

## **Minutes of 18<sup>th</sup> Research Council Meeting held on 30<sup>th</sup> October, 2018**

The 18<sup>th</sup> Research Council Meeting (RCM) of Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu (SKUAST-J) was convened on 30<sup>th</sup> October, 2018 in the Conference Hall, SKUAST-J, Main Campus, Chatha under the Chairmanship of Prof. Pradeep K. Sharma, Hon'ble Vice Chancellor, SKUAST-Jammu to assess the status of on-going research and chalk out road map for research to be taken in future.

Prof. S.K. Sharma former Vice Chancellor, CSK HPKV Palampur and Prof. J.P.S. Gill, Director Research, GADVSU, Ludhiana were present as the invited experts of eminence in Agriculture and Veterinary Sciences, respectively. Dr. Jag Paul Sharma, Director Research, SKUAST-J; Dr. K.S. Risam, Director Extension, SKUAST-J; Dr.T.A.S. Ganai, Director Education, SKUAST-J; Dr. Deepak Kher, Director Planning & Monitoring, SKUAST-J; Dr. M.M.S.Zama, Dean Faculty of Veterinary Sciences & Animal Husbandry; Dr. D.P. Abrol, Dean, Faculty of Agriculture, Mr. Rajesh Talwar, Comptroller and Registrar, SKUAST-J, Dr. S.E.H. Rizvi, Dean Faculty of Basic Sciences; Mr. H.K. Razdan, Director Agriculture; S.Tarvinder Singh, Joint Director Horticulture; Joint Director Fisheries Dr. R.K. Arora, Associate Director Extension and I/c KVKs, SKUAST-J; Dr. P.R Bharti, Joint Director Animal Husbandry; Sh.Satish Kaul, Deputy Director Floriculture; Dr. Anil Kumar, Associate Director Research, ACRA, Dhiansar; Dr.Shahid Ahamad, Associate Director Research, Heads of Divisions of Faculty of Agriculture, Chief/Senior Scientists & Heads of Krishi Vigyan Kendras, Incharge Stations/Sub-Stations, Principal Investigators of adhoc projects; Chief Agriculture Officers, Chief Horticulture Officers as well as other officers of Agriculture, Horticulture and other line departments participated in the meeting (Annexure I).

At the outset, Prof. J.P. Sharma, Director Research, SKUAST-J welcomed the Chairman, experts and participants and particularly acknowledged the keen interest taken by Hon'ble Vice Chancellor for organizing such prestigious meeting. Prof. Sharma presented ppt presentation "Appraisal to Research Trends at SKUAST-Jammu". It was apprised that mandates of Directorate of Research included identification of researchable issues; prioritization of researchable issues; development of research programmes, coordination of university research activities and implementation, monitoring and evaluation of research programmes. It was

informed to the house that about 32 agencies are funding 120 adhoc research projects worth 42.23 crores, with major share of ICAR, DBT, DST. During 2018-19, 18 numbers of new adhoc projects worth Rs. 5.79 crores have been sanctioned for funding. It was intimated that ICAR, New-Delhi is funding more than 30 AICRP Permanent/Volunteer Centres at SKUAST-Jammu; and university is collaborating with PAU, Ludhiana, CSK HPKV, Palampur, SKUAST-Kashmir, VPKAS, Almore, GBPUAT, Pantnagar, IARI, New Delhi etc. on research. For testing, 09 number of products from the six private companies university has received an amount of Rs. 22.0 lakh during the year 2018-19. Prof. Sharma informed that SKUAST-J has developed 14 crop varieties which are in pipeline for release. These include JAUW-649 (Wheat), Jammu Basmati-123 (Rice), Jammu Lentil-71 (Lentil), JT-1-9 (Toria), JR-12-6 (Raya), CR-45 (Radish), Raj Harad (Harad), BR-104 (Rajmash), SJG-17-16 (Garlic for external cloves), Jammu Garna - 1 (Karonda) and Early Gestation (Lemon). It was apprised to the house that Jammu Basmati-123 has higher yield potential (40 q/ha) with grain quality traits at par with Basmati 370. Jammu Mango (Selection-5) is a dual purpose variety and has been developed as a replacement for Dashehri and Langra cultivars. Jammu Garna -1 has good fruit size and is suitable for powder, pickle and squash making.

