/ Directors of ICAR Institutes

Agenda 16.1: Moving or Visiting faculties of SAUs

The JAU, Junagadh presented the Agenda. It was explained that non availability of adequate proficient faculty is a major constraint for sustainable growth of quality education in AUs. It was proposed that some percentage of faculties of each SAUs should be treated as moving or visiting faculties that will visit other SAUs to know and gain the experience shared by the scientists of other University. *It was pointed out that faculty exchange and Guest / Adjunct Faculty is already an approved new budget line under the ICAR scheme on "Strengthening and Development of Higher Agricultural Education in India" in XI Plan.*

Action: All VCs

Agenda 16.2: E-Governance and ERP for SAUs

The JAU, Junagadh presented the Agenda. It was explained that administration and management of education, research and other activities of the SAUs needs to be upgraded especially in context to E-Governance and Entrepreneur Resource Planning for efficiently and better management of academic, research and finance related matters. *It was pointed out that the proposed activity is already covered under the ICAR scheme on "Strengthening and Development of Higher Agricultural Education in India" in XI Plan.*

Action: All VCs

Agenda 16.3: Review of NET examination system, Junagadh

Presenting the agenda, the JAU, Junagadh representative stated that the NET papers required re-look particularly in context of General Agriculture / Knowledge paper. *It was pointed out that the ASRB has already addressed this issue and quality checks have also been imposed in the NET Examination.*

Action: All VCs

Agenda 16.4: Replacement of vehicles under ICAR development grant

The JAU, Junagadh presented the Agenda. It was pointed out that in so far as the ICAR schemes are concerned, the replacement of vehicles may be undertaken as per norms subject to availability of budget as communicated vide ICAR letter F. NO. 12(4)2007.CDN.(A&A) dated 2nd January, 2009.

Action: All VCs

Agenda 16.5: Modernization and mechanization of AUs research farms

The agenda was presented by the JAU, Junagadh. The need for modernization of AU Farms was felt. *It was pointed out that the issue has been addressed under the “modernization of AU Farms” that is already an approved new budget line under the ICAR scheme on “Strengthening and Development of Higher Agricultural Education in India” in XI Plan.*

Action: All VCs

Agenda 16.6: Media Centre

The agenda on the need of establishing a Media Center under the Directorate of Extension Education of each AU was presented by the JAU, Junagadh. *It was informed that there is a specific budget line for the purpose under strengthening of Directorate of Extension Education under KVK which can be made use of. Also, the funding under the existing head “e-resources” of the scheme “Strengthening and Development of Higher Agricultural Education in India” may be appropriately utilized to support some specific e-resource related activities for the purpose.*

Action: All VCs

Agenda 16.7: ICAR scholarship for students of Masters and Doctoral Courses

The SVPUAT, Meerut presented the agenda advocating the need for the ICAR scholarship to the PG students who are admitted to AUs for their Masters and Ph. D. Thesis. *It was suggested that there is already a provision for Junior Research Fellowship (for Masters programme) and Senior Research Fellowship (for Ph. D. programme) available and regular admissions are going on through All India Tests.*

Action: All VCs

Agenda 16.8: Strengthening of Veterinary Education System in Veterinary Institutes

The GADVASU, Ludhiana presented the Agenda explaining the need for periodic revision and up-gradation of Infrastructure and manpower, curriculum and training, curriculum delivery, evaluation system and professional development in order to ensure uniform standards of veterinary education and training of veterinary graduates. *It was pointed out that the suggestions, except curriculum delivery, have been covered and taken care of in PG course curricula revision. The PG education in the area of veterinary, however, falls under the purview of VCI and may be taken care of accordingly.*

Action: All VCs

Agenda 16.9: Adoption of career advancement of technical personnel working in SAUs- Approval of committed financial liability (75% by ICAR)

