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27 May 2014

SRI KARAN NARENDRA AGRICULTURE UNIVERSITY, JOBNER

**PROCEEDINGS OF THE 1st RESEARCH COUNCIL MEETING HELD ON 06.05.2014 IN
THE MEETING HALL OF SKN COLLEGE OF AGRICULTURE, JOBNER**

The first meeting of Research Council of Sri Karan Narendra Agriculture University, Jobner was held at the University Campus in Jobner on 6th May, 2014. Dr. S.L. Mehta, Former Dy. Director General (Education), Indian Council of Agriculture Research, New Delhi and Former Vice-Chancellor, Maharana Pratap University of Agriculture and Technology, Udaipur and Dr. S.K. Sharma, Director, Central Institute of Arid Horticulture, Bikaner participated as learned Member of the Council. Among the State Government representative, Mrs. Shruti Sharma, IFS, Chief Conservator of Forest, Rajasthan, Jaipur also attended the meeting. The Director of Agriculture, Director of Horticulture, Director of Fisheries, Govt. of Rajasthan and Dr. O.P. Sharma, Head, Deptt. of Agronomy, SKNCOA, Jobner could not attend the meeting. The following Members were present:

1.	Dr. Narendra Singh Rathore, Hon'ble Vice-Chancellor, SKNAU, Jobner	Chairman
2.	Dr. S.L. Mehta, Former DDG (Education), ICAR and Former Vice Chancellor, MPUA&T, Udaipur	External Member
3.	Dr. S.K. Sharma, Director, CIAH, Bikaner	External Member
4.	Mrs. Shruti Sharma, IFS, Chief Conservator of Forest, Rajasthan, Jaipur	Member
5.	Dr. Sangram Singh, Director Extension, SKNAU, Jobner & Head, Deptt. of Extension, SKNCOA, Jobner	Member
6.	Dr. V.K. Yadav, Director (PM&E), SKNAU, Jobner & Head, Deptt. of Biochemistry, SKNCOA, Jobner	Member
7.	Dr. N.K. Sharma, Director Education, SKNAU, Jobner	Member
8.	Dr. G.S. Bangarwa, Director, Students' Welfare, SKNAU, Jobner	
9.	Dr. Swaroop Singh, Director, RARI, Durgapura, Jaipur	Member
10.	Dr. G.L. Keshwa, Dean, SKNCOA, Jobner	Member
11.	Dr. Amar Singh, Dean, COA, Kumher & PC, KVK, Kumher, Bharatpur	Member
12.	Dr. Rakesh Sammauria, Dean, COA, Lalsot	Member

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13.	Dr. Harphool Singh, Dean, COA, Fatehpur	Member
14.	Dr. B.L. Sharma, ZDR ARS, Fatehpur-Shekhawati (Sikar)	Member
15.	Dr. R.P. Tiwari, ZDR, ARS, Navgaon, Alwar	Member
16.	Dr. G.N. Mathur, PC, KVK, Tabiji (Ajmer)	Member
17.	Dr. M.P. Yadav, PC, KVK, Navgaon (Alwar)	Member
18.	Dr. R.N. Sharma, PC, KVK, Dausa	Member
19.	Dr. Juned Akhter, PC, KVK, Fatehpur-Shekhawati (Sikar)	Member
20.	Dr. R.K. Meena, PC, KVK, Dholpur	Member
21.	Dr. (Mrs.) Shruti Verma, PC, KVK, Gonera-Kotputli (Jaipur)	Member
22.	Dr. S.K. Khandelwal, Prof. & Head, Deptt. of Horticulture, Jobner	Member
23.	Dr. B.L. Yadav, Prof. & Head, Deptt. of Soil Science & Ag. Chemistry, SKNCOA, Jobner	Member
24.	Dr. M.C. Bhargava, Prof. & Head, Deptt. of Entomology, Jobner	Member
25.	Dr. K.S. Shekhawat, Prof. & Head, Deptt. of Plant Pathology, Jobner	Member
26.	Dr. B.L. Kakralya, Prof. & Head, Deptt. of Plant Physiology, Jobner	Member
27.	Dr. Avdhesh Chandra, Prof. & Head, Deptt. of Ag. Engineering, Jobner	Member
28.	Dr. R.C. Sharma, Prof. & Head, Deptt. of Ag. Economics, Jobner	Member
29.	Dr. Mahesh Dutt, Prof. & Head, Deptt. of Livestock, SKNCOA, Jobner	Member
30.	Dr. K.N. Gupta, Prof. & Head, Deptt. of Statistics, SKNCOA, Jobner	Member
31.	Dr. K. Ram Krishna, Director Research, SKNAU, Jobner & Head, Deptt. Of Plant Breeding & Genetics, SKNCOA, Jobner	Member Secretary