With respect to research on organic agriculture aspects, Prof. Sharma informed that OFRC, Chatha has identified 2 varieties namely Organic Rice- 9 and Organic Rice -10 with average recorded yield of 52 q/ha and 47 q/ha, respectively. Technologies have been standardized for organic management of wheat aphids in wheat crop and leaf folder in paddy. An organic Guava orchard with cv. L-49 has also been established at OFRC, Chatha.

Among the technologies developed, it was apprised that Manual Ferti-Seed Drill developed by Division of Agronomy was suitable for farmers with small land holdings and emphasized on Division of Agricultural Engineering to popularize it among the farmers.

Prof. J.P. Sharma informed that focus areas of future research at SKUAST-Jammu include:

- Basmati Improvement Programme with focus on R.S. Pura Basmati
- Wheat Improvement Programme with focus on rust resistance
- Maize improvement with focus on development of composite varieties
- Oil seed and pulses improvement

- Organic farming
- Bio-prospecting of herbal plants
- Improvement of fruit, vegetable and ornamental crops and their value addition
- Intensification of livestock production and productivity
- Characterization of indigenous breeds of animals
- Diagnostic and therapeutic management of important livestock diseases
- Livestock feed, fodder and forage crop improvement
- Epidemiology of important livestock diseases and their zoonotic potential
- Food safety and environmental hygiene
- Livestock feed, fodder and forage improvement
- Development of climate resilient crop varieties
- Designing/improving prototypes of hill and mountain relevant farm machinery

Prof. J.P. Sharma apprised that new initiatives taken by Directorate of Research to promote research at SKUAST-Jammu included awards to the researchers such as:

- **Star Scientist Award:** For Scientist having accrued more than one crore from competitive grant as P.I. in externally funded projects. This year three scientists namely Prof. R.K. Salgotra, Prof. Anish Yadav and Dr. Neelesh Sharma were awarded.
- **Best Researcher Award:** It is based on overall contribution of the scientist in research. The award was given to Prof. Sunil Kumar, Prof. & Head, LPT of FVSc. & AH, R.S. Pura.
- **Life Time Scientist Award:** It is based on larger technological contribution and cumulative achievement over the period of life time.

**Sh. H.K. Razdan, Director Agriculture, Jammu** highlighted the issue of development of wheat varieties suitable for timely sown irrigated wheat rotation with Basmati in R.S. Pura belt and availability of short duration wheat varieties for Pir Panjal and Chenab valley regions. He also emphasized on popularization of zero tillage, zonalization of crop varieties, low cost farmer/gender friendly machinery for hill areas, climate resilient crop varieties, post emergence pesticides in mash and moong, availability of quality planting material of garlic and potato, management of nematode problem in hilly areas, promotion of berseem var. BL-13 and oats var. Sabzar in hilly areas. He requested for making available seed of Sabzar variety. Dr. J.P. Sharma remarked that if SKUAST-K agrees to provide nucleus seed of Sabzar variety then SKUAST-J will multiply the seed and make available to Department of Agriculture. Director Agriculture

also raised the issue of monkey menace, soil mapping at block level, development of Integrated Farming System model for 5 kanal land and recommendation of suitable post emergence weedicides in maize.

