

Proceedings of the Conference of Vice Chancellors of Agricultural Universities and Interface with ICAR Directors held on 22-23 February, 2011

Annual Conference of Vice-Chancellors (VCs) of the Agricultural Universities (AUs) followed by Interface of VCs of AUs and ICAR Directors was held at the National Agricultural Science Centre, Dev Prakash Shastri Marg, New Delhi on February 22-23, 2011. The Zonal Project Directors and Project Co-ordinators and Senior ICAR Officials were also present on the occasion.

Hon'ble Union Minister for Agriculture and Food Processing Industries, Shri Sharad Pawar inaugurated the Interface of Vice-Chancellors of Agricultural Universities and Directors of ICAR Institutes on February 23, 2011. Hon'ble Union Minister of State for Agriculture and Food Processing Industries Shri Harish Rawat graced the occasion as a guest of honour. The list of participants is annexed.

Hon'ble Union Minister for Agriculture and Food Processing Industries in his inaugural address called upon the Vice-Chancellors of AUs and Directors of ICAR institutes to strive to be models of all-round excellence creating institutions of global standards. He reiterated that agriculture today is facing challenges in the light of national necessities and emerging global environment. Degradation of natural resources and unpredictable shifts in climatic patterns have been impacting the farming practices. Competition posed by globalization and opening up of economies, ethical issues of trade related intellectual property rights, genetically modified foods and organisms and enforcement of strict quality regimes need immediate attention while developing technically qualified manpower.

He expressed happiness over the recent efforts of ICAR in agricultural education and research at global platform which have been encouraging. He desired the details of infrastructural facilities required by the SAUs and intended to take up the matter with Chief Ministers. He stressed that Vice-Chancellors expeditiously take steps for adoption of the Model Act developed by the ICAR for Agricultural Universities. The future world will be a knowledge society and a global village where focus will shift from geographical to knowledge-resource domination. It will be a world where there are new complex equations. There will be competing demands for agriculture and industry; conflicts between creation of wealth and justice and equity, a pattern of conspicuous consumption that will make sustainability difficult to achieve. He informed that the council is contemplating a National Agricultural Education Project for which a committee is already working to suggest reforms and renewal of higher agricultural education in the country.

Shri Harish Rawat, Union Minister of State for Agriculture and Food Processing Industries emphasised upon the need of developing quality human resource that is critical for the growth of Agriculture sector. The agricultural education has to evolve in tune with fast changing national and global scenarios that is characterized by (i) globalization of education, (ii) new areas

of specialization such as IPRs, others WTO- related areas, technological specialities etc., (iii) stakeholders' expectations especially for utilization mode, (iv) improved tools of educational content delivery including ICTs, (v) cutting edge technologies such as biosensors, genomics and biotechnology, alternative sources of energy, nanotechnology, etc., he said. He complimented ICAR Institutes and Agricultural Universities for their excellent research contributions having direct and positive impact on food and nutritional security of the country. He expressed happiness and satisfaction over record production of about 234 million tons of food grains during the year. Besides, Shri Rawat expressed concerns over challenges faced by higher agricultural education in the country, such as shortage of quality human resources, scarcity of resources and research facilities, inbreeding in faculty etc. A new thrust in higher agricultural education is required for enhancing the overall quality. He suggested that in an era of partnerships, strong and fruitful collaborations should be developed between agricultural universities, ICAR institutions and other stakeholders.

Before this, 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.

Dr. S. Ayyappan, Secretary, DARE and Director General, ICAR while expressing his gratitude to the Union Minister for Agriculture & Food Processing Industries, Shri Sharad Pawar and Union Minister of State for Agriculture & Food Processing Industries, Shri Harish Rawat for their constant guidance and persistent support to strengthen the National Agricultural Research System (NARS), highlighted the major contributions of ICAR in agricultural research, education and extension during the year. He briefed various other initiatives taken by the Council to strengthen scientist-farmer interactions and delivery of knowledge at farmers' doorstep and outlined the roadmap of agricultural research, education and extension in the country. Dr Ayyappan further detailed the efforts being made by ICAR to enhance the quality of research and education in the present perspective. He informed that as an impetus to enhance productivity of crops, 52 improved varieties of important crops were released for cultivation in different agro-climatic regions. ICAR made successful efforts in timely supply of quality seeds and planting materials to farmers. A National Initiative on Climate Resilient Agriculture worth ₹ 350 crores was launched to address biotic and abiotic stress and a special programme on demonstrations for pulse productivity enhancement has been initiated on a wide scale.

Dr. Tej Pratap, President, Indian Agricultural Universities Association (IAUA) & Vice-Chancellor, Sher-e-Kashmir University of Agricultural Science and Technology, Kashmir lauded the support of ICAR to AUs in scientific, technical and financial spheres. He assured full cooperation of IAUA in facilitating better co-ordination in enhancing quality assurance in higher agricultural education in the country.

Shri Sharad Pawar presented the coveted **Best Performance Awards** to Kerala Agricultural University, Thrissur; Acharya N. G. Ranga Agricultural University, Hyderabad, and Govind Ballabh Pant University of Agriculture and Technology, Pantnagar for securing first, second and third positions, respectively, in number of their students qualifying for JRFs in 2010-11. **Best Annual Report Awards** for the year 2009-10 were conferred upon Central Soil & Water Conservation Research & Training Institute, Dehradun (among large institutes) and

National Bureau of Fish Genetic Resources, Lucknow (among small institutes). He also released some publications by the ICAR Institutes and agricultural universities.

On February 22, 2011, chairing the VCs Conference, Dr. S. Ayyappan, Secretary, DARE & Director General, ICAR complemented all VCs for the changes they brought in the infrastructural facilities in the AUs and the judicious use of money that has been made by them. He thanked his predecessor Dr. Mangla Rai, Former Secretary, DARE & DG, ICAR for giving emphasis on farm modernization and infrastructure development in AUs in the XI Plan. He further complemented VCs for the achievements made in seed production and the technologies developed by the AUs. Dr. Ayyappan appealed the VCs to post a page note of their university achievements on the website of IAUA. He was also concerned about the posting of SMSs in KVKs and said that ICAR is planning to start a three months course for new SMSs joining the KVKs. At the end, he welcomed the new VCs. Thereafter, the regular agenda was taken up for discussion.

Agenda 1: Confirmation of the Proceedings of VCs Conference and Interface with ICAR Directors held on February 17-18, 2010

Since no comments on the proceedings were received, the proceedings of the last VCs Conference and Interface with ICAR Directors held on February 17-18, 2010 were confirmed.

Agenda 2: Confirmation of the Proceedings of Special Meeting of Vice-Chancellors of Agricultural Universities held on October 4, 2010

Since no comments on the proceedings were received, the proceedings of Special Meeting of Vice-Chancellors of Agricultural Universities held on October 4, 2010 were confirmed.

Agenda 3(a): Action Taken Report on the recommendations of Conference of Vice-Chancellors of Agricultural Universities and Interface with ICAR Directors held on February 17-18, 2010

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

Agenda 3(b): Action Taken Report on the recommendations of Special Meeting of Vice-Chancellors of Agricultural Universities held on October 4, 2010

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

It was pointed out that in order to find out the cost of producing an agriculture graduate, a well designed proforma may be provided to the universities. The Director, NAARM, Hyderabad and Director, NCAP, New Delhi will jointly develop the proforma and provide in two months time.

[Action: Director, NAARM &
Director, NCAP]

ADG (HRD) presented the report of Dr. H. S. Gupta Committee constituted for rationalization of fee structure and bench fee for foreign students, review of ICAR scholarships/fellowships, initiating ICAR's Post-Doctorate Fellowships and grant to

students during RAWE programme. The discussions were held and suggestions of members were invited. The President, AIUA requested the members to mail their suggestions within 15 days so that these could be passed to the Committee for further improvement. The Committee was requested to submit its final report within a month time.

[Action: All VCs; ADG (HRD)]

Agenda 4: ARS/NET Reforms and SAUs' Performance

Dr. N. K. Tyagi, Member, ASRB made a comprehensive presentation on ARS/NET reforms being taken up and SAUs performance during the last year. After discussions, a committee was constituted comprising Dr AK Singh, DDG (NRM) with 5-6 VCs of AUs to find out the ways to incentivise the less-preferred disciplines in agriculture in order to attract the better students.

The Chairman appealed the Vice-Chancellors to have a situational analysis at university level to find out the pointers for performance evaluation of universities at national level and submit the report within 3 months time.

[Action: All VCs; DDG (NRM)]

Agenda 5: Education Quality Assurance and Reforms: Issues and Strategies

Agenda 5.1: National Agricultural Education Project

Dr. R.K. Mittal, ADG (EQR) informed that the committee constituted under the Chairmanship of Dr. Panjab Singh, Former Secretary, DARE & Director General, ICAR to suggest reforms and renewal of higher agricultural education, held its initial meetings including consultations with stakeholders of Agricultural Education on November 29 & 30, 2010 at New Delhi and on January 19 & 20, 2011 at Bangalore. A National Consultation was also held on February 21, 2011. He briefly presented the report on outcomes of the meetings.

Agenda 5.2: Accreditation of Agricultural Universities

Presenting the status of accreditation, ADG (EQR) mentioned that at present, 31 AUs stand accredited and the PRT visits of three universities (SVVU, Tirupati; SKUAS&T, Jammu and NAU, Navsari) have been completed. Self Study Reports of 10 other universities have been received or are under revision and another 3 SAUs have submitted progress report for extension of Accreditation. He requested the remaining 13 SAUs to submit their Self Study Reports at the earliest as it is already under consideration to link the financial assistance with accreditation status of the university.

[Action: All VCs]

Agenda 5.3: Governance and Adoption of ICAR Model Act

ADG (EQR) mentioned that the acts of different universities have variations in composition of Board of Management and other statutory authorities of the university as well as in selection procedure and tenure of university officers including Vice Chancellors, Deans and Directors and others. A suggestion was made that the provisions of Model Act for Agricultural Universities in India developed by the ICAR, may be appropriately incorporated, on priority, in the acts and statues of

the SAUs. It was mentioned that the same was submitted to the Planning Commission for taking it up with the State governments, and more recently (in December, 2010), the Secretary, DARE & DG, ICAR has conveyed the same, through a D.O. letter, to the Chief Secretaries of all states. All the Vice Chancellors were requested to pursue further necessary action.