At the outset, the Chairman welcomed the External Members and all the members of Research Council and gave a brief overview of the University and looked forward to set new research agenda for meeting challenges of Rajasthan Agriculture based on the suggestions of the members. He further mentioned that it is a privilege to have Dr S.L. Mehta, the distinguished scientist and administrator well known in the country as our Research Council member and looked forward to his guidance in developing excellence in research.

Prof. S.L. Mehta in his initial remarks said that it is really a privilege for him to be in the SKNAU, Jobner and congratulated all members for creation of new Agriculture University at Jobner. He further congratulated Dr N.S. Rathore Hon'ble VC on accepting the responsibility of the University. He further said that Dr Rathore sacrificed the position of DDG (Engg) at

ICAR to come to this university because of his love for the region. Under his dynamic and able leadership the university will make rapid progress and will be instrumental in propelling agricultural growth in the region.

Thereafter, Dr. K. Ram Krishna, Director Research welcomed all the members of the Council and presented the research highlights of the University including research gaps, which have been observed after creation of the University. He highlighted various development programmes of the University. He further informed the learned house that University has developed a number of varieties for different groups of crop and vegetables which are very popular with the farmers of the state. Activities undertaken by University in Suraj Sankalp Manifesto including organisation of one day brain storming session on Dry Land Agriculture were also brought to the notice of the house. He further informed that Azola cultivation developed at KVK, Ajmer, is quite cost effective and useful for providing enriched green fodder for cattle, goats and for poultry. Attempts made on protected cultivation at different stations including Durgapura and Jobner Campus were also projected. Status of signing of Memorandum of Understanding in respect of All India Coordinated Research Improvement Projects, CIPHET for submission of R&D Projects, collaboration of work on value addition and ACTS lab for ICT based micro-irrigation was also informed to the House. He also submitted that work on organic farming has already been introduced at Jobner along with work on shallow tunnel, non-woven set-up and canopy under canopy etc.

Similarly, Dr. Swaroop Singh, Director, Rajasthan Agriculture Research Institute, Durgapura, Jaipur, Dr. B.K. Tiwari, Zonal Director Research, Agricultural Research Station, Navgaon (Alwar) and Dr. B.L. Sharma, Zonal Director Research, Agricultural Research Station, Fatehpur-Shekhawati (Sikar) also highlighted the achievements, present activities and future research plans of their research stations. Dr. Swaroop Singh also informed the house recent innovation introduced at RARI, Durgapura in the field of revenue generation. He apprised about establishment of number of units at RARI including protected cultivation, canopy under canopy, vermicomposting and sale counter for farm fresh etc.

Mrs. Shruti Sharma, IFS, Chief Conservator of Forest, Rajasthan, Jaipur in her remarks said that the Department of Forest observes a gap in agriculture production and agro-forestry particularly in Rajasthan context, therefore, she suggested agro-forestry be introduced along

with research on agriculture. She stressed that under the climate change scenario, agro-forestry also needs to be taken care of with the mix of agriculture.

Prof. N.S.Rathore, Hon'ble Vice-Chancellor in his address presented his opinion about the future agenda of the research of the University. He stressed on the need to work on dryland agriculture, which has direct bearing with the mandate of thrust areas of Suraj Sankalp Manifesto of the State Government. On the dryland agriculture, road map is being prepared, which will be submitted to the State Government. As far as the farm management and surveillance is concerned, the University farms are lacking in number of ways i.e. appropriate fencing, adequate water supply and modern tools and equipments etc. He suggested that the work on organic farming and other technologies should be promoted to reduce pesticide use at farmer's field level. Custom hiring set-up for required farm implements is also to be taken into consideration. He apprised the work on dairy farming, which is a profitable business carried out at SKNCOA, Jobner. The Hon'ble Vice-Chancellor has stressed on formulation of research proposal on sketching thermal comfort for animals and back yard poultry and also suggested for set-up of crop museum at SKNAU, Jobner along with development of herbal garden.