(Action: Director Research, Dean, F.V.Sc., R.S Pura; AICRP, IFS; F.M. Seed Production)

The chairman asked Dr. N.P. Thakur (Chief Scientist, IFS) to submit a DPR through Director Research for scaling down IFS model to 5 kanals. He also enquired about non-implementation of zero tillage technology standardized by the University. Prof. J.P. Sharma, assured to give seed of rust resistant wheat varieties JAUW- 584 for irrigated conditions and JAUW-598 for rain fed areas. Use of wheat varieties such as PBW 550 and Unnat Wheat PBW-343 developed by PAU, Ludhiana; and proper implementation of advisories issued by Govt. of India was also suggested to tackle the rust problem. Prof.S.K. Sharma remarked that production of breeder seed is the responsibility of the concerned breeder/Breeding Department. The chairman also assured that seed of these varieties shall be made available.

(Action: AICRP, IFS; Head, PBG; I/c Wheat programme )

**S.Tarvinder Singh, Joint Director Horticulture** expressed gratitude to university authorities for addressing problems raised with respect to horticulture sector and arranging skill development trainings with cooperation of KVKs. He stressed upon development of high density plantation in apple on the pattern of Kashmir Division. The chairman directed Division of Fruit Science and RHRSS, Bhaderwah to make available apple rootstocks MM-109 and MM-116 for promoting high density plantation. The Joint Director Horticulture requested to come up with recommendations for harvesting and packaging of Anardhana. He also emphasized on the need to increase plant material availability of Pecan nut for Rajouri and Poonch districts, integration of soil mapping with fruit crops, identification of promising walnut accessions from Kishtwar region and recommendation in adjoining areas and management of weeds in orchards. Dr. V.K. wali remarked that ultra high density plantation in apple is not a suitable option for Jammu region because of rainfed conditions.

The Chairman asked the Joint Director, Horticulture to identify the private nurseries where University will provide technical help for generating apple rootstocks of MM-106 and MM- 111. Hon'ble Vice Chancellor instructed Head, Division of Fruit Science to make arrangement to

meet requirement of grafted material of pecan nut. Prof. P.K. Sharma also directed Dr. Anil Kumar, ADR, ACRA, Dhiansar to pass on the recommendations on weed management in orchards to the Department of Horticulture. Dr. K.R. Sharma, Head Division of Soil Science responded that soil maps being developed by the Division through GIS & GPS system cover both agricultural and horticultural crops.

(Action: Head, Fruit Science; I/c RHRSS, Bhaderwah, I/c ACHR, Udheywalla, I/c RARS, Rajouri; ADR, ACRA, Dhiansar)

Deputy Director, Sheep Husbandry congratulated to Faculty of Veterinary Science, R.S. Pura, Jammu for registering Bakerwali goat breed at national level. He further stated that small ruminants suffer regularly with Haemonchosis and anti-helminthic resistance further excavates the situation. He suggested that Faculty should have modern diagnostic facilities as well as Disease reporting system. Faculty should visit government and private farms regularly. Vaccine failure is another issue which hampers production, for which necessary steps should be taken. To improve mutton production, the parameters of production are to be improved as number of animals cannot be increased due to shrinkage of pasture. Technology to produce low cost feed should be generated and area-specific mineral mixture to be documented. The major issues highlighted by him included:

- Parasite infestation by Hemanchosis and anti-helminthic resistance are a serious issue affecting govt. farms and it must be taken up by F.V.Sc. & AH. R.S. Pura.

(Action: Division of Veterinary Parasitology)

- Availability of prompt and accurate diagnostic facilities and disease reporting system.

(Action-Divisions of Veterinary Microbiology, Veterinary Public Health & Epidemiology; Veterinary Pathology, Veterinary Parasitology, Veterinary Biochemistry)

- Disease monitoring through surveillance.

(Action: Divisions of Live Stock Management, Veterinary Public Health & Epidemiology; Veterinary Pathology, Veterinary Parasitology, Veterinary Biochemistry, Veterinary Medicine)

- Shortage of vaccines in major production units

(Action- Divisions of Veterinary medicine)

- Increasing mutton production through introduction of superior breeds.