[Action: All VCs]

Agenda 5.4: International Cooperation/Programmes

1. **ICAR International Fellowships:** ADG (EQR) mentioned the purpose, availability and progress with the ICAR International Fellowships Programme. He presented that the AUs may make use of the scheme for faculty improvement as well as facilitating their pass out master's students for Ph.D. study abroad.

[Action: All VCs]

2. **India-Africa Fellowships:** ADG (EQR) briefly presented the new programme started in July, 2010 to offer 75 fellowships each year to African students for M.Sc. and Ph.D. studies in Indian AUs to support the agricultural human resource development in Africa. He mentioned that some of the candidates have reported difficulties in initial settlement due to change of environment, quality of food, communication problem, and medium of instruction not being English and non-payment of fellowship on time. It was requested that the AUs may extend their continued cooperation and help to these students.

[Action: All VCs]

3. **India Afghanistan Fellowships:** For agricultural human resource development in Afghanistan, DARE/ICAR has started in July, 2010 a new programme to offer 115 fellowships every year to Afghans for undertaking M.Sc. and Ph.D. degree programmes in Indian AUs. The programme is for five years. During 2010-11, due to late start, 21 applications were received and the candidates were recommended to the AUs. Nine candidates have so far joined their programmes in seven AUs and some more are expected to follow. The cooperation provided by the AUs was appreciated and similar cooperation in future was requested.

[Action: All VCs]

4. ADG (EQR) mentioned that many universities have developed collaboration(s) with institution(s) abroad in the areas of education and research. It is desired that information about them may be provided to him for each of them separately (maximum one page for each) including the title/type of collaboration, mode of cooperation, when started, when to be concluded, activities undertaken and benefits accrued to the university.

[Action: All VCs]

Agenda 5.5: Review of Experiential Learning programme

ADG (EQR) informed that on the recommendations of the review workshop of the programme held on 27-28 October, 2010 at UAS, Dharwad, a committee under the chairmanship of Dr. S.L. Mehta, Former VC, MPUAT, Udaipur was constituted to develop the course structure, operational modalities and evaluation procedure, etc. for the Experiential Learning (EL) course. The committee has held its first meeting in

which it was expressed that the concept of EL has neither been properly understood nor implemented in the manner it was intended too. It was emphasized to develop a representative manual on EL in each discipline. For this a prototype, irrespective of the discipline, need be developed which should include what need to be covered and done, method of implementation and evaluation, requirement of facilities, cost assessment, faculty competence and how it would lead to entrepreneurship development etc. Different members of the committee were assigned the responsibility to develop a manual in their respective disciplines. The various suggestions emerged during the discussions, inter-alia, included-

- i. There should be one composite programme for one year for rural experience/awareness (RAWEL), in-plant training and EL and the programme may be named as Rural Awareness and Entrepreneurship Development Programme (RAEDP).
- ii. A separate certificate should be issued for the completed EL course to the students of Agriculture, Horticulture and other disciplines and for in-plant training to the Engineering students.

ADG (EQR) also mentioned that once the prototype manual is prepared, it will be discussed with the group of selected about ten Deans each of different disciplines separately under the leadership of subject matter member of the committee. The group will also prepare the manuals for all others EL programmes in their disciplines. It is planned that the entire exercise be completed by April, 2011 so that the manuals developed may reach the colleges by May, 2011.

The President, IAUA was requested to come out with further clarifications on EL programmes.

[Action: IAUA, ADG (EQR)]

Agenda 5.6: Report of the committee to examine recommendations of the Group Meeting of VCs of AUs on 3rd October, 2010

ADG (EQR) presented the report of the committee constituted under the Chairmanship of Dr. S.N. Puri, VC, CAU, Imphal.

1. It was felt that making compulsory provision of two papers in the journals having the NAAS rating of 4 for the candidates having Ph. D. Degree without qualifying NET will put them into further inconvenience. The Chairman requested President, IAUA to bring out consensus on the point through its meetings so that a common solution is derived.

[Action: IAUA]

2. For capacity building and motivation of the faculty members of AUs, it was felt to wait for the report of the National Agricultural Education Project Committee.
3. For making the entrance examination pro-rural students, it was suggested by the committee that a certain percentage of questions may be included from practical crop/livestock production.

[Action: IAUA]

4. For initiating UG programme of 6 years after 10th class the committee recommended it to be included in the agenda of National Consultation for development of National Agricultural Education Project.

[Action: ADG (EQR)]

5. The committee recommended flexibility in admissions of B.Sc. (Hort.) in M.Sc. (Ag) and *vice-versa* with additional remedial courses.

[Action: All VCs]

Agenda 5.7: Modernization of AU Farms

ADG (EQR) presented the status of mega programme “Modernization of AU Farms”. It was mentioned that the following information is required on priority basis to bring out a review report.

1. Each university may identify one or two or more farms/units where significant improvement (need to be specified) has taken place and they may be called as modern farms/units. How they have or will bring change in instructions to students, research experimentation on technology demonstration, should also be mentioned.
2. Each university to mention 2-3 success stories where the benefits of the implementation of the scheme are visible and quantified/quantifiable. The write-up should be brief, not exceeding 2 pages, and supported with some good photographs. The write-up may include the university farm area, amount of grant received so far by the university (in a sentence), activity/activities, and conclusion. For each activity, the need, intervention made under the scheme, output/benefits (physical as well as financial) and follow-up action may be mentioned.

[Action: All AUs]

Many VCs voiced the need for continuation of the project in view of the dividends it already started paying in terms of better infrastructure of research, instruction and technology demonstration as well as for resource generation. It was agreed to consider it in the XII Plan of ICAR.

Agenda 5.8-10: Modernization/Strengthening of Livestock Instructional Farms /SAU Farms

DUVASU, Mathura, MPPCVV, Jabalpur and CSKHPAU, Palampur emphasised the strengthening of livestock instructional farms/SAU farms in the form of equipment and training facilities to impart training to the veterinary graduates in the management of domestic animals and birds. It was suggested to consider for inclusion in the XII plan.

Agenda 5.11: Improving the quality of Agricultural Education

VC, APHU presented the agenda that a National level common entrance test for admission into U.G. & P.G. courses at ICAR level, introduction of national level common syllabus for all the courses of UG and PG programmes, introduction of national level evaluation system in UG and PG, and invitation of guest faculty from

within the country and abroad and necessary funds may be provided by ICAR. The suggestions were appreciated and suggested to be taken up in the IAUA meeting.

[Action: IAUA]

Agenda 5.12: A- learning courses to be started at different levels

VC, APHU presented the agenda that (a) pre-degree courses in Agriculture and allied sciences, (b) post-graduate diploma courses in Agriculture and allied sciences and (c) non-structured informal training programme to the less educated farming youths and agriculture workforce in the rural areas, may be started. A committee comprising Dr S B Dandin, VC, UHS, Bagalkot and two more VCs was proposed to look into the matter and send a structured note within two month time.

[Action: ADG (EQR); VC, UHS, Bagalkot]

Agenda 5.13: Agril. Education awareness programme for rural students

IGKV, Raipur mentioned that rural and tribal students need to be encouraged to study in Agriculture University. Special orientation programmes are needed for them. The point discussed under agenda 5.6.

Agenda 5.14: Problem-Based-Learning (PBL) approach in academic study programmes – focus on learning processes and towards competence of students as needed for their future professional life

BCKV, Mohanpur, West Bengal presented the agenda. The point was already discussed under agenda 5.5.

Agenda 5.15: Polytechnic in Agriculture and allied sectors to be included in ICAR education policy

JAU, Junagadh presented the agenda. It was proposed to discuss the matter in the IAUA meeting and decide what certificate/diploma courses will be required.

[Action: IAUA]

Agenda 5.16: Participation of Non Government Organization in Educational Up-gradation

MAU, Parbhani presented the agenda. The matter has already been taken up in the National Consultation on Higher Agricultural education.

Agenda 5.17: E-learning system

AAU, Anand presented the agenda. All the VCs were requested to encourage e-learning particularly through the younger faculty members.

[Action: All VCs]

Agenda 5.18: Increase in credit-load for practical education (Lab/Field work/Industries/Private farms)

AAU, Anand presented the agenda. The point is being considered under agenda 5.5.

Agenda 5.19: More emphasis on specialized (elective) courses and at final year of graduation- for developing entrepreneurship

AAU, Anand presented the agenda. The committee is looking into the matter as mentioned in agenda 5.5.

Agenda 5.20: Integrated M.Sc. (Agri.) programme

AAU, Anand presented the agenda. The NAEP Committee is considering the same.

Agenda 5.21: Change in manner of conducting RAWE and Experiential Learning Courses in UG program of Agriculture

RVSKVV, Gwalior presented the agenda. It has already been covered under agenda 5.5.

Agenda 5.22: Establishment of Experiential Learning Units in all constituent colleges of SAUs

RVSKVV, Gwalior presented the agenda. It has already been covered under agenda 5.5.

Agenda 5.23: Experiential Learning Centers

DUVASU, Mathura proposed that in all the streams of agricultural education, priority areas for experiential learning programmes at national level should be identified first and funded from the Council, and thereafter, regional and area-specific programmes should be identified and executed. It has already been covered under agenda 5.5.

Agenda 5.24: Consideration of liberal financial support to bankable projects prepared by students after Experiential Learning

RVSKVV, Gwalior presented the agenda. It has already been covered under agenda 5.5.

Agenda 5.25: Provision of stipend for the students of Experiential Learning courses

JNKVV, Jabalpur presented the agenda. It has already been covered under agenda 5.5.

Agenda 5.26: Strengthening of Experiential Learning Scheme

MAU, Parbhani presented the agenda. It has already been covered under agenda 5.5.

Agenda 5.27: Manpower support for experiential learning

OUAT, Bhubneswar presented the agenda. It has already been covered under agenda 5.5.

Agenda 5.28: Tuition Fee of International Students

KAU, Thrissur proposed that ICAR may develop a system where-in the tuition and other academic fees are directly paid by ICAR to SAUs or to increase the bench fee proportionately to include them and let the students pay hostel and food charges from the fellowship. The point was noted for consideration.