It was brought about that it is for the university and State Govt. concerned to adopt or not to adopt a certain set of recruitment and promotion rules. The issue pertains to service conditions of the non-teaching employees of the AUs, and has been dealt with on file by the concerned Personnel Section (as it is not covered under the activities of the Education Division of the ICAR). The Personnel Division of the ICAR conveyed that the recruitment and control of the university staff deployed for operation of AICRP project is in accordance with relevant university rules. In regard to the teaching staff deployed by the university against the scientific posts of AICRP project under operation in the university, ICAR has decided to bear the additional financial liability on account of promotion of teaching staff under the career advancement scheme of UGC. However, ICAR does not have a similar policy in regard to non-teaching staff. Personnel Division further conveyed that the competent authority has approved that if any university decides to adopt those recruitment and promotion rules which are applicable to technical employees working in ICAR Institutes, the entire additional financial liability will have to be borne by the concerned university and the State Govt. with no liability to ICAR. Accordingly, the agenda item was dropped.

Agenda 16.10: Filling up of vacant posts in teaching & research

The Agenda was put up by the AAU, Jorhat stressing the need for the immediate steps to fill up the large number vacant posts in the teaching and research cadres in order to maintain quality education and research in AUs. *It was suggested that the AUs may follow-up the issue urgently with the State Government in the light of the letter written by the President IAUA to Agriculture Ministers in this regard.*

Action: All VCs/ President, IAUA

Agenda 16.11: Support for repair / renovation of buildings including scientists' quarters

AAU, Jorhat presented the Agenda. *It was pointed out that the AAU, Jorhat is getting substantial development grant as it is located in the NEH Region. AAU will*

continue to get this support. It was suggested that this grant may be efficiently utilized for the coveted purpose as per specific sanction.

Action: The VC, AAU, Jorhat

Agenda 16.12: Development of KVK Farms

This agenda was presented by VC MPUAT, Udaipur to accord flexibility for AUs to make use of allocated / approved provision of ICAR grant for modernization of instructional / research farms to modernize KVK farms also. *It was categorically made clear that no such deviation of funds will be made to KVKs as this funding is exclusively for the modernization of instructional / research farms of AUs only and not of KVKs..*

Action: All VCs

Agenda 16.13: Students' admission of in B.Sc. (H) Home Science irrespective of group at Intermediate level

Agenda 16.14: Inclusion of Home Science in school education

Agenda 16.15: Provision of RKVY funds to SAUs extension units

The three items were sent by the ANGRAU, Hyderabad as supplementary Agenda. *It was pointed out that the ICAR supports higher agricultural education which remains to be a state subject and so is the school education. Provisions of RKVY have already been covered. AUs should increasingly benefit from the provisions.*

Action: All VCs

Agenda 17: Role of Information & Communication in Agriculture: ICAR Efforts

PD (DIPA) presented the agenda. He explained the importance/contribution of ICT to the national agricultural development, and achievements and new initiatives of ICAR in this area. He related to establishment of Video Conferencing and IP-Telephony facility at selected ICAR Institutes connected on ICAR-ERNET network, networking of 200 KVKs, ICAR Data Center, standardization of websites, e-Publication, open access publication etc. Action plan for providing enhanced bandwidth connectivity (100 Mbps-1000 Mbps) covering 58 ICAR institutions and AUs in Phase-1, 60 Institutions in Phase-2 and 157 institutions in Phase-3 was also informed. He emphasized that infrastructure development; security and management of IT resources are the prime challenges. He stated that scope also exists for (i) Up-scaling of Infrastructure including computers, servers, network equipment, and Internet bandwidth, (ii) Implementation of effective security solutions including, anti-virus, firewall, Intrusion Detection and Prevention system, anti-spam, Unified Threat Management Systems, (iii) Proper training for Network and Server Management to staff at Institutes and (iv) Standby internet connection from VSNL for all the institutes. *The initiatives were noted by all the VCs / Directors with appreciation.*

Action: All VCs

Agenda 18: Organizing the AgriSports and AgriFest,

ADG (EPD) presented the agenda. It was informed that the following AUs will host the AgriSports and AgriFest events during the years 2009 and 2010.