Prof. S.K. Sharma, Director of Central Institute of Arid Horticulture extended his pleasure to be a part of the research council of University. He emphasized that PG student's research programme is very important in present context and need to focus on quality. He also emphasized that the agro-forestry unit in Fatehpur-Shekhawati is the oldest establishment and should be strengthened. He suggested implementation of single window system for university technologies and input supply. Agro-forestry centre can play much role in agro-forestry development.

Dr. Mehta appreciated the presentation made by the research units and the important role played by University units specially RARI in developing high yielding varieties of crops and vegetables which have spread through out Rajasthan and have helped farmers to increase their income. He appreciated the new initiatives taken by the University. Dr. Mehta further added that this University has got best research faculties. For the individual presentation, he suggested that presentation should have included total teaching strength of different units, varieties developed, publication in NAAS rating journals, status of breeder seed production and area under coverage by varieties, etc. He stressed that one of the major mission of the

University should be to enhance the income of the farmers. For accomplishing this, the integrated farming system should be one of the approaches. He stressed for preparation of road maps for teaching, research and extension activities of University.

Prof. Mehta remarked that in a competitive era, responsibility is much greater upon the faculty and staff of the university. He highlighted the initiatives taken by ICAR to provide access to information and also steps for education quality enhancement. It is extremely important that faculty keeps update with latest development at global level. This only can ensure further improvement in the quality of research. Scientists should on priority identify important areas and write projects for external funding which at present is weak area. He also stressed for planning on seed production programmes of parents of hybrids. He said that for development of University committed teachers, talented students and good infrastructural facilities are required. He also suggested renewed focus on generating revenue generation at University level. Proposals under RKVY projects should be submitted as per need of state.

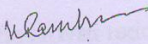
Prof. Mehta suggested that every scientist should at least have one R&D Project on multidisciplinary approach. On academic achievements he thanked the Dean, SKNCOA for excellent performance of the students at national level and Director, Students' Welfare for their better placement of students. He said that the Professors are the embodiment of knowledge and, therefore, they should keep reading scientific journals available using e-resource. He desired that all Deans, Director and Professors be involved in taking basic courses.

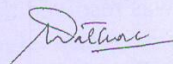
It was resolved that University will concentrate on following areas:

- Development of short duration and climate resilient varieties of major crops of the regions.
- Work on organic farming, dryland agriculture, high-tech cultivation, vertical farming, and spice processing.
- Establishment of World class infrastructure for research and development.
- Work on articulation of ICT component in solar PV powered modern irrigation set-up.
- Expanding horizon of vermin-composting i.e. using different types of wastes for recycling.
- Federating farmers into business groups through research intervention.
- Improving the quality of research work at PG level.

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- Extend work on conservation agriculture, precision agriculture, speciality agriculture and secondary agriculture.
 - Strengthening efforts on enhancement of income of major stakeholder of agriculture.
 - Efforts on integrated farming system approach and adoption of technology to enhance the income of the farmer.
 - Prepare a training plan for scientists on recent advances with special reference to use of molecular markers.
 - Plan for wholesome horticulture and agro-forestry for enhancing livelihood in Rajasthan.
 - Promotion of horticultural activities in the University.
 - Work on Vegetable Breeding for the State.
 - Introduction of Bee-keeping and honeybees activities in the University.
 - Post-harvest technology and value addition activities suitable for agriculture and horticulture products.
 - Study on water harvesting techniques suitable for Rajasthan.
 - Priority for newer research aspects instead of traditional mandates.
 - Enhancing scope of Exporters coupled with better quality management.

The Meeting ended with a vote of thanks to the Chair.


Dr. K. Ram Krishna
 Director (Research)
 Member Secretary


Dr. Narendra S. Rathore
 Vice-Chancellor & Chairman

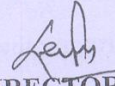
RAJASTHAN AGRICULTURAL RESEARCH INSTITUTE, DURGAPURA-JAIPUR

No. F. ()/TC/Director/2014/ 617

Dated: 03.06.2014

Copy forwarded to following for information and necessary action:-

1. The All the Heads of Divisions, RARI, Durgapura-Jaipur.
2. The Scheme Incharges, RARI, Durgapura-Jaipur.


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