[Action: ADG (EQR)]

Agenda 5.29: Stipend Provision during RAWE and In Plant Training

MAU, Parbhani presented the agenda. The committee under the Chairmanship of Dr S L Mehta is looking into the matter.

Agenda 5.30: Remuneration to students during RAWI/Internship programme in veterinary/industrial training need to be increase

AAU, Anand presented the agenda. The committee under the Chairmanship of Dr. S. L. Mehta is looking into the matter.

Agenda 5.31: MOU between ICAR Institutes and SAUs

DUVASU, Mathura presented the agenda. It was suggested that such arrangement has already been discussed and supported and the AUs and ICAR institutes may develop mutually agreed MOU.

[Action: All VCs/ICAR Directors]

Agenda 5.32: Effective mechanisms for Faculty motivation

GADVASU, Ludhiana emphasised upon monitoring of teachers progress through Annual Progress Reports; incentives to deserving faculty members; proper teacher-student ratio; proper training and skills; encouraging motivation in the classroom; invited lectures of role models in the profession; evaluation of teachers based on certain parameters; recruitment of faculty; uniform score card and entry at the base level to be strictly merit based; development of a continuum/scale for assessment of teachers and the best Teacher Award and award for writing the books. The suggestions on how to implement them were invited.

[Action: IAUA, All VCs]

Agenda 5.33: Creation of Educational Research farms for Veterinary and Animal Sciences at GADVASU for upliftment of Veterinary education

GADVASU, Ludhiana presented the agenda. It has already been discussed under agenda 5.7.

Agenda 5.34: Improving the quality and efficiency of student – evaluation in course-credit-semester system of Education

VC KAU, Thrissur presented the agenda that in SAUs continuous evaluation by the course teacher as followed in IITs, NITs, IIMs may be followed instead of the present system of centralized semester-end University examinations. Written examinations with monthly quiz, mid-term and final examinations may have a weightage of 60%, 10% for viva-voce examination and 30% for assignments, communication skills, reasoning/problem solving ability, group discussion etc. The Education Division was suggested to look into the matter, by constituting a committee of VCs.

[Action: DDG (Edn.)]

Agenda 5.35: Integration of agricultural education and research with the allied areas

SKRAU, Bikaner mentioned that each agriculture university should have veterinary science, horticulture, fisheries and agriculture engineering as integral components for overall development in the field of agriculture. The point was noted.

Agenda 5.36: Result Framework Document (RFD) and computing returns on investment on agricultural education

SVVU, Tirupati presented that the SAUs should also develop the RFD as is being practiced by the various departments of the Central Government. It was informed

that the ICAR including ICAR Institutes are developing the RFD documents. However, the SAUs may develop it later.

Agenda 6: Education Planning and Development: Issues and Strategies

Agenda 6.1: Need based support to 50 years old Agricultural Colleges

ADG (EPD) presented the agenda and requested that the information sought in this regard through the proforma sent to all the universities may be provided at the earliest. The colleges completing 50 years would be considered for development grant in the XII plan.

[Action: All VCs, ADG (EPD)]

Agenda 6.2: Financial support for creation of infrastructure and recurring contingencies for implementation of Entrepreneurship programme

AAU, Anand presented the report. The issue was discussed.

Agenda 6.3: Provision of RKVY funds for extension units of SAUs

ANGRAU, Hyderabad presented the agenda.

Agenda 6.4: Strengthening of Food Science & Technology

CCSHAU, Hisar proposed to strengthen/establish independent Centre of Food Science and Technology in SAUs with UG & PG degree programmes having following divisions/sections: Basic Food Science Division, Food Engineering Division, Fruit & Vegetable Technology Division, Cereal & Grain Technology Division, Milk & Meat Technology Division, Food Quality Assurance Division, Food Business Management & Entrepreneurships. To implement the proposed programmes and to impart high class education to meet the future challenges, there is need to strengthen the existing facilities and human resource, and linkages and net working with industries, national and international institutions/universities. It was suggested that for promotion of industry-institute interaction, Ministry of Food Processing & Technology can be approached to coordinate with the industries to impart in-plant training to students.

[Action: All VCs]

Agenda 6.5: Enhancement of CDA grant of ICAR to SAUs during 12th Five year plan

CSKHPAU, Palampur emphasised on enhancing the CDA grant of ICAR to SAUs during XII Five year plan in order to keep pace with the development and expectations from agricultural universities.

[Action: ADG (EPD)]

Agenda 6.6: Cafeteria facility at University campus

DUVASU, Mathura proposed a cafeteria building as a part of infrastructural facility by the ICAR in order to provide primary need of snacks, meals and restaurant items within university premises.

Agenda 6.7: Mobile Animal Health Clinic

DUVASU, Mathura proposed to make a provision of full-sized transportation vehicle as the Mobile Animal Health Clinic to provide sufficient hands on training to students under field conditions. It was noted.

Agenda 6.8: Setting up of an Advanced Disease Diagnostic Centre

DUVASU, Mathura presented that the facilities at the University Diseases Diagnostics Centre are inadequate to achieve the desired objectives despite having enough teaching material available in the clinics. Moreover, pet owners, equine breeders and commercial dairy farmers are ready to pay for any advanced test if their precious animal can be saved. Therefore, to keep pace with modern animal health technologies and for improved learning of the students, the setting up of advanced diseases diagnostic centre was proposed. A programme under Niche Area of Excellence is being supported by ICAR.

Agenda 6.9: Financial support for other infrastructural development

DUVASU, Mathura mentioned that all the SAUs should have some essential facilities commensurate with the status of the Universities like University Library, Auditorium, ATIC and Call Centers, Technology Park, Referral Diagnostic laboratories, married students hostel, working women hostel and faculty club and faculty home-cum-Guest houses. It was noted.

Agenda 6.10: Establishment of educational museum and linkages between SAUs & ICAR institutes

GADVASU, Ludhiana emphasised on exchange of students and faculty and use of infrastructural facilities among SAUs. Educational museum should be established in SAUs and this facility should be interlinked with all SAUs and ICAR institutes, so to provide wider exposure to both faculty and students (both UG & PG level). It was noted. It was noted.

Agenda 6.11: Strengthening of newly established College of Fisheries

GADVASU, Ludhiana informed that College of Fisheries established during 2008 is actively involved in academics, research and extension activities. Both UG and PG programmes have been initiated. As the existing infrastructural facilities need to be adequately upgraded, it was proposed that ICAR should provide adequate funds under the development grant for the establishment of aqua-museum, state of art laboratories and lecture rooms. It may be added here that this college has been included under Niche Area of Excellence.

Agenda 6.12: Demand for more hostels

GADVASU, Ludhiana mentioned that at present out of total 140 girls only 102 girls have been able to get adjusted in the girl's hostel and this gap is increasing every year with new admissions. There is great dearth of one more new girls hostel, so that all the girls can be accommodated in the hostel. It was noted.

Agenda 6.13: More funds for Agricultural Extension should be allocated like many foreign Universities

IARI, New Delhi presented the agenda which was noted.

Agenda 6.14: The funds approved in the EFC of the Five Year Plan should be made available in time in full, to the respective institutions

IARI, New Delhi presented the agenda and was noted.

Agenda 6.15: Modernization/Strengthening/Infrastructural developments

IGKV, Raipur presented the agenda. It was suggested to send the required information for the purpose of compilation.

[Action: VC, IGKV]

Agenda 6.16: Development in niche areas

IGKV Raipur presented the agenda. The issue was discussed and suggestion was made to submit the proposal under the programme.

[Action: VC, IGKV]

Agenda 6.17: E-Governance, paperless system and ERP

IGKV, Raipur presented the agenda. It was suggested to send the required information for the purpose of compilation.

[Action: VC, IGKV]

Agenda 6.18: Provision of funds for approach and peripheries road

JNKVV, Jabalpur presented the agenda. The issue was discussed and suggestion was made to submit the proposal under the programme.

[Action: VC, JNKVV]

Agenda 6.19: Providing vehicles grant to the SAUs by ICAR

JAU, Junagadh presented the agenda. The contingency grant may be utilized for outsourcing the facility.

[Action: All, VCs]

Agenda 6.20: Continuation of development grant in 12th plan for SAUs

JAU, Junagadh presented the agenda emphasizing upon the continuance of development grant in the XII plan. The point was noted.

[Action: ADG (EPD)]

Agenda 6.21: Provision of funds for seed godown

JNKVV, Jabalpur mentioned that for better utilization of KVK instructional farm, an amount of Rs 10 lakh for each KVK may be provided for seed & fertilizer godown for each KVK. The issue was discussed and it was suggested to send the required information to DDG (Extn.)

[Action: VC, JNKVV; DDG (Extn.)]

Agenda 6.22: Administrative Block of the Vishwa Vidyalaya

JNKVV, Jabalpur presented the agenda. The issue was discussed and it was suggested to send the required information for consideration in next plan.

[Action: VC, JNKVV]

Agenda 6.23: Extension of hostel facilities for girls

JNKVV, Jabalpur presented the agenda. The issue was discussed and it was suggested to send the required information.

[Action: VC, JNKVV]

Agenda 6.24: University auditorium cum conference complex

JNKVV, Jabalpur presented the agenda. The issue was discussed and it was suggested to send the required information.

[Action: VC, JNKVV]

Agenda 6.25: College – specific/ project specific allotment of ICAR development grants

KAU, Thrissur mentioned that part (Fifty percent) of the development grant sanctioned to a SAU may be made project specific and college specific so that at the end of the plan period, there will be some projectable development in the infrastructure. The remaining fifty percent may be allotted as is being done now so that the VCs can prioritize and spend the amount. It was noted.

Agenda 6.26: Provision for grants to develop simulation models for imparting Veterinary Education

KVAFSU, Bidar presented the agenda and emphasized for funding for creating facilities for hands on training for veterinary graduates through electronic technologies. The point was noted.

[Action: ADG (EPD)]

Agenda 6.27: Support grant for celebrating World Veterinary Year

KVAFSU, Bidar presented the agenda requesting a grant of Rs 1 lakh for each Veterinary college or Rs 2 lakh for every Veterinary University of the country. It was decided to release ₹ 1 lakh for each veterinary college including Animal Science Institutes for strengthening them.