AgriSports : MAU, Parbhani: 2009; KAU, Thrissur: 2010
AgriFest : AAIDU, Allahabad: 2009; AAU, Anand: 2010

The Chancellor JNKVV Jabalpur informed the house about the preparations related to the organizing AgriSports event in March 2009 and requested for the whole-hearted representation by all the AUs.

Action: All VCs

Agenda 19: Development grant: Effective utilization and other related issues

ADG (EPD) while presenting the Agenda informed that the developmental grant for the year stands released almost in full except the settlement of some bills of minor nature. It was also informed that the actual utilization of grant has also improved in the current year (98% from 82% earlier). Further, no audit utilization pertaining to preceding year (2007-08) is pending. It was requested that full utilization of special grants particularly in case of PAU, Ludhiana may be carried out. *DG, ICAR was appreciative about the utilization of development grant requested all the AUs is helping to attain higher heights. The implementation of revised PG course curricula may be expedited. It was also stated by the DDG (Education) that there should be a strict monitoring of grant utilization to ensure that funds are well utilized and no funds are returned as unspent. Priority needs to be given for the construction of hostel for girls. It was desired that the revalidation of the unspent balance in case only non-recurring contingency will be permitted only if specific request by individual AU is there with full justification and that too with a time limit i.e. latest by May of the succeeding year.*

Action: All VCs

Agenda 20: Alternative methods of selection of scientists

Member (ASRB), Dr. Tyagi, presented the brief information and initiatives of the ASRB in regard to alternative method of recruitment to ARS based on the concept of "catch them young." He opined that selection, training and retention of talent are critical to the sustenance of any system. For the last 35 years ASRB is recruiting people at entry level and also at lateral level on competitive basis. He mooted the unique proposal for selection of about 5-10% candidates to ARS service through campus/zonal interviews from SAUs by the Board on the basis of the well defined criteria that will be developed, debated, got approved and adopted. The candidates will be selected at final year of the Bachelors degree programme, based on academic merit and level of excellence. They will be provided with ARS fellowship and placed/educated trained at the best departments of AU, again evaluated at various stages of Ph.D. and if found satisfactory directly inducted into ARS service. He also mentioned that the NET results of 2008 are out and nearly 3000 candidates are available for recruitment in different departments. He suggested that a brief presentation from ASRB should become a regular feature in the forthcoming VC conferences for mutual interaction between the Board and the AUs. *The suggestions which emerged out of the discussion are: (i) The idea proposed by ASRB is novel and needs to be fine-tuned and implemented at national level, (ii) While selecting the candidates, potential available at every AU should be tapped, (iii) The AUs may send their views, if any, within 15 days to the ASRB towards finalizing the proposal, and (iv)*

There will a standing agenda item for ASRB presentation in the VC conference henceforth.

Action: All VCs/ASRB

Agenda 21: General issues

Suggestion was made for providing funds for the development of information system generation / data base at SAUs. It was informed that such system was there earlier at IASRI which was initiated through a specific project but with the completion of that project, information could not be updated further.

Action: ADG (EQR)

It was suggested that possibility of joint accreditation by ICAR and ICFR for Forestry Colleges in AUs needs to be worked out as ICFR also supports accreditation for such colleges. The suggestion was welcomed and further critical examination advocated.

Action: ADG (EQR)

Presently the performance awards to AUs are based on maximum number of students getting JRF. It was suggested that appropriately it needs to be based on the proportion/percentage of students getting JRF as AUs widely differ in regard to intake capacity of the students and the large AUs benefit more from the present system. The suggestion was welcomed for consideration.

Action: ADG (HRD)

Concluding the deliberations, DG, ICAR Dr. Mangala Rai appreciated the yeoman service rendered by the personnel and components of the ICAR-AU system. He further stated that the outcome of these endeavours have commenced to be realized and would be more pronounced in the years to come through spread-effect.

The House gave standing ovation to the DG, DDG (Education) and ADG (EPD) in recognition of their stupendous contributions and more so in view of their superannuation slated during this year.

The Conference ended with a vote of thanks to the chair.

