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**Extension Council
ICAR-Indian Veterinary Research Institute**

**Proceedings
of
XVIII Meeting**

**Held on 23rd March, 2017 at
IVRI, Izatnagar**



**Division of Extension Education
ICAR-Indian Veterinary Research Institute
Izatnagar-243122 (U.P.)**

**PROCEEDINGS OF THE EIGHTEENTH MEETING OF THE EXTENSION COUNCIL
OF ICAR-INDIAN VETERINARY RESEARCH INSTITUTE, IZATNAGAR**

HELD ON 23.03.2017

The XVIII Meeting of the Extension Council of ICAR-IVRI was held on 23rd March, 2017 at 11.00 A.M. in the Committee Room of Administration Building, ICAR - IVRI, Izatnagar, wherein, the following 24 members were present:

1. Dr Raj Kumar Singh, Director, IVRI, Izatnagar- Chairman
2. Dr B P Mishra, Joint Director (Research)- Member
3. Dr A K Garg, Joint Director (Extension Education) –Member
4. Dr Triveni Dutt, Joint Director (Academic)-Member
5. Dr Mahesh Chander, HD, Div. of Ext. Education-Member Secretary
6. Dr K S Kadian, Principal Scientist, Dairy Extension Div., NDRI, Karnal- Member
7. Joint Director (Agri), Bareilly
8. Dr R B Singh, Joint Director (AH), Bareilly
9. Dr Amarpal, HD. Div. of Surgery - Member
10. Dr Umesh Dimri, HD. Div. of Medicine – Member
11. Dr Harendra Kumar, HD (Animal Reproduction)
12. Dr S Mahmood, PS, A R Div., IVRI –Member
13. Dr A M Pawde, PS, Surgery Div., IVRI –Member
14. Dr Sanjay Kumar, Pr. Sci, ARIS Cell, IVRI, Izatnagar –Member
15. Dr Rupasi Tiwari, Pr. Scientist & I/c ATIC, Member
16. Dr A Kannan, Senior Scientist, Palampur Centre-Member' nominee
17. Dr Dinesh Chandra, PC, GIP-Member
18. Dr P N Kaul, Retd. PS, IVRI - Special Invitee
19. Dr B P Singh, Pr. Sci, JDEE, IVRI- Special Invitee
20. Dr Ajaysen Chaudhary, Professor & I/c, KGK, Bareilly- Special Invitee
21. Dr S P Singh, Professor, KGK, Bareilly - Special Invitee
22. Dr P K Mukherjee, Senior Scientist, IVRI - Special Invitee
23. Dr Pachaiyappan K, Scientist, IVRI - Special Invitee
24. Shri B K Panwar, I/C, Comm. Centre, IVRI - Special Invitee

Dr Mahesh Chander, HDEE & Member Secretary welcomed the Hon'ble Chairman and members of the Extension Council and briefed about the earlier meetings of Extension Council of IVRI. The extension activities organized by the institute during 2016-17 were reviewed by the

Members of the Extension Council of IVRI and action plan for 2017-18 was decided in the meeting attended by 24 members including special invitees.

Agenda Item No.1: Confirmation of the Proceedings of the XVII Meeting of Extension Council of IVRI held on 11.03.2016:

The Proceedings of the XVII Meeting of the Extension Council held on 11th March, 2016 were circulated to all the members vide letter No. F.1-1/2010-EE dated 16.03.2016, for comments, if any. No comments from the members were, however, received. Accordingly, the House was requested to confirm the Proceedings of the XVII meeting of the Extension Council and the same were confirmed by the Council.

(Action: All the Members of Extension Council)

Agenda Item No.2: Action Taken Report on the Decisions taken in the XVII Meeting held on 11.03.2016:

Point-wise discussion was held on the action taken report on the decisions taken during the XVII Meeting of the Extension Council held on 11.03.2016. The following points emerged for discussion:

2.1 Radio & TV Programmes:

The chairman appreciated the radio & TV programmes attended by IVRI scientists towards creating awareness & popularizing good production practices & new technologies among farming communities and the other stakeholders. He also emphasised to take the programs further in bigger numbers and the house agreed. It was reiterated that proper record should be maintained in this regard on the number of programs with topics covered. All such programmes shall be coordinated by JDEE's office.

(Action: JDEE, All HDs/SICs)

2.2 Updating news of extension activities in the institute Home Page:

The Chairman instructed that all HDs/In-charges including Heads of regional stations/campuses should promptly send/inform the news along with good quality analysed photos of the events organized by respective divisions/stations. The Chairman expressed high priority should be given to maintaining institute website by keeping it regularly updated & dynamic. He directed that ARIS cell as also the different units of IVRI should pay attention to the pre-requisites about the content creation, submission of impactful pictures/photos to ARIS cell and DKMA etc. for timely uploads in IVRI as well as ICAR websites, as discussed and circulated in the last year's proceedings of Extension Council meeting. The views of the Chairman in this regard were agreed by all the members present.

(Action: JDEE, All HDs/SICs/I/c Computer centre)

Agenda Item No.3: Review of Extension Activities of IVRI during 2016-17:

The report on the extension activities performed by Joint Directorate of Extension Education, Division of Extension Education, KVK and