[Action: ADG (EPD)]

Agenda 6.28: Support grant for Entrepreneurship courses

KVAFSU, Bidar presented the agenda. It was suggested to take up the issue in the XII plan.

Agenda 6.29: Organizing the Agri-Fest and Agri-Sports

KVAFSU, Bidar presented the agenda. The decision on Agri-Sports (2011-12) at PDKV, Akola and Agrifest (2011-12) at GBPUA&T Pantnagar was already taken during the last meeting. It was decided to organise Agri-sports (2012-13) at KVAFSU, Bidar and Agrifest (2012-13) at JNKVV, Jabalpur.

[Action: ADG (EPD)]

Agenda 6.30: Niche Area Centre of Excellence Project Transformation

MAU, Parbhani mentioned that the Niche Area Centre of Excellence located at College of Food Science, MKV, Parbhani needs to be converted into non plan project to explore its full potential for education and need based research.

Agenda 6.31: Strengthening of Hostel facilities for UG and PG girls and boys

MPPCVV, Jabalpur mentioned that there is an urgent need of extension of existing girls' hostels to convert into 100 beds capacity each at Jabalpur and Mhow Veterinary colleges and a new girls' hostel of 100 beds capacity at Rewa Veterinary College. Similarly, there is an urgent need of one PG hostel of 100 beds capacity for boys at Jabalpur and Mhow Veterinary Colleges. The demand was noted.

[Action: ADG (EPD)]

Agenda 6.32: Funds to Establish University Library Building and Guest House

MPPCVV, Jabalpur informed that the recently established Madhya Pradesh Pashu Chikitsa Vigyan Vishwavidyalaya at Jabalpur does not have university library

building and university guest house, hence require for funds for its establishment. It was noted.

Agenda 6.33: Development of Integrated Farming System Live Models at KVKs

MPUAT, Udaipur presented the agenda. Presently, the transfer of technology and knowledge empowerment activities of KVKs are mostly based on specific components of farming systems. The university have specialists from different disciplines at our KVKs. Therefore, the university may try to develop live models of integrated farming systems at selected KVKs or on farmers' field in the vicinity of KVKs. Every SAUs must try to have 2-3 Integrated Farming System live models at KVKs. Additional financial support from the ICAR for this novel cause is proposed.

[Action: DDG (Extn.)]

Agenda 6.34: Agricultural Production, Agro-Processing and Agri-Business Linkage Models at SAUs

MPUAT, Udaipur emphasised that the National Agricultural Research System (NARS) must take pro-active steps to link agricultural production, agro-processing and agri-business with all possible forward and backward linkages. With students getting trained separately for production, processing and agri-business by SAUs, the possible inter-linkages of the disciplines to develop more and more teams for agriculture based entrepreneurship combining agricultural production, processing and business are the needs of the time. Additional financial support for developing such linkages is proposed.

[Action: ADG (EPD)]

Agenda 6.35: Strengthening of IPR Cell in all SAUs

OUAT, Bhubaneswar presented the agenda. Intellectual Property Protection is to be pursued vigorously in each of the Universities in the present IPR regime. The existing IPR Cells need liberal support of ICAR by providing at least 3 scientist positions (Agriculture, Animal Husbandry including Fisheries & Agricultural Engineering) and one legal assistant along with required physical infrastructure.

[Action: ADG (IP&TM)]

Agenda 6.36: Strengthening of placement and technology cells in SAUs

RVSKVV, Gwalior presented the agenda and was noted.

Agenda 6.37: Onetime grant for establishment/strengthening of New AUs & Colleges

RAU, Pusa stated that ICAR should year mark sufficient funds for infrastructural development of newly established SAUs/ Colleges. It was noted.

Agenda 6.38: Timely Release of Grant: RAU, Pusa

ICAR grant should be released once in a year preferably in first quarter of the financial year for effective utilization. It was noted.

Agenda 6.39: Establishment of ATIC in RVSKVV, Gwalior

RVSKVV, Gwalior presented the agenda. In the modern era of HI-tech agriculture, Agro-technology Information Centers (ATICs) have become the prime need for dissemination of recent developments in agriculture. Therefore, those SAUs who

have not received ATIC in X five year plan be provided to them in XII plan with full financial support on priority basis.

[Action: DDG (Extn.)]

Agenda 6.40: Development of model agriculture colleges

SKRAU, Bikaner mentioned that to meet the growing demand of farm products, there is need of second green revolution to take place, which has been accepted at the highest policy making bodies. To meet this objective, there is requirement of expending quality agricultural education and research. It is therefore, proposed that model agriculture colleges be developed throughout the country- at least in each state, fully funded by ICAR. This will help in developing competitive environment for agricultural education and research. SKN College of Agriculture, Jobner being the oldest institution of agricultural education in the state, may be considered for developing this into a model agriculture college in Rajasthan state. It was noted for consideration in XII Plan.

[Action: ADG (EPD)]

Agenda 6.41: Support for Higher Education

SKUAST, Jammu presented the agenda.

- J&K State has not witnessed the complete impact of green revolution. To overcome this deficiency SKUAST-Jammu being only eleven years old needs support from ICAR for sending/ deputing faculty for their exposure and dual degrees from abroad.
- The infrastructure and staff available in SKUAST-J can be successfully engaged for awarding degrees to foreign students.

The points were noted.

Agenda 6.42: Strengthening of TNAU Agri Tech Portal (<http://agritech.tnau.ac.in>)

TNAU, Coimbatore presented the agenda. The estimated cost for the Agri Tech Portal comes to ₹ 200 lakhs. The request to share the cost on 50:50 basis between state and ICAR was requested. The point was noted.

Agenda 6.43: Strengthening of Toxicology Laboratory

TNAU, Coimbatore emphasised on extending the facility of the toxicology laboratory to undertake research on toxicological data generation for registration of agrochemicals in the Central Insecticide Board (CIB).

Agenda 6.44: Up-scaling IT infrastructure in SAUs

TNAU, Coimbatore presented the agenda which was noted.

Agenda 6.45: Expansion of Girls Hostels in all teaching campuses

UAS, Bangalore informed that the admission of Girl students to various undergraduate and postgraduate programs in the UASB has more than doubled during the period 2006-07 to 2010-11. The number of girl students in undergraduate programs has increased from 453 in 2006-07 to 975 in 2010-11. Similar trend is being observed in postgraduate admission. The percentage of girl students is nearly 44 percent of the total student strength. This trend would continue in coming years and it is likely that number of girl students seeking admission may reach 50 to 60

percent of the total student strength due to fast feminization of agriculture profession. There is an urgent need to expand \ construct new girls' hostels in all the teaching campuses. ICAR is requested to provide adequate funding support to accomplish this task. It was noted.

Agenda 6.46: Special fund for century old Bengal Veterinary College cum Faculty of West Bengal University of Animal and Fishery Sciences

WBUAFS, Kolkata presented the agenda. The biggest faculty of WBUAFS is the Veterinary faculty. Previously the faculty was known as Bengal Veterinary College, established by the British Government as early as 1894. Most of the veterinary departments and the administrative activities are in operation from these college building. Special fund is needed for the repair, renovation and maintenance of these buildings as well as for the construction of new buildings. It was noted.

Agenda 6.47: Special fund for modernization of Veterinary Clinic and its management

WBUAFS, Kolkata mentioned that as per VCI guidelines a Veterinary clinic should remain open for 24 hours and the clinic should have all modern facilities. For this purpose constant flow of fund is needed. At present WBUAFS is getting some fund from the state Government, which is not sufficient for modernization of the veterinary clinic. Therefore, ICAR is requested to allocate special fund for this purpose. It was noted.

Agenda 6.48: More fund for ladies hostel and P.G. hostel (ladies & boys)

WBUAFS, Kolkata mentioned that to accommodate more number of girl students in the Veterinary faculty expansion of already existing ladies hostel is essential. For the purpose appropriate additional fund is needed for the Veterinary faculty. Similarly fund is requested for extension of hostel capacity for the PG students also. It was noted.

Agenda 6.49: Inter university exchange of teachers

WBUAFS, Kolkata requested ICAR for fund to implement the scheme. It was informed that a mechanism for the same is under consideration.

Agenda 7: Human Resource Development: Issues and Strategies

Agenda 7.1: Designing a Faculty and Staff Capacity Building Model for Academic Excellence

ADG (HRD) presented the agenda emphasizing that an integrative Faculty Capacity Building Initiative is needed by the ICAR-AU system to build a supportive base for our ambitious efforts to revitalize curriculum and transform campus culture with specific focus on making higher agricultural education more relevant based on identified needs and expectations of stakeholders. A task force/ working group comprising the following was constituted to identify key issues and submit its report within three months.

Dr PK Joshi, Director, Director, NAARM, Hyderabad
Dr AK Gahlot, VC, SKRAU, Bikaner
Dr B Mishra, VC, SKUAST, Jammu

Dr DP Ray, VC, OUAT, Bhubaneswar
Dr SS Honnappagol, VC, KVAFSU, Bidar

[Action: ADG (HRD)]

Agenda 7.2: Post doctorate programme in certain frontier areas viz., Genetic Engineering in Agricultural as well as Veterinary Sciences, Food Biotechnology and Animal Biotechnology, High tech floriculture, Virology and industrial Microbiology, etc. for improving the quality of advance research

The agenda was presented by AAU, Anand. The point was noted.

Agenda 7.3: Residency programme for post graduate students of veterinary faculty in line with medicinal faculty for strengthening practical proficiency inter university collaboration

AAU, Anand presented the agenda. The point was noted.

Agenda 7.4: Strengthening National Centres of Excellence

ANGRAU, Hyderabad emphasised on strengthening of Centre of Advanced Faculty Training (CAFT) in SAUs with latest equipment; other infrastructure facilities especially man power to carry out high quality work as per the mandate of ICAR. The point was appreciated and it was decided to take up the same under capacity building programme.

[Action: ADG (HRD)]

Agenda 7.5: Funds for International Fellowships to faculty and postgraduate students of SAUs for advanced training and higher studies respectively

ANGRAU, Hyderabad presented the agenda. It was desired that the faculty and may take the benefit of scheme already existing.