(Action: Divisions of Live Stock Production Management)

- Soil testing and mineral mapping

(Action: Divisions of ILFC, Animal Nutrition, Division of Soil Science)

- Research strategies for reclamation of pastures to check decline in sheep population

(Action: Dean, F.V.Sc., R.S.Pura)

- Formulation of low cost feed production

(Action: Division of Animal Nutrition)

- Submission of externally funded research project

(Action: Director Research/Director Education/Director Extension/ I/c KVKs/ Dean, FoA/FBS, Chatha; F.V.Sc., R.S.Pura ).

The chairman directed the Division of Parasitology to pass on recommendations on Hemankosis to the concerned Department and if such recommendations are not available then Division should start working on it. Prof. R.K. Sharma, Head Division of Animal Nutrition informed the house that Division of Animal Nutrition has developed multi nutrient Feed Blocks using tree leaves on economical basis. The Dean, FVSc & AH advised the concerned Division to transfer the technology to the department for dissemination of knowledge among farmers. Dr. Rajiv Singh, Head, Division of Veterinary Medicine informed that area specific technology has been standardized and accordingly Mineral Blocks have been prepared. Hon'ble Vice Chancellor asked the Department to place order to University for supply of mineral blocks.

(Action: Dean, FVSc & AH, Division of Parasitology, Director, Sheep Husbandry Department, Jammu)

**Director Fisheries** expressed gratitude to SKUAST-Jammu for organizing training on Fisheries. The major issues raised by him included:

- Silver carp has high demand but department is not able to multiply it fast. So he requested University Scientist to work on breeding of silver carp
- In case of Mahashir fish there is migratory breeding. They migrate from Pakistan for breeding in our river streams and after that they move back to Pakistan.

- Cage culture not giving encouraging results so some research may be initiated in this regard

The chairman remarked that multiple breeding of carps may be initiated and asked Scientists (Fisheries) to use the Department facilities for breeding programmes until University develops its own hatchery. (Action: Fisheries Section)

## **TECHNICAL SESSION-1**

Dr. Anil Kumar, ADR, ACRA, Dhiansar put before the house Agenda item 1 i.e. Confirmation of Proceedings of 17<sup>th</sup> RCM. The same were confirmed by the Chairman, Prof. Pradeep K. Sharma and the house.

With respect to Agenda No.2. i.e. Action Taken on the Report of 17<sup>th</sup> RCM, point by point thread bare discussions were held. The Hon'ble Vice Chancellor directed the Head, Division of Vegetable Science & Floriculture to submit information regarding compilation of information on sustainability of ornamental plants for plains, mid and high hills through Director Research for further action in this regard. Chairman directed Head, Division of Fruit Science and P.I., Tissue Culture Lab., Udheywalla to make Lab. fully functional immediately. The Chairman also directed Dean F.V.Sc. & AH, R.S.Pura to submit the Package & Practices with respect to his Faculty to Director Extension with copies to Director Research and Director (Planning & Monitoring) for publishing at the earliest. With respect to problem of antibiotic/drug resistance, the chairman advised the concerned scientists to work on this aspect.

(Action: Head, Division of Vegetable Science & Floriculture; Head, Division of Fruit Science; I/c ACHR, Udheywalla, Dean, F.V.Sc.)

Recommendations from different divisions of Faculty of Agriculture, Chatha (Agenda No.3) were discussed in detail. Prof. S.K. Sharma, remarked that walnut germplasms collections identified by the University from Kishtwar and adjoining areas may be registered by the University with NBPGR, New-Delhi in the name of SKUAST-Jammu as these collections are not protected by law. The University can give name and release them as varieties. They can be however multiplied for use by the farmers. He also suggested to explore Bani area of Kathua district for collection of walnut and pecan nut germplasms.