List of Participants of the Vice-Chancellors Conference 2009 (February 16-17, 2009)

A. Vice Chancellors of SAUs/DUs/CAU/CUs			
No.	Name	Designation	Address
1	Dr. B. C. Bhowmick	Vice-Chancellor	Assam Agricultural University, Jorhat-785013
2	Dr. P. Raghava Reddy	Vice-Chancellor	Acharya NG Ranga Agricultural University, Hyderabad-500030
3	Dr. D.V.G.Krishna Mohan	Vice-Chancellor	Sri Venkateswara Veterinary University, Tirupati – 517502
4	Dr. S. D. Shikhamany	Vice-Chancellor	AP Horticulture University, Venkataramanagudem, West Godawari
5	Dr. M. L. Choudhary	Vice-Chancellor	Rajendra Agricultural University, Pusa-848125
6	Shri Serjius Minj	Vice-Chancellor	Indira Gandhi Krishi Viswa Vidyalaya, Raipur- 492012
7	Dr. M. C. Varshneya	Vice-Chancellor	Anand Agricultural University, Anand -388110
8	Dr B. K. Kikani	Vice-Chancellor	Junagarh Agricultural University, Junagarh-362001
9	Dr R. P. S. Ahlawat	Vice-Chancellor	Navsari Agricultural University, Navsari-396 450
10	Dr. R.C. Maheshwari	Vice-Chancellor	Sardar Krushinagar Dantiwada Agricultural University, Dantiwada - 385506
11	Dr. J. C. Katyal	Vice-Chancellor	Chaudhary Charan Singh Haryana Agricultural University, Hisar- 125004
12	Dr. Tej Partap	Vice-Chancellor	Ch. Sarwan Kumar Krishi Viswa Vidyalaya, Palampur- 176062
13	Dr. K. R. Dhiman	Vice-Chancellor	Dr. Yashwant Singh Parmar University of Horticulture & Forestry, Solan- 173230
14	Dr. B. Mishra	Vice-Chancellor	Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu-180004
15	Dr. Anwar Alam	Vice-Chancellor	Sher-e-Kashmir University of Agricultural Sciences & Technology, Srinagar-191121
16	Dr. N.N. Singh	Vice-Chancellor	Birsa Agricultural University, Ranchi-834006
17	Dr. P.G. Chengappa	Vice-Chancellor	University of Agricultural Sciences, Bangalore-560065
18	Dr. J. H. Kulkarni	Vice-Chancellor	University of Agricultural Sciences, Dharwad-580005
19	Dr. S. S. Honnappagol	Vice-Chancellor	Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar - 585401
20	Mr K.R. Viswambharan	Vice-Chancellor	Kerala Agricultural University, Thrissur-680656
21	Dr. G. Kalloo	Vice-Chancellor	Jawaharlal Nehru Krishi Viswa Vidyalaya, Jabalpur-482004