Agenda 7.6: Attract talented youths

APHU, AP while presenting the agenda emphasised upon

1. Enhancement of the number of National Talent Scholarship (NTS) by ICAR to encourage BiPC stream students towards Horticulture/Agriculture/Veterinary.
2. Introduction of SAU level scholarships by ICAR for UG and PG programmes.
3. To create job opportunities for Horticulture/Agriculture/veterinary UG level candidates within the SAUs and ICAR.

The point was noted.

[Action: ADG (HRD)]

Agenda 7.7: Mechanism in Capacity building of faculty members in SAUs/Vety Universities

GADVASU, Ludhiana presented the agenda. The issue has already been discussed under agenda 7.1.

Agenda 7.8: Fellowships for PG and PhD programmes especially for Veterinary streams

GADVASU, Ludhiana presented the agenda. The point has already been addressed earlier.

Agenda 7.9: Advance Training of Faculty

GADVASU, Ludhiana mentioned that the urgent need of livestock product technologists to be trained in recent advances in food safety, genomics and proteomics tools in relation to livestock products. The point has already been discussed at agenda 7.1.

Agenda 7.10: Involvement/retentions of PG students

GADVASU, Ludhiana emphasised upon good amount of fellowship/ scholarships to the PG students in order retain them. The point has already been discussed.

Agenda 7.11: Identification of National Core Faculty

IARI, New Delhi presented the agenda. It was proposed to provide good quality education, e-learning and distance learning system including Edusat and video conferencing facilities may be utilized and teams of competent teachers may be formed to provide interactive/non-interactive classes that may be suitable to SAUs and DUs. The point was appreciated. A committee was constituted comprising the following to identify the National Core Faculty for selected courses at first.

Prof G Kalloo, VC, JNKVV, Jabalpur

Dr, SS Chahal, VC, MPUAT, Udaipur

Dr AP Singh, VC, DUVASU, Mathura

Dr HS Gaur, Dean & JD (Edn.) IARI, New Delhi as Member Secretary

[Action: ADG (HRD)]

Agenda 7.12: Special scholarship for best students

IGKV, Raipur presented the agenda. The issue has already been discussed earlier.

Agenda 7.13: Moving or visiting faculties of SAUs/International exposure

IGKV, Raipur presented the agenda. The issue has been addressed at the agenda 7.11

Agenda 7.14: Exposure of ICAR Institutes to the P.G. Students

IAU, Junagadh presented the agenda. The same is absolutely covered under MOU, it was mentioned.

Agenda 7.15: Fellowship for M. Sc. (Ag.) and Ph. D. students

JNKVV, Jabalpur presented the agenda. It was decided that the committee constituted for agenda 7.1 may also take up this issue for all SAUs.

[Action: ADG (HRD)]

Agenda 7.16: Provision of funds to visit foreign and Indian institutes

JNKVV, Jabalpur mentioned that the provision of separate funds may be made annually for exposure of KVK scientists to new and modern technologies/ avenues in agriculture by providing them an opportunity to participate in seminar/symposium / conference / agricultural fair/ visit in foreign and reputed Indian institutes. It was decided that the committee constituted for agenda 7.1 may also take up this issue for all SAUs.

[Action: ADG (HRD)]

Agenda 7.17: Proposal for uniform systems of awarding division at Undergraduate/ Post Graduate levels for Agricultural Universities and standard OGPA for awarding Honors Certificate to UG/PG students

JNKVV, Jabalpur presented the agenda. The internal committee constituted for the purpose is working it out.

Agenda 7.18: Best Teacher Award Scheme

KVAFSU, Bidar presented the agenda. It was pointed out that ICAR award money has already been raised. Prize money from the best academic institution can be considered and the balance may be taken from the ICAR. Framing of rules at university level for award is always encouraged.

Agenda 7.19: Uniformity in academic regulations at Undergraduate level in SAUs

GBPUAT, Pantnagar presented the agenda. The point has been addressed earlier.

Agenda 7.20: Mobility of Scientists under Inter University Overseas Exchange Programme

MAU, Parbhani presented the agenda. It was suggested that SAUs being with State Governments it is mandatory to take their permission to visit foreign universities.

Agenda 7.21: Proposal to raise the stipend of B.V.Sc. & A.H. internee students

MPPCVV, Jabapur presented the agenda. The issue has already been addressed at agenda 5.3.

Agenda 7.22: Advance training to Faculty members

MPPCVV, Jabalpur mentioned that a revised PG course curriculum of ICAR adopted by the university includes many advance courses, which needs regular advance trainings to faculty members at National/International level. The suggestion was made to provide the facilities of NAARM, Hyderabad.

[Action: ADG (HRD)]

Agenda 7.23: Provision of Post Doctoral Fellowship

NDRI, Karnal emphasised upon introducing Post Doctoral Fellowship for at least one seat in each discipline of DUs. The committee constituted for realisation of fee structure and bench fee for foreign students will be finalising it along with the operational guidelines.

Agenda 7.24: Faculty and student exchange programme

OUAT, Bhubaneswar presented the agenda. As discussed earlier, the faculty and students may take the benefit of scheme already existing.

Agenda 7.25: ARS/NET Examination and Performance of ARS

OUAT, Bhubaneswar presented the agenda emphasising upon organising a training programme at each University level to create awareness among PG students for new ARS/NET Examination. The point has already been addressed.

Agenda 7.26: Sending in-service teachers abroad for completing doctorate programmes

PAU, Ludhiana presented the agenda proposing that inter-institutional arrangements be revived with universities of international standing in the USA, for which ICAR

could provide the necessary financial assistance. The point has already been discussed.

Agenda 7.27: Central Recruitment Policy for SAUs

RAU, Pusa emphasised upon the need of recruiting at least 50% faculty position through Central Recruitment Agency (ASRB) to enhance the teaching quality as well as check the inbreeding. The proposal was not agreed to. However, the interested AUs may out-source it to ASRB.

Agenda 7.28: Weightage should be given to students of rural background in Admission at UG level

RAU, Pusa emphasised on provision of weightage for students of rural background in admission at UG level. The point was noted.

Agenda 7.29: Provision of merit-cum means scholarships for UG students

RVSKVV, Gwalior presented the agenda. The issue has already been discussed.

Agenda 7.30: Organization of short term training programs/courses, for entrepreneurship development

RVSKVV, Gwalior presented the agenda. The committee constituted under the chairmanship of Dr SL Mehta is looking into the matter.

Agenda 7.31: Inter-university transfer of interested students amongst SAUs

RVSKVV, Gwalior presented the agenda. The issue has already been discussed at length.

Agenda 7.32: Compulsory use of electronic media/computerized teaching for imparting instructions

RVSKVV, Gwalior presented the agenda. The issue has already been discussed.

Agenda 7.33: Inclusion of different specialized agricultural discipline subjects viz., Agronomy, Plant breeding, Soil science, Agriculture Engineering and Veterinary subjects etc. in UPSC and PSC examinations alike science and arts subjects

RVSKVV, Gwalior presented the agenda. It was felt that the committee under the Chairmanship of Dr. R.B. Lal is already working for harmonized nomenclature of all degree programmes. The committee was requested give its recommendations at the earliest. The same may take up this matter also.

Agenda 7.34: Study tours for PG students

SVVU, Tirupati mentioned that ICAR may consider providing financial assistance to study tours of fresh PG students at the end of 1st year of study to expose them to the facilities available and the research priorities of various important institutions of the country. The point was appreciated and noted.

Agenda 7.35: Budget for PG/PhD research

SVVU, Tirupati presented the agenda. The SAUs/Veterinary Universities are facing financial difficulties to support PG and PhD research particularly for purchase of germplasm, costly chemicals/maintenance of sophisticated equipments/feed etc that

is impeding the conduct of quality research. ICAR may specifically allot ₹ 1.00 lakh per PG or PhD student in SAUs/Veterinary Universities for research work. It was suggested that the funds for research work may be provided by the university.

Agenda 7.36: Stipend for B.V.Sc & AH students during internship

SVVU, Tirupati requested ICAR to release grants for meeting the expenditure on stipend for students of B.V.Sc & AH, B. Tech (DT) and B.FSc. course during their internship programme. The issue has already been addressed earlier.

Agenda 7.37: Allotment of budget for sponsoring teachers to symposia/seminars/workshops abroad may be restored by ICAR

SVVU, Tirupati presented the agenda. It was informed that the HRD grant is already there for the same.

Agenda 7.38: Information bulletin for PG degree programmes (2009-10) sl.no. 8, (page-11) “Selection of Candidates”

UBKV, Cooch Behar presented the agenda and said that keeping 40% seats of ICAR quota as a limit in a particular University will deprive the students of a particular State/SAU to be admitted in the ICAR quota in a particular subject according to their choice of SAU/ICAR Institute. The point was noted.

Agenda 7.39: Discouraging inbreeding of both faculty as well as students by increasing national level seats/ exams and forming National Level Recruitment Board with inclusion of respective SAUs

IGKV, Raipur presented the agenda. The point has already been discussed.

Agenda 8: Other issues and strategies

Agenda 8.1: Biosecurity issues are important emerging areas in the country

ADG (PP) mentioned that the cross-border movement within the country and from outside has become overwhelming point of attention in recent times, in the wake of many epiphytotic and epizootic episodes in crops and animals. Suitable capacity building of the faculty members of agriculture, horticulture, veterinary colleges may be considered to be mandatory with establishment of Bio-security Cell in each university. Such bio-security cells of SAUs may further enlarge HRD and training activities to all concerned officials of various identified departments of the respective states. ICAR could offer core competence in developing curricula and training modules in this regards.

[Action: All VCs]

Agenda 8.2: Spurious and low quality formulations of biological control agents

ADG (PP) presented that the spurious and low quality formulations of biological control agents including microbial formulations as well as biopesticides containing neem-based (azadiractin) formulations are perceived threats for poor pest suppression in crops over seasons. In addition, presence of various chemical toxicants, being present in sub-lethal levels, is found, in recent times, to be a perceived threat for sub-normal pest control. SAUs may develop suitable capacity including manpower and infrastructure so as to advice respective states in serving

and developing data-base on such types of marketed formulations so as to enable suitable administrative steps by respective states to weed out such formulations, being marketed even in remote and inaccessible villages. The State Pesticide Testing Labs (SPTL) could be supported by SAU for capacity building.