(Action: Division of Fruit Science/ KVK Doda/Kathua/ RARS,Rajouri)

With respect to recommendations of ACRA, Dhiansar on succession of field pea insect pests, and performance of Station Trial on lentil, the Chairman advised to conduct OFTs in coordination with KVKs and present recommendations in ZERAC meeting for validation.

(Action: ADR, ACRA, Dhiansar)

Hon'ble Vice Chancellor pointed out that next time Faculty wise/Division wise detail of scientists may be presented viz-a-viz the projects they are handling. He remarked that every scientist should have one independent project as well as Co-PI with other projects. Prof. J.P. Sharma apprised that new project proposals have been received by Directorate of Research and requested the Competent authority to permit constitution of a committee for evaluation of these project proposals before submission to the funding agencies. The Hon'ble Vice-Chancellor agreed to the proposal.

(Action: Dean, FoA/FBS, Chatha; F.V.Sc., R.S.Pura, Directorate of Research)

#### **Remarks of the invited experts of eminence:**

**Prof. S.K. Sharma, former Vice Chancellor, CSK HPKV Palampur observed that:**

- Requirement of enough seeds (breeder seed) of Agricultural and Horticultural Crops is an important issue. Job of the University is to develop crop varieties and their multiplication should be done by line departments and progressive farmers. Thus there is clear distinction in the role of University and line departments.
- The technologies developed by the University can be commercialized. Earlier, these technologies were given free, but now they can be commercialized and procedures/guidelines for the same have been given by ICAR (2006). For this, IPR Cell of the University should be actively involved. University should also give Trademark to its products.

(Action: IPR cell)

The varieties developed by the University must be registered with PPV&FRA, New Delhi.

(Action: Head, division of PBG; Directorate of Research)



- A DNA database and DNA fingerprinting of all the varieties developed by the University should be done timely. (Action: Coordinator, SBT)

- There is acute shortage of planting material of horticultural crops like pecanutt and walnut. For that there is need to develop progeny orchards of superior lines for raising the quality planting materials. Progressive farmers and private nurseries may also be roped in for this purpose under PP mode by line departments.

For promoting mechanization of farms in hilly areas, small farm implements developed by Govt./Private workshops/labs should be tested by the University for recommendations to the farming community. (Action: Division of Agril.Engineering ,FoA)

- With respect to organic agriculture, the University should work keeping in view the policy of the state govt.

Bio-prospecting of medicinal/aromatic plants needs attention. (Action:I/c OFRC,Chatha)

- Post harvest management and value addition will increase income of farmers.

(Action: Division of Biochemistry,,FBS)

- Maize is an important crop of hilly areas of the state. Therefore, testing of maize varieties should be done under rainfed conditions. (Action: Division of PHT,FoA)

- Specific projects on walnut and pecanutt; and Basmati rice have more possibility of receiving funds. (Action: ACRA, Dhiansar)

- Impact assessment mechanism for ICAR grants must be there for flow of grants.

(Action: Directorate of Research)

**Prof. J.P.S. Gill, Director Research, GADVSU, Ludhiana observed that:**

Dr. J.P.S. Gill, Director Research, GADVASU-Ludhiana, Punjab appreciated increase in projects year wise, that too from different agencies. He further stated that Faculty should have 5 to 6 groups of research, viz. genomic, health, zoonotic, diagnostic, value addition, antibiotic resistance, etc. He advised to tap new international agencies for funding. He advised that Animal

Husbandry group should work for quality germplasm and disease resistant breeding programme. He further stated to submit project on mitigation of zoonotic diseases, mapping of anti-helminthic resistance and acaricidal resistance, and should try herbal drugs for the same. Value addition can improve economics and impact of research must be made, and all Faculty members should submit one project each so that the research can be given impetus.