22	Dr Vijay Singh Tomar	Vice-Chancellor	Rajmata Vijayaraje Scindia Krishi Viswa Vidyalaya, Gwalior - 474002
23	Dr. Vijay Mehta	Vice-Chancellor	Dr Balaesahib Sawant Kokan Krishi Vidyapeeth, Dapoli-415712
24	Dr. S. S. Kadam	Vice-Chancellor	Marathwada Agricultural University, Parbhani-431402
25	Dr. R. B. Deshmukh	Vice-Chancellor	Mahatma Phule Krishi Vidyapeeth, Rahuri-413722
26	Dr. V M Mayande	Vice-Chancellor	Dr Punjabrao Deshmukh Krishi Viswa Vidyalaya, Akola - 444104
27	Dr. D.P. Ray	Vice-Chancellor	Orissa University of Agriculture & Technology, Bhubaneshwar- 751003
28	Dr. V.K. Taneja	Vice-Chancellor	Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana- 141004
29	Dr. Pratap Narain	Vice-Chancellor	Maharana Pratap University of Agriculture & Technology, Udaipur-313001
30	Dr. Pratap Narain	Vice-Chancellor	Rajasthan Agricultural University, Bikaner-334002
31	Dr. P. Thangaraju	Vice-Chancellor	Tamil Nadu Veterinary & Animal Sciences University, Chennai-600051
32	Dr V.P. Kanaujia	Vice-Chancellor	Chandra Shekhar Azad University of Agriculture & Technology, Kanpur- 208002
33	Dr. M.L. Madan	Vice-Chancellor	Deen Dayal Upadhaya Veterinary & Animal Sciences University, Mathura - 281001
34	Dr. Basant Ram	Vice-Chancellor	Narendradeo University of Agriculture & Technology, Faizabad- 224229
35	Dr. M. P. Yadav	Vice-Chancellor	Sardar Ballabh Bhai Patel University of Agriculture & Technology, Meerut – 250110
36	Dr. B. S. Bisht	Vice-Chancellor	Govind Ballabh Pant University of Agriculture & Technology, Pantnagar- 263145
37	Dr R. K. Samanta	Vice-Chancellor	Bidhan Chandra Krishi Viswa Vidyalaya, Mohanpur-741252
38	Dr. A.K. Das	Vice-Chancellor	Uttar Bang Krishi Viswa Vidyalaya, Coochbehar-736165
39	Dr. C.S. Chakrabarti	Vice-Chancellor	West Bengal University of Animal & Fishery Sciences, Kolkata-700037
40	Dr. S.N. Puri	Vice-Chancellor	Central Agricultural University, Imphal, Manipur-795004
41	Dr. S.A. Patil	Director	Indian Agricultural Research Institute, New Delhi- 110012
42	Dr. A. K. Srivastava	Director	National Dairy Research Institute, Karnal-132001
43	Dr. Dileep Kumar	Director	Central Institute of Fisheries Research, Mumbai-400061
44	Dr. R.B. Lal	Vice-Chancellor	Allahabad Agricultural Institute Deemed University, Allahabad-211007