[Action: All VCs]

Agenda 8.3: Undertaking quality evaluation of other agricultural inputs such as fertilizers, seeds, hormones, vaccines etc.

ADG (PP) emphasized upon joint reconnaissance programme under respective government schemes (RKVY/NFSM) as district plans could go a long way to help farmers' access quality inputs for successful plant stand and crop growth.

[Action: All VCs]

Agenda 8.4: Package of practices (POP) of the SAUs

ADG (PP) mentioned that Package of Practices (POP) of the SAUs are based on the ZREC meetings' deliberations with stakeholders of the state. However, it is desired that (i) ICAR institutes, including crop PCs, be kept as part of the decision making process either/or through circulation of agenda material and through meetings; (ii) the label claims, as depicted in the website, are respected while developing POPs; and (iii) in case, there is a perceived need to still recommend a given pesticide formulation for managing any biotic stress of a given crop species, suitable steps to expand the label claim, with the desired data sets may be submitted to Registration Committee of the Central Insecticide Board to seek such label expansion.

[Action: All VCs/All Directors]

Agenda 8.5: Special Allowance for Managerial Positions

IARI, New Delhi presented that-

- The UGC pay package provides for special allowance of Rs.5,000/- to Vice-Chancellors, Rs.4,000/- to Pro-Vice-Chancellors/Deans, Rs.3,000/- to Associate Deans/Directors/Principals of PG Colleges, Rs.2,000/- for Principals of UG Colleges. It would be appropriate that these allowances are uniformly applied in all SAUs and DUs.
- Implementation of the grade pay of Rs.12,000/- to Sr. Professor/Sr. Principal Scientist on the lines of UGC pay package. This has been implemented in all central universities and some universities.
- Incentives to faculty in order to maintain high standards of education, such as-
 - (i) Provision for participation of the faculty in international conferences at least once in three years which may be linked to research output of the faculty.
 - (ii) The faculty may be paid membership fee for one national or international professional society linked to research output of the faculty.
 - (iii) Book grant of Rs.10,000/- per year may be provided to each faculty member. Books purchased under the grant may be deposited to the university library after some fixed period.

It was informed that the same is already under consideration of the ICAR.

Agenda 8.6: Age of superannuation

IARI, New Delhi presented that the age of superannuation of Vice-Chancellors of agricultural universities including Deemed to be Universities may be raised to 70 years as per UGC norms. The UGC pay package provides the age of superannuation of teachers as 65 years which has been implemented in all central universities and institutes. It is appropriate to remove this feeling of discrimination in SAUs and DUs and implement the superannuation age as 65 years. The point was noted down.

Agenda 8.7: One time regularization of DPLs, who are engaged in different institutions for more than 10-15 years, be done, on humanitarian ground

IARI, New Delhi presented the agenda. It was suggested to discuss the issue at appropriate level.

Agenda 8.8: Writing of Text Books

ANGRAU, Hyderabad presented the agenda. The point was appreciated and noted.

Agenda 8.9: Strengthening of public – private partnership in Transfer of Technology

ANGRAU, Hyderabad presented the agenda. The point was noted.

Agenda 8.10: Provision of RKVY funds for extension units of SAUs

ANGRAU, Hyderabad presented the agenda. The ICAR may request the Secretary, DoAC, Govt. of India to write to all the State Chief Secretaries requesting them for reactivating the scheme.

[Action: DDG (Extn.)]

Agenda 8.11: Technology commercialization by the SAUs

ANGRAU, Hyderabad presented the agenda. The point was noted.

Agenda 8.12: Recognition of ‘Viswavidyalaya Seed Testing Laboratory’ with the facilities already created therein / or with the advancement of further requirement for seed certification purpose

BCKV, Mohanpur presented the agenda. The point was appreciated.

Agenda 8.13: The challenges of increasing the agricultural productivity of important cropping sequences (e.g., the rice-wheat system in the IGP) in the background of decreasing and/or stagnant yield trends and declining crop responses to external inputs

BCKV, Mohanpur presented the agenda. The point was appreciated and noted.

Agenda 8.14: Enhancement in the age of superannuation to 62 years in all state agricultural universities on ICAR pattern

CCSHAU, Hisar presented the agenda. The universities were suggested to get the approval of State Governments on the matter.

Agenda 8.15: Transfer of KVKs to the nearest Agricultural/Veterinary Universities

DUVASU, Mathura presented the agenda emphasising that the KVKs should also be transferred to newly created Veterinary Universities. It was decided that the committee already constituted will see on the matter regarding reallocation of KVKs.

[Action: DDG (Extn.)]

Agenda 8.16: Strengthening of Directorate of Extension Education (DEE)

GADVASU, Ludhiana presented the agenda emphasising that the ICAR should provide adequate funds under the development grant for the strengthening of Extension Education and establishment of new KVKs particularly for newly established university. The point was noted.

Agenda 8.17: Reclamation of village ponds by Bioremediation

GADVASU, Ludhiana mentioned that duckweed based bioremediation model may be used for raising the productivity of village ponds. The state government should instruct the panchayats to adopt this technology. The same technology can be used by commercial dairy farmers for making the waste water suitable for fish farming. The point was appreciated.

Agenda 8.18: Clinical interventions

GADVASU, Ludhiana presented the agenda mentioning that orthopaedic surgery, urolithiasis, thoraco-abdominal affections, surgical oncology, soft tissue surgery need to be worked upon and innovative surgical techniques need to be developed. New anaesthetic techniques, drugs, combinations need to be evolved to increase the survival rate of surgical patients. Inhalation anaesthesia needs to be developed and used as a routine for various surgical procedures. Pain management which is the most neglected part in the present day scenario should be addressed to and stress must be laid on evolving new protocols for pain management in animals. The concern was appreciated.

Agenda 8.19: Establishment of Referral Laboratory to check adulteration in meat and meat products

GADVASU, Ludhiana mentioned that there is increase in incidence of adulteration in meat and meat products or killing of wild animals for meat purpose, mixing of animal fat in milk fat/desi ghee etc. which is a big issue of concern w.r.t. vetro-legal aspect. There being no referral laboratory in Northern India especially (Haryana, Punjab, Himachal etc.), it needs to be established.

Agenda 8.20: Upgradation of the posts of Senior Technical Assistant to the post of Junior Scientist working under All India Coordinated Research Projects in State Agricultural Universities

GBPUAT, Pantnagar presented the agenda. It was felt that the recruitments were made by the university as per its own rules hence; the ICAR has no role to play.

Agenda 8.21: Establishment and Management of Plant Genetic Resources Centre

IGKV, Raipur presented the agenda. It was suggested to consider proposing the same in the XII Plan.

[Action: DDG (CS)]

Agenda 8.22: Agro-technology Park in KVKs

JNKVV, Jabalpur presented the agenda emphasising upon a provision of ₹ 20 lakh for each KVK. It was suggested to consider the same in the XII Plan.

[Action: DDG (Extn.)]

Agenda 8.23: Provision for additional fund for Farmers Hostel at university headquarter

JNKVV, Jabalpur required an additional fund of ₹ 60 lakh for completion and developing assets for the Farmers Hostel at university headquarter. It was suggested to consider the same in the XII Plan.

[Action: DDG (Extn.)]

Agenda 8.24: Provision for fund for Kisan Mela at KVK level

JNKVV, Jabalpur mentioned that a provision of ₹ 2.0 lakh for each KVK be made to organize *kisan mela*. It was suggested to consider the same in the XII Plan.

[Action: DDG (Extn.)]

Agenda 8.25: Staff Training Center

JNKVV, Jabalpur presented the agenda emphasizing on a full flagged Staff training center as per recommendation of the Fourth's Dean Committee at the university. It was suggested to propose a Central College in the XII Plan instead of having Staff Training Centre in each university.

[Action: DDG (Edn.)]

Agenda 8.26: ICAR making it mandatory for ICAR scientist getting involved in teaching activities of the SAUs. Publishing a list of ICAR scientist willing to take up teaching responsibility, with their field of specialization

KAU, Thrissur presented the agenda. It was decided that the ICAR scientists may only help in guiding the students and the SAUs may approach ICAR institutes directly.

[Action: All SAUs]

Agenda 8.27: Placing PG students of SAUs for doing research work in the projects in ICAR institutes, in place of JRF/SRF. The ICAR scientist will be identified as Co-Chairman of the Advisory Committee of the student

KAU, Thrissur presented the agenda. The proposal was agreed upon and the SAUs may approach ICAR institutes directly.

[Action: All SAUs]

Agenda 8.28: Establishment of Heritage Parks for conservation of native germ plasm

KVAFSU, Bidar mentioned to take up selective breeding programmes for breed improvement and need to establish Heritage Parks to maintain elite animals of these breeds. Thus requesting the Council to provide funds for establishing two heritage parks one for Amrithmahal and Hallikar and the other for Deoni and Khillar breeds of cattle in Karnataka. It was suggested to consider the same in the XII Plan.

[Action: DDG (Edn.)]

Agenda 8.29: Centre for Entrepreneurship Programme in Tribal Areas of Madhya Pradesh for development of Herbal Products

MPPCVV, Jabalpur presented the agenda. It was suggested to take up the same in the XII Plan.

[Action: DDG (Extn.)]

Agenda 8.30: Provision of short term research project

OUAT, Bhubaneswar mentioned that after closure of NARP and decline in Plan Grants, most of the states could not support Zonal Research Stations and infrastructures created there, which was very much required and requested to strengthen them through ICAR funding. It was suggested to try the same in the XII Plan.

[Action: ADG (PIM)]

Agenda 8.31: Funding for ad-hoc research projects under ‘AP Cess Fund’

PAU, Ludhiana requested that the SAU be granted ad-hoc research projects under the AP Cess Fund for wider involvement of the faculty in research and also to enhance the financial status of the agricultural universities for favour of research, teaching and extension activities. It was suggested that AP Cess Fund is no more available.

Agenda 8.32: Improvement of ravines/wastelands/watersheds through unemployed agriculture graduates

RVSKVV, Gwalior presented the agenda. It was suggested to provide a concept note giving all details like geographical area, unit cost etc. after thorough discussions with the NRM division, which can be moved to the agencies doing this type of developmental work .