(Action: Dean, F.V.Sc.. R.S. Pura)

#### **Concluding Remarks of the Chairman:**

- Projects submitted by scientists must be specific as per the identified flagship areas of the University. Prof. P.K. Sharma suggested Director Research to review flagship areas for little additions or deletions. (Action : PME cell)
- The scientist must claim the award money specified in externally funded projects after completion of projects. . (Action : PME cell)
- Impact assessment is very important. The chairman asked Director Research to have assessment of students, varieties, and technologies of the university.
- The policy papers written by the University scientists should be circulated to Govt. through Director Research.
- Hon'ble Vice Chancellor appreciated the efforts of scientists working at OFRC, Chatha.

The Hon'ble Vice Chancellor congratulated Director Research for successfully conducting the 18<sup>th</sup> RCM and expressed satisfaction over conduct of meeting in the august presence of eminent experts and Directors of line departments. Dr. Anil Kumar, Associate Director Research, ACRA, Dhiansar conducted the proceeding of the meeting and Dr. R.R. Jat presented vote of thanks.

**Rapporteurs:**

-sd-

Dr. Shahid Ahamad  
Associate Director Research  
Directorate of Research

-sd-

Dr. Rajesh Katoch  
Professor & Head  
FVSC, R.S. Pura, Jammu

-sd-

Dr. Manmohan Sharma  
Associate Professor  
School of Biotechnology

-sd-

Dr. Rajiv Singh  
Professor & Head  
FVSC, R.S. Pura, Jammu

### Annexure- I

List of participants in 17 <sup>th</sup> RCM		
S.No.	Name of Officers	Designation
1.	Prof. Pradeep Kumar Sharma	Hon'ble Vice-Chancellor, SKUAST-Jammu
2.	Dr. S.K.Sharma	Former Vice-Chancellor ,SK HPKVV,Palampur,H.P.
3.	Dr.J.P.S. Gill	Director Research, GUDVASU, Ludhiana, Punjab
4.	Dr. Jag Paul Sharma,	Director Research & Member Secretary, RCM, SKUAST-Jammu.
5.	Dr.K.S.Risam	Director Extension, SKUAST-Jammu
6.	Dr.T.A.S., Ganai	Director Education, SKUAST-Jammu
7.	Prof. Deepak Kher	Director, P&M, SKUAST-Jammu
8.	Dr. D.P Abrol,	Dean, Faculty of Agriculture
9.	Dr.M.M.S. Zama	Dean, Faculty of Veterinary Sciences and Animal Husbandry, R.S.Pura, Jammu
10.	Dr. S.E.H. Rizvi	Dean, Faculty of Basic Sciences, Chatha
11.	Dr.R.K.Arora	I/c KVKs & ADE, Directorate of Extension, Chatha
12.	Sh.Rajesh Talwar	Comptroller, SKUAST-Jammu
13.	Mr. H.K.Razdan	Director Agriculture, Jammu
14.	Dr. ShahidAhamad	Associate Director Research, DoR, SKUAST-Jammu
15.	S.Talvinder Singh	Joint Director, Horticulture, Jammu
16.	Sh. Satish Koul Sutan	Dy.Director, Floriculture, Jammu
17.	Mr. Atul Sharma	Asstt. Floriculture Officer, Jammu
18.	Dr. P.R. Bharti	Joint Director, Animal Husbandry, Jammu
19.	Dr. P.K. Gupta	Joint Director, Animal Husbandry Department, Jammu
20.	Sh. S.S. Sharma	Joint Director, Fisheries
21.	Dr. Sanjesh Gupta	Project Officer Fisheries, Jammu
22.	Dr. R. Katoch	Prof.& Head, VPA
23.	Dr. N.K. Pankaj	Asstt.Prof,FVSc.& A.H.
24.	Dr.Vikas Sharma	Assoc. Prof, Division of Soil Science
25.	Dr. Satish K. Sharma	Farm Manager, Chatha
26.	Dr/.VK Razdan	Prof. Plant Pathology
27.	Dr. VB Singh,	I/c , HRSS, Raya
28.	Dr. Praveen Singh	Asstt. Professor ,PBG
29.	Dr. Anil Kumar	ADR, ACRA, Rakh Dhiansar
30.	Dr. K.K. Sood	Professor , Division of Agro Forestry
31.	Dr.Salini Suri	Prof.& Head,VNN
32.	Dr.MA Malik	Prof.& Head,VPHP
33.	Dr. Kamal Sharma	Assoc. Prof, Division of VAN
34.	Dr.H.R.Bharaddwaj.	Prof. VAHEE
35.	Dr.Meenakshi Gupta	Assoc. Prof.(Agronomy)
36.	Dr.P.S.Mahapatra	Assoc. Prof., Division of VPB
37.	Dr.R.K.Sharma	Prof.& HOD , Division of AWN