B. Other Officers of SAUs/CAUs/CUs/DUs			
No.	Name	Designation	Address
46	Dr. B.C. Chowdhary	Director Research	Rajendra Agricultural University, Pusa-848125 (Bihar)
47	Dr. S.S. Rao	Ass Director Res	Indira Gandhi Krishi Viswa Vidyalaya, Raipur- 492012
48	Dr. A.R. Pathak	Director Research	Anand Agricultural University, Anand -388110
49	Dr D. C. Joshi	Dean	Anand Agricultural University, Anand -388110
50	Dr. D.B. Kuchhadya	Director Research	Junagarh Agricultural University, Junagarh-362001
51	Dr. H.C. Pathak	Director Research	Navsari Agricultural University, Navsari-396 450
52	Dr. R.S. Dalal	Registrar	Chaudhary Charan Singh Haryana Agricultural University, Hisar- 125004
53	Dr. S.S. Pahuja	Director Research	Chaudhary Charan Singh Haryana Agricultural University, Hisar- 125004
54	Dr. Pradeep K Sharma	Dean PG	Ch. Sarwan Kumar Krishi Viswa Vidyalaya, Palampur- 176062
55	Dr. R.M. Bhagat	DRI cum Dean	Sher-e-Kashmir University of Agricultural Sciences & Tech, Jammu-180004
56	S.L. Sharma	Dy. Comptroller	Sher-e-Kashmir Uni of Agricultural Sci & Technology, Jammu-180004
57	Dr S.S. Hussain	Director Research	Sher-e-Kashmir University of Agricultural Sci & Tech, Srinagar-191121
58	Dr B.N. Singh	Director Research	Birsa Agricultural University, Ranchi-834006
59	Dr. H.V. Nanjappa	Dean PGS	University of Agricultural Sciences, Bangalore-560065
60	Dr. B.M. Khadi	Dean PGS	University of Agricultural Sciences, Dharwad-580005
61	Dr. Rama Naik	Dean RHSc	University of Agricultural Sciences, Dharwad-580005
62	Dr. M.B. Chetty	Dean Agriculture	University of Agricultural Sciences, Dharwad-580005
63	Dr. B.V. Patil	Special Officer	University of Agricultural Sciences, Raichur-Karnataka
64	Dr. P.K. Ashokan	Dir Acd & PGS	Kerala Agricultural University, Thrissur-680656
65	Dr. P.S. Lokhar	Director Extension	Maharastra Animal & Fisheries. Sciences University, Nagpur-440006
66	Dr A.S. Jadhav	Dean Agriculture	Mahatma Phule Krishi Vidyapeeth, Rahuri-413722
67	Dr K.D. Kokate	Director Extension	Mahatma Phule Krishi Vidyapeeth, Rahuri-413722
68	Dr. D.L. Sale	Director Instruction	Dr Punjabrao Deshmukh Krishi Viswa Vidyalaya, Akola - 444104
69	Dr. S.K. Mann	Dean PGS	Punjab Agricultural University, Ludhiana- 141004
70	Dr. Verghese	OSD	Rajasthan Agricultural University, Bikaner-334002
71	Dr. T.R. Ravindran	Director Genetics	Tamil Nadu Agricultural University, Coimbatore-641003
72	Dr. C.S. Singh	Liaison officer	Tamil Nadu Agricultural University, Coimbatore-641003
73	Dr. K.N. Dwivedi	Dean Agriculture	Chandra Shekhar Azad University of Agriculture & Techn, Kanpur- 208002
74	Dr. Mukesh Srivastava	Assoc. Professor	Chandra Shekhar Azad University of Agriculture & Techn, Kanpur- 208002
75	Dr. Sharad K. Yadav	Principal Scientist	Deen Dayal Upadhaya Veterinary &Animal Sciences Uni, Mathura - 281001
76	Dr. Y.P. Singh	Dean PGS	Sardar Ballabh Bhai Patel University of Agriculture &Tech, Meerut – 250110
77	Amita Joshi	Fin. Comptroller	GB Pant University of Agriculture & Technology, Pantnagar- 263145
78	Dr. A.K. Singha Roy	Dean Agriculture	Uttar Bang Krishi Viswa Vidyalaya, Coochbehar-736165
79	Dr. H.S. Gaur	Dean (PGS) & JD (E)	Indian Agricultural Research Institute, New Delhi- 110012
80	Dr. K.V. Prabhu	Head (Genetics)	Indian Agricultural Research Institute, New Delhi- 110012
81	Dr. R.K. Rai	MOHR	Indian Agricultural Research Institute, New Delhi- 110012
82	Dr. K. Annapurna	Senior Scientist	Indian Agricultural Research Institute, New Delhi- 110012
83	Dr. K.M. Manjaiah	Senior Scientist	NRL, Indian Agricultural Research Institute, New Delhi- 110012
84	Dr. Arvind Ahlawat	Technical Officer	Div. of Genetics, Indian Agricultural Research Institute, New Delhi- 110012
85	Dr. Arun Kumar	Technical Assistant	Indian Agricultural Research Institute, New Delhi- 110012
86	Mr. Ashish Mall	SRF	Indian Agricultural Research Institute, New Delhi- 110012
87	Mr. Vikas	SRF	Indian Agricultural Research Institute, New Delhi- 110012
88	Dr. Anita Srivastava	Medical Officer	Indian Agricultural Research Institute, New Delhi- 110012
89	Dr. Shiv Dhar	Principal Scientist	Indian Agricultural Statistics Research Institute, New Delhi- 110012
90	Dr. G.P. Singh	Principal Scientist	Div. of Genetics, Indian Agricultural Research Institute, New Delhi- 110012
91	S. Francis	STO Registrar Office	Allahabad Agricultural Institute (Deemed University), Allahabad - 211007