[Action: VC, RVSKVV, Gwalior/DDG (NRM)]

Agenda 8.33: Reconsideration for awarding the ad-hoc research projects to AUs on researchable aspects by the council

RVSKVV, Gwalior presented the agenda. It was decided to pursue the same in the XII Plan.

Agenda 8.34: Creation of Agriculture University Scientists Recruitment Board and separate cadre of Indian Agricultural Services

SKRAU, Bikaner mentioned that like ASRB, Regional Agricultural Scientists Recruitment Board should be developed in order to efficiently and timely recruitment of agricultural scientists in SAUs. A separate cadre of Indian Agricultural Services like IAS, IPS, IFS, IES etc. may also be considered. The point was discussed but no consensus emerged.

Agenda 8.35: Budget for creating video conferencing facilities

SVVU, Tirupati mentioned that to utilize fully the technical capabilities of a teacher in specialized field available in one college by students in other colleges, all colleges shall be linked with video conferencing facility. The ICAR may provide ₹50.0 lakhs as one time grant for this purpose. The suggestion was noted.

[Action: ADG (EPD)]

Agenda 8.36: ICAR to initiate debate on Three Bills coming before parliament for discussion

UAS, Bangalore mentioned that the ICAR to hold debate on the three bills viz., (1) The Biotechnology Regulatory Authority of India Bill, 2009, (2) The Seeds bill, 2004, and (3) Draft National Food Security Bill, 2010 which is coming before the parliament for discussion during coming session. As these bills have wider

implication on agricultural sector. It was commented that the Seed bill has already been discussed several times. We may send for circulation whatever is available. Regarding others we may be aware of the contents.

Agenda 8.37: Concept paper on the 12th Five year Plan

UAS, Bangalore mentioned that the eleventh five year plan will be coming to an end by 2011 and Planning Commission is mooted the idea of preparing concept papers for 12th Five year plan. It would be appropriate for the ICAR to take up this task involving SAUs. It was mentioned that the working group has been formed for preparing the draft approach paper. All have been requested to provide inputs in order to involve everybody in the process.

[Action: All SAUs]

Agenda 8.38: Sanctioning research projects (may be minor research projects for the junior teachers of the faculty)

WBUAFS, Kolkata mentioned that to encourage junior teachers in research activities special projects may be in the form of minor research projects like that of UGC is to be sanctioned. It was suggested to pursue the same in the XII Plan.

[Action: All SMDs]

On February 23, 2011, the Interface of Vice Chancellors of Agricultural Universities and Directors of ICAR Institutes was held with participation of Vice Chancellors of all Agricultural Universities, Directors of ICAR Institutes, Zonal Project Directors, Project Coordinators and the senior officers of the ICAR. Before the agenda items were taken for discussion, DG, ICAR requested the distinguished guests for their remarks.

Dr R. B. Singh, President of National Academy of Agricultural Sciences & former Chairman ASRB, complemented the Director General, Dr. S. Ayyappan, for presenting a comprehensive overview of the ICAR and remarked that to ensure food security, there is need to give greater emphasis in XII Plan to Indo-Gangetic Plains and the small holding farmers. He further pointed out that quality of agricultural education is to be increased so that competent agriculture graduates come out to take up the challenges and priority is given to evolve technologies and management options to suit the need of farmers with small land holdings. He emphasised that growth in agriculture sector must match and complement the growth of other sectors and multidisciplinary approach be adopted in research. He also informed that the theme of the next conference of Academy is "Agriculture Education and Youth".

Dr. P. L. Gautam, Chairman, Protection of Plant Varieties and Farmers Right Authority, observed that NARS has delivered a lot in the past and continues to do so even today. Human resource development is required to identify the role of agriculturist in different sectors of growth. He further pointed out that there is a need for change and NATP was a process to initiate the change. The change must continue he reiterated. He also advocated that all germplasm be registered and system must be developed to register farmers' varieties.

Shri Rajiv Mehrishi, Additional Secretary, DARE & Secretary, ICAR, dwelt upon the role of DARE in signing the MOU with international organizations, delegation of powers to Project Leaders, changed process of project submission in Consultative Group on International

Agricultural Research (CGIAR) and Strategy and Results Framework (SRF). He emphasized that MOU with international organizations are to be signed through Government of India, through DARE. It was suggested that the projects of small funding from multinationals should be taken after careful consideration as this may not reflect well on the Institutes, while perhaps giving some commercial advantages to the firm. He stressed that financial powers have been delegated to Directors which must further be appropriately, delegated to researchers. It was clarified that Institute should not waste resources and time of staff on hospitalities in case of visitors except VIPs; the delegation may be taken in visitor's room and given a standard presentation, followed by a short Q & A session by one or two scientists of the Institute.

Dr. R.S. Paroda, Chairman, Haryana Farmers' Commission, and Dr. C.D. Mayee, Chairman, ASRB, presented the Draft Report of the "Committee to Review ARS". The report was discussed in detail, and the Chairman of the Committee Dr. R.S. Paroda, thanked the participants for useful suggestions and discussion.

Thereafter the agenda items were taken for discussion.

Agenda 1: Filling up of vacant posts of scientists in the AICRPs/AINPs

UBKV, Cooch Behar presented the agenda. While sanctioning AICRPs/AINPs to the SAUs, ICAR creates many posts of scientists in the different ranks equivalent to Aast. Professor, Associate Professor and Professor. The concerned SAUs are supposed to fill up these posts of scientists as per rules and regulations prevailing in that particular AU. The posts are also filled up as per the reservation rules of the State. Sometimes it is found very difficult to get the candidates for filling up the vacancies under reserve quota. The difficulties are more in case of higher ranking posts like Associate Professor and Professor. Under the situation, ICAR may bear with these difficulties of AUs and the time limit for filling up such vacancies should be extended so that the candidates under reserve category are found. The second approach may also be initiated by downgrading the higher posts into the base post; e.g. posts equivalent to the rank of Professor and Reader may be downgraded to the equivalent rank of Associate Professor and Asst. Professor respectively. It was informed that the critical review of AICRP Centres will be undertaken from April 2011 onwards and such issues will be considered.

[Action: All DDGs]

Agenda 2: Filling up of positions under AICRPs

CRIDA Hyderabad mentioned that several positions of teaching and non-teaching staff are lying vacant in AICRPs, and SAUs are unable to fill up due to restrictions from the State Governments. ICAR may consider allowing SAUs to fill up RA positions in case of Assistant/Associate Professors and persons on contract basis for other positions like technical assistants, field assistants, stenographer, driver etc, so that these positions do not remain vacant permanently and work does not suffer. Discussed in Agenda 1.

[Action: All DDGs]

Agenda 3: Filling up of all vacant posts in the scientific, technical and administrative categories on priority

IARI, New Delhi presented the agenda. It was decided to take up the matter separately.

[Action: DDG (CS)]

Agenda 4: ICAR-KVK-ICAR vacant post in TNAU- Filling up vacancies

TNAU, Coimbatore presented the agenda for filling up the ICAR post. It was discussed in Agenda 1.

Agenda 5: Institution of National Award for Best Extension Worker

CCSHAU, Hisar mentioned that on the pattern of Best Teacher Award sponsored by ICAR in SAUs, Best Extension Scientist Award be instituted to recognize and motivate outstanding Extension Workers. The award may carry the same amount of money as that of best teacher award. The proposal for this purpose will be made by education division in XIIth plan.

[Action: ADG (Coord.)]

Agenda 6: Notification of the revised guidelines for promotion of scientists under care advancement schemes in SAUs

CCSHAU, Hisar presented the agenda. It was informed that everything has been devised thoroughly and the proposal has been sent for the approval of DOPT.

Agenda 7: Early release of arrears of 6th pay scales to the scientist working in the ICAR/KVKs/State schemes

CCSHAU, Hisar presented the agenda. The point was discussed.

Agenda 8: Release of 80% ICAR share of arrears of 6th Central Pay Commission's recommendations in respect of Scientists/ Staff working in the All India Coordinated Research Projects

GBPUAT, Pantnagar presented the agenda emphasizing upon the release of 80% ICAR share of arrears of 6th pay commission in respect of scientists working in AICRPs. It was decided to look into the matter.

[Action: All DDGs]

Agenda 9: Release of ICAR share of arrears of 6th Central Pay Commission's recommendations in respect of Scientists/ Staff working in the KVKs

GBPUAT, Pantnagar presented the agenda. It was informed that the request has been made for Non-Plan from Plan programme contingency.

[Action: DDG (Extn.)]

Agenda 10: Revision of Pay Scale of KVK staff

UBKV, Cooch Behar presented the agenda emphasizing that the ICAR may take a decision that the SMSs and Project Coordinators should be treated as Assistant Professor and Associate professor respectively. It was decided to review the matter in XIIth plan.

[Action: DDG (Extn.)]

Agenda 11: Creation of scientific talent pool at national level

RSVSKVV, Gwalior presented the agenda. It was informed that under Post Doctoral Fellowship Programme the provision has already been made.

Agenda 12: Capacity building for institutes as well as individuals

AAU, Anand mentioned that capacity building for institutes as well as individuals can be achieved by collaborative work/projects with some well known reputed institute of nation as well as abroad. The issue was discussed under agenda 7.1.

Agenda 13: Restoring position of Assistant Director General (Home Science)

PAU, Ludhiana proposed that the post of Additional Director General (Home Science) be restored at the ICAR level to strengthen the component of Home Science to serve the mandate of improving the quality of life of rural families in a better manner. The necessity of restoring the post of ADG (Home Science) was felt. It was decided to take up the matter separately.

[Action: DDG (Extn.)]

Agenda 14: Filling up of ADG (Home Science) post in ICAR

ANGRAU, Hyderabad presented the agenda and emphasized upon restoring the post of ADG Home Science in ICAR. The point was discussed at agenda 13.

Agenda 15: Posts of DDG, ADG and Principal Scientist of Home Science at ICAR level

CCSHAU, Hisar presented that based on the recommendation of Randhawa Committee Report, Home Science Colleges were established in State Agricultural Universities for imparting Home Science education to rural girls with special emphasis on improving quality of life of farm families. Therefore, there is a dire need to address the issue and strengthen this sector as Women in Agriculture and Home Science discipline. Commensurate with their contribution, ICAR may consider creating Division/Posts so as to cater to this need. It was decided to look into the matter later on.