38.	Dr.Sanjay Guleria	HoD, Biochemistry & Physiology
39.	Dr. B.C.Sharma	Prof. & Head, Division of Agronomy
40.	Dr.Sahar Masood	Assoc. Prof. Fisheries
41.	Dr. Jyoti Kachroo	Head, Agri. Economics.
42.	Dr.B.K.Sinha	Asstt.Prof. Plant Physiology
43.	Dr.N.P.Thakur	I/c FSR, Chatha
44.	Dr. A.K. Gupta	Assoc. Professor ,FSR, Chatha
45.	Dr. Nawab Nashimuddullah	Head,VPP, FVSc&AH.
46.	Dr. Rakesh Kumar	Asstt. Professor, RRSS, Raya
47.	Dr.Ravinder Singh Sudan	Sr. Scientist & I/C AICRIP Maize, Udhampur
48.	Dr.V.K.Wali	Prof.& Head , Division of Fruit Science
49.	Dr.Anis Yadav	Prof. Parasitology
50.	Dr.M.C.Dwivedi	Asstt. Professor / F.M., Chatha
51.	Dr.R.R.Jat	ADR
52.	Dr. Anil Gupta	Professor & Head Division of Plant Pathology
53.	Dr.L.M.Gupta	Assoc.Prof. Division of Agroforestry
54.	Dr.Brajeshwar Singh	Asstt. Professor,, Microbiology
55.	Dr.Utsav Sharma	Head, Division of VGO
56.	Dr.MahitalJamwal	Senior Scientist & Head, RHRSS, Bhaderwah
57.	Dr.Manmohan Sharma	Assoc.Prof. SBT, Chatha
58.	Dr. Nazam Khan	Asstt.Prof. ILFC
59.	Dr, B. R. Bazaya	Assoc. Professor & I/C AICRIP, Division of Agronomy
60.	Dr.Narinder Panotra	Jr. Scientist, OFRC, Chatha
61.	Dr. S. K. Gupta	Prof & Head, Division of Medicine, F.V.Sc.
62.	Dr. Sunil Kumar	Prof. & Head, LPT, R. S. Pura
63.	Dr.Sanjiv Kumar	Sr. Scientist, PBG, ACRA
64.	Dr.R.K.Gupta	Prof & Head, Vegetable & Floriculture Science
65.	Dr.BR Bajaya	Assoc. Professor, Agronomy
66.	Dr. B. S. Jamwal	Chief Scientist, I/C PRSS Samba
67.	Dr. Anju Bhat	Professor & Head, Division of Food Tech.
68.	Dr. K.R. Sharma	HOD, Soil Science
69.	Dr.S.K Rai	Assoc. Professor, PBG
70.	Dr. A K. Mondal	Prof. Soil Science
71.	Dr.Mahender Singh	Assoc. Professor, Agromet
72.	Dr.Renu Gupta	Asstt.Prof.Soil Science
73.	Deepak Kumar	I/c RARS,Rajouri
74.	Dr.PardeepWali	Associate Director Research
75.	Dr.J.S.Sudan	Head, TVCC
76.	Dr. R K Gupta	Prof & Head, Veg. Science & Floriculture
77.	Dr. Hafeez Ahmed	Prof & Head, Entomology
78.	Dr.R.Singh	Prof, F.V.Sc. R.S Pura
79.	Dr.Jai Kumar	Scientist. ACRA, Dhiansar
80.	Dr.Reena	Assoc.Prof., ACRA,Dhiansar
81.	Dr. R.K Bali	Prof & Head, Sericulture
82.	Dr.Meenakshi Gupta	Assoc.Prof.Agronomy