92	Dr. Arvind Deshmukh	MS	Allahabad Agricultural Institute (Deemed University), Allahabad - 211007
93	Prof. P.Q. Rizvi	Dean (Agril. Sci.)	Aligarh Muslim University, Aligarh
94	Dr. Shiv Raj Singh	Director IAS	Banaras Hindu University, Varanasi
95	Prof. Kalyan Singh	Head IAS	Banaras Hindu University, Varanasi
96	Dr. Imnayongdang	Dean Agriculture	Nagaland University, Medziphema
97	Dr. S.K. Sharma	Professor	Nagaland University, Medziphema
98	Dr. S. M. Ilyas	Director	National Academy of Agricultural Research Management, Hyderabad
C. Special Invitees			
99	Sh. T. Nand Kumar	Secretary	Dept. of Agricultural & Cooperation, Min. of Agril., Krishi Bhawan, New Delhi
100	Sh. N. Gokul Ram	Secretary	Dept. of Animal Hus., Dairying & Fish, Min. of Ag., Krishi Bhawan, N Delhi
101	Dr. V V Sadamate	Advisor (Agril)	Planning Commission, Parliament Street, New Delhi
102	Dr. P.K. Aggarwal	National Professor	Indian Agricultural Research Institute, New Delhi- 110012
103	Dr. Bijay Singh	National Professor	Punjab Agricultural University, Ludhiana- 141004
104	Dr. Bhaskar Sharma	National Professor	Indian Veterinary Research Institute, Bareilly- 110012
D. Officers of DARE / ASRB / ICAR			
105	Dr. Mangala Rai	Secretary DARE & DG, ICAR	Indian Council of Agricultural Research, New Delhi
106	Dr. C. D. Mayee	Chairman, ASRB	Krishi Anusandhan Bhawan I, Pusa Gate, New Delhi
107	Dr. N.K. Tyagi	Member, ASRB	Krishi Anusandhan Bhawan I, Pusa Gate, New Delhi
108	Dr. M.J. Modayil	Member, ASRB	Krishi Anusandhan Bhawan I, Pusa Gate, New Delhi
109	Sh. A. K. Upadhyaya	Addl Sec. DARE & ICAR	Krishi Bhawan, New Delhi
110	Sk. Chaman Kumar	Addl Sec & FA DARE & ICAR	Krishi Bhawan, New Delhi
111	Dr. S. P. Tiwari	DDG (Edn. & CS)	Indian Council of Agricultural Research, New Delhi
112	Dr. S. Ayyappan	DDG (Fy)	Indian Council of Agricultural Research, New Delhi
113	Dr. H. P. Singh	DDG (Hort. & Extn.)	Indian Council of Agricultural Research, New Delhi
114	Dr. K. M. Bujarbaruah	DDG (AS)	Indian Council of Agricultural Research, New Delhi
115	Dr. A. K. Singh	DDG (NRM & Engn)	Indian Council of Agricultural Research, New Delhi
116	Dr. Mruthyunjaya	ND (NAIP)	Indian Council of Agricultural Research, New Delhi
117	Dr. S.D. Sharma	ADG (HRD)	Indian Council of Agricultural Research, New Delhi
118	Dr. G. C. Tewari	ADG (EPD)	Indian Council of Agricultural Research, New Delhi
119	Dr. R. K. Mittal	ADG (EQR)	Indian Council of Agricultural Research, New Delhi
120	Dr. K. S. Khokhar	ADG (PIM)	Indian Council of Agricultural Research, New Delhi
121	Dr. S. Mauria	ADG (IPR&P)	Indian Council of Agricultural Research, New Delhi
122	Dr. N.B. Singh	ADG (TC)	Indian Council of Agricultural Research, New Delhi
123	Sh. H.C. Joshi	Director (OL)	Indian Council of Agricultural Research, New Delhi
124	Dr. S.N. Shukla	ADG (FC)	Indian Council of Agricultural Research, New Delhi
125	Dr. T. P. Trivedi	Project Dir. (DIPA)	Indian Council of Agricultural Research, New Delhi
126	Sh. Ajay Kumar	Director, DARE	Indian Council of Agricultural Research, New Delhi
127	Sh. K.K. Bajpai	Director (P)	Indian Council of Agricultural Research, New Delhi
128	Sh. Ravindra Pattar	Director (Finance)	Indian Council of Agricultural Research, New Delhi
129	Sh. V.P. Kothiyal	Director (Works)	Indian Council of Agricultural Research, New Delhi
130	Sh. Devender Kumar	Director (Fin-NAIP)	Indian Council of Agricultural Research, New Delhi
131	Sh. Sanjay Gupta	DS, Admn.	Indian Council of Agricultural Research, New Delhi
132	Dr. B.N. Chattopadhyaya	CNO	Indian Council of Agricultural Research, New Delhi
133	Sh. Anil Kumar Sharma	PRO	Indian Council of Agricultural Research, New Delhi
134	Dr. Vinod Kumar	Sr Scientist (EPD)	Indian Council of Agricultural Research, New Delhi
135	Dr. Aruna T. Kumar	Editor (DIPA)	Indian Council of Agricultural Research, New Delhi
136	Sh. R.V.S. Nagar	Technical Officer	Indian Council of Agricultural Research, New Delhi
137	Sr. Bhagwat Singh	Technical Officer	Indian Council of Agricultural Research, New Delhi
138	Sh. S.P. Singh	Technical Officer	Indian Council of Agricultural Research, New Delhi