[Action: DDG (Extn.)]

Agenda 16: Identification of Home Science Colleges as Human Resource Development Centres

ANGRAU, Hyderabad mentioned that Home Science Colleges should be identified as Human Resource Development Centres as they deal with several aspects related to farm and home especially in rural areas. It was decided to look into the matter later on.

[Action: DDG (Edn.)]

Agenda 17: Provision of NPA/NCA to Agriculture Scientists

CCSHAU, Hisar mentioned that on the pattern on Veterinary Scientists, Non Practicing Allowance/Non Consultancy Allowance should be given to Agricultural Scientists. The agenda was discussed.

[Action: Director (P)]

Agenda 18: Central University status to IVRI deemed University

IVRI, Bareilly presented the agenda based on recommendations of Dr. Panjab Singh Committee of UGC. It was suggested that IVRI should explore the possibilities.

[Action: Director, IVRI]

Agenda 19: Development of norms by ICAR for the establishment of professional chairs, fellowships, awards in the public sector institutions

ANGRAU, Hyderabad presented the agenda. It was informed that the steps are being taken in this regard.

[Action: ADG (HRD)]

Agenda 20: Linking of ICAR institutes with the National Institute of Open Schooling (NIOS) for vocational education in agriculture and allied areas

ADG (EQR) presented the agenda. The Director (Vocational Education), National Institute of Open Schooling, NOIDA, Gautam Buddha Nagar vide letter F.No. 1/NIOS/VED/Agri/ICAR- corssp/2 dated 20.10.2010, addressed to the Directors of ICAR Institutes with a copy to the DG, ICAR, has requested for collaboration for the courses conducted by the ICAR institutes. As per proposal, the ICAR institutes can become Accredited Vocational Institutions of NIOS to act as study centres for providing trainings on enlisted programmes, for which the material support will be provided by the NIOS and the income accrued through fee will be shared between the two organizations. Further suggestions for new courses in agriculture, horticulture, fisheries, and animal husbandry disciplines have also been invited. The committee constituted for the purpose will give the recommendations.

Agenda 21: Request for direct funding to the coordinating centres

WBUAFS, Kolkata requested to disburse fund directly to coordinating centre by ICAR instead of through IVRI, Izatnagar for the project outreach programme on “Livestock related environmental pollutant, contaminants and toxicants”. This will help the coordinating centers to do their work as per schedule. It was decided to take up the matter in XIIth plan.

[Action: DDG (AS)]

Agenda 22: All the Principal Scientist of ICAR institutes should automatically be inducted as visiting faculty member or guide for M.Sc. & Ph.D. scholars in the SAU of the region

CICR Nagpur presented the agenda. ICAR Institutes and SAUs may interact and pursue such collaboration, as feasible.

[Action: All SAUs & ICAR Institutes]

Agenda 23: AICRP-SAUs

DWR, Karnal presented the agenda on frequent changes in the scientific staff working under AICRPs, vacant positions at SAUs, timely submission of audit utilization certificate and allotment of the land and other resources to AICRP project etc. It was discussed in agenda 1.

Agenda 24: Strengthening of Centres/KVKs

Agenda 24.1- Agenda 24.12 on strengthening of AICRP Centre/KVKs

It was informed that the critical review of AICRP Centres will be undertaken from April, 2011 onwards.

Agenda 24.13: Centre for Development of Panchgavya products for Animal Health Care

MPPCVV, Jabalpur presented the agenda. The efficacy of panchgavya preparations as immune enhancer, antibacterial, antistressor, insecticide and organic fertilizer will be evaluated to develop stable and sufficient shelf life preparations of panchgavya. The panchgavya formulations for oral use and also in form of soap and shampoo preparations will be formulated for their commercial use. It was decided to look into the matter later on.

Agenda 24.14: Network project on Singhara (Water chestnut) for JNKVV, Jabalpur.

JNKVV, Jabalpur requested for a network project on Singhara (Water chestnut). It was informed to review the AICRPs from April, 2011 onwards.

Agenda 24.15: AICRP on Paddy at Waraseoni, JNKVV, Jabalpur

JNKVV, Jabalpur presented the agenda. It was decided that the critical review of AICRP Centres will be undertaken from April, 2011 onwards.

Agenda 24.16: Funds to Establish Livestock Farmers Training Hostel at Jabalpur, Mhow and Rewa

MPPCVV, Jabalpur mentioned that to provide livestock related animal husbandry trainings to the farmers, there is an urgent need for establishment of Farmers Training Hostel of 50 bed capacity at Livestock Farm Jabalpur, Mhow and Rewa. It was suggested to take the matter later on.

Agenda 24.17: AICRP on improvement of nondescript Jebu Cattle in MP

MPPCVV, Jabalpur presented the agenda. It was mentioned that the critical review of AICRP Centres will be undertaken from April, 2011 onwards.

Agenda 24.18: Establishment of Post harvest technology Research Centre at, MPPCVV, Jabalpur

MPPCVV, Jabalpur mentioned that an advance post harvest technology research centre is highly essential to cater the needs of the consumers as well as to support profitable technologies to the farmers for value addition. It was suggested to take it up in XIIth Plan.

Agenda 24.19: More support for HTEL Units

SVVU, Tiruapti mentioned that HTEL units are to be created in all the colleges. However, ICAR has given very few units to each university. ICAR may consider sanctioning some more units to Universities. It was suggested to consider it in XIIth plan.

Agenda 24.20: Provision of fund assistance for companion animal research

KVAFSU, Bidar mentioned that in order to boost the research in canines and to convert this into Institute for Canine Research large amount of fund support is required and the Council is requested to support this cause by way of grants. The matter will be included in XIIth plan.

Agenda 24.21: Diversification of Agriculture through Agro-Forestry

CCSHAU, Hisar mentioned that the infrastructure and support services for agroforestry are inadequate. Seeds of multipurpose tree species, quality planting materials and access to nurseries and other sources of inputs are not adequately developed. The point was noted.

Agenda 24.22: Policy of funding by ICAR in respect of AICRPs etc. may be given a re-look and ICAR may consider to allot additional fund to the SAUs in order to enable the SAUs to extend better and meaningful infrastructural support to these Projects

BCKV, Mohanpur presented the agenda. It was decided that the critical review of AICRP Centres will be undertaken from April 2011 onwards.

Agenda 24.23: Establishment of Agriculture Polytechnics in RRS for production of Semi-technical manpower in the field of agriculture

UBKV, Cooch Behar, West Bengal presented the agenda. The issue was discussed.

Agenda 24.24: Research aim for Agriculture Produce Traceability, quality and farm management applications

BCKV, Mohanpur emphasised that research aim should be to develop appropriate value chain to meet the global standard of the produce. It was suggested to give emphasis on the matter in XIIth Plan.

Agenda 24.25: Trials on Transgenic Crops

UAS, Bangalore mentioned that there is need to have open debate and consensus whether the universities should take up trials on GMZ\ transgenic crops. The ICAR to come out with common guidelines and regulations for conduct of field trials, experiments on transgenic crops by SAUs and ICAR institutions. The issue was discussed and it was decided to set the guidelines for the purpose.

[Action: DDG (CS)]

Agenda 24.26: Revival of All India Network Project on Pesticide Residues Scheme

TNAU, Coimbatore presented the agenda. It was decided to take steps after the review of AICRPs.

Agenda 24.27: Support for Enhancement of productivity in different agricultural and veterinary sectors

SKUAST, Jammu mentioned that to boost the productivity as well as production in agriculture and animal sectors collaborative research is required for vegetables, forages, agroforestry, pulses, intensification of fish culture, poultry health and production, livestock diseases surveillance and monitoring, and sheep/goat improvement. For all this, SKUAST-Jammu needs support from ICAR in the form of All India Coordinated Projects during XIIth plan. It was discussed in agenda 1.

Agenda 24.28: Establishment of National Centre of Excellence in OUAT, Bhubaneswar

OUAT, Bhubaneswar presented the agenda emphasizing on centre of excellence on Agronomy, Food Processing and Post Harvest Technology, Veterinary Medicine and Veterinary Anatomy. The point was noted.

Agenda 24.29: Approval of a centre of the ICAR network project on climate change

SKRAU, Bikaner proposed that the ICAR may consider sanctioning a centre of the Network Project at SKRAU, Bikaner.

[Action: DDG (NRM)]

Agenda 24.30: Proposal for new centres of NNWP on Arid Legume

CAZRI Jodhpur presented the agenda. The new centres of the NNWP on ARID Legume is required during the 12th Plan period at the following locations for successfully introducing the Arid Legumes Crops/Proposal.

1. New Centre on guar at SVVU, Tirupati
2. New centre for moth bean/cow pea at Rahuri

The proposal was noted.

Agenda 24.31: Functioning of the AICRP on Medicinal & Aromatic Plants and Betelvine

DMAPR, Anand presented the agenda and was noted.

Agenda 25: Audit utilization certificate, AICRP on Water Management & AICRP on Groundwater Utilization

DWM, Bhubaneswar mentioned that AICRP Centres operational at State Agricultural Universities should submit Audit Utilization Certificates (AUCs) by 30th June positively as AUC is an important document requirement for releasing the funds to respective AICRP centres.

All centers of the scheme “Scaling up of Water Productivity in Agriculture for livelihoods through Teaching cum Demonstration, Training of Trainers and Farmers” were requested to provide information on achievement of targets to the DWM, Bhubaneswar.

[Action: All SAUs)]

Agenda 26: Courses on Rodentology, AINP on Rodent Control

CAZRI, Jodhpur proposed that the curriculum for UG/PG programmes must include separate courses on Rodent Pest Management and / or Vertebrate Pest Management. The existing contents of the course taught under Entomology are very meagre and therefore, require further strengthening so that UG/PG/PhDs on rodent / vertebrate pest management are available. Also, Project Coordinators of AICRPs/AINPs should be involved in selection process for filling up scientific vacancies of the Project at SAU based centres. The scientists working in AICRPs/AINPs in SAU based centres may not be transferred quite frequently and concerned PCs may be consulted while transferring the Project Scientists.

[Action: All SAUs; ADG (EQR)]

The meeting ended with a vote of thanks by Dr. R.K. Mittal, ADG (EQR).