83.	Dr.A.K Gupta	Prof. IFS
84.	Dr. Sushil Sharma	Prof &Head ,Agri. Engg.
85.	Dr. Vijay Khajuria	Jr. Scientist, Division of Agronomy
86.	Dr. S. K. Gupta	HOD, ILFC, R. S. Pura
87.	Dr.JyotiKachroo	Prof & Head, AEABM
88.	Dr. Anil Bhat	Asst. Prof. AEABM
89.	Dr.Anil Taku	Prof. VMC
90.	Dr.Parshant Bakshi	Incharge, ACHR, Udheywalla
91.	Sh.S.S.Sharma	Joint Director Fisheries
92.	Dr.Rohit Sharma	Jr. Scientist, Jammu
93.	Ganesh Kumar Sharma	Fisheries Extension Officer
94.	Dr.Sarabjeet Kour	Asstt.Prof.Soil Science.
95.	Dr.A.K.Gupta	Prof.& Head, VSR,FVSc.,R.S. Pura
96.	Dr.Rakesh Nanda	Prof.& Head, Agri.Extension
87	Dr. Anil Taku	Head, Vety. Microbiology
88	Dr.Amit Jasrotia	Assoc.Prof. Horticulture
89	Dr.Peeyush Sharma	Div. of Soil Science & Ag. Chemistry
90	Dr. S.K.Sharma	Prof & Head, Division of Engineering
91	Dr.Ranbir Singh,	Assoc.Prof. Plant Pathology
92	Dr.Mahital Jamwal	I/C RHRSS, Bhaderwah
93	Dr. S.K Singh	Asstt. Prof.Pl.Path. Directorate of Research
94	Dr.R.K.Salgotra	Coordinator, School of Biotechnology
95	Dr. A K Raina	Chief Scientist, Water Management, Chatha
96	Dr.Anil Gupta	Prof & Head, Division of Plant Pathology
97	Dr. Anil Taku	Prof., Division Veterinary Microbiology
98	Dr.B.Bramha	Assoc.Prof.LPM
99	Dr. J. S. Soodan	Prof.& Head, TVCC,
100	Dr.Rajinder Raina	Prof.& Head, Pharmacology
101	Dr. Devinder Sharma	Asstt. Prof., division of Entomology
102	Dr.Vivek M. Arya	Asstt. Professor, Division of Soil Science
103	Dr.Amitesh Sharma	Asstt. Prof.,PBG, Directorate of Research
104	Dr.Manish Sharma	Professor & Head, Statistics.
105	Dr.Anuradha Shah	Sr. Scientist, AICRP,Rice
106	Dr.Ustav Sharma	Asstt.Prof
107	Dr.Ajay Gupta	Sr.Scientist & Head, KVK,Poonch
108	Dr.Vijay Kumar,	Asstt.Prof,RRSS,Raya
109	Dr.R.K.Gupta,	Prof.Division Entomology
110	Dr.P.K.Sharma	I/c Sr.Scientist & Head, KVK,Kathua
111	Dr.Rakesh Kumar	Jr.Scientist, RHRS,Raya
112	Dr.Vikas Tondon	Sr.Scientist & Head, KVK,Jammu
113	Dr.Neelesh Sharma	Asstt.Prof., Division of Medicine,
114	Dr.Arti Sharma	Asstt.Prof., Division of Fruit Science
115	Dr.Tuhina De	Prof. Division of Plant Breeding & Genetics