139	Sh. S.K. Mitra	U S (Edn.)	Indian Council of Agricultural Research, New Delhi
140	Sh. Shashi Kant	Under Secretary	Indian Council of Agricultural Research, New Delhi
141	Sh. J.K. Meena	S O, EPD	Indian Council of Agricultural Research, New Delhi
142	Sh. S.D. Meena	Education Division	Indian Council of Agricultural Research, New Delhi
143	Smt. Monika Mohale	Assistant	Indian Council of Agricultural Research, New Delhi
144	Sh. Jitender Kumar	UDC, Edu. Div.	Indian Council of Agricultural Research, New Delhi
145	Sh. Jagdish Chand	Peon, Edu. Divi	Indian Council of Agricultural Research, New Delhi
146	Sh. Kishan Gopal	UDC, Edu. Div.	Indian Council of Agricultural Research, New Delhi
147	Sh. Kamal	Exam Cell	Indian Council of Agricultural Research, New Delhi
148	Sh. Jialal	Exam Cell	Indian Council of Agricultural Research, New Delhi
149	Sh. N.K. Arora	F & AO (Edn)	Indian Council of Agricultural Research, New Delhi
150	Sh. Sudhir Singh Negi	Tech. Asstt. (MIU)	Indian Council of Agricultural Research, New Delhi
151	Sh. S.K. Dey	Tech. Officer (MIU)	Indian Council of Agricultural Research, New Delhi
152	Ms. Seema Burman	Technical Officer	Indian Council of Agricultural Research, New Delhi
153	Ms. Sarita Behl	PA	Indian Council of Agricultural Research, New Delhi
154	Sh. Arun Goel	PS (DDG)	Indian Council of Agricultural Research, New Delhi
155	Sh. MS Tulsa Gupta	Section Officer	Indian Council of Agricultural Research, New Delhi
156	Sh. Amit Pal	Assistant	Indian Council of Agricultural Research, New Delhi
157	Ms. Veena Dhal	Assistant	Indian Council of Agricultural Research, New Delhi
158	Ms. Urmil Sharma	Assistant	Indian Council of Agricultural Research, New Delhi
159	Ms. Kamlesh Dangri	PS to ADG (Edu.)	Indian Council of Agricultural Research, New Delhi
160		Sr. Photographer,	Indian Council of Agricultural Research, New Delhi

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165	Dr. O.M. Bambawalea	Director	National Centre for Integrated Pest Management, IARI, New Delhi-110012
166	Dr. P. Anand Kumar	Director	NRC for Plant Biotechnology, IARI Campus, New Delhi 100 012
167	Dr. Naved Sabir	Senior Scientist	National Center for Integrated Pest Management, New Delhi- 110012

F. Officers from Other Organizations

168	Dr. H.A. Malik	Consultant (Agril)	Planning Commission, New Delhi
169	Mr. Arvind Peratap Singh	Project Executive	FICCI, Federation House, New Delhi
170	Brig. S.K. Singh	CEO	IKC
171	Dr. R.P. Singh	Secretary	Indian Agricultural Universities Association, NASC, New Delhi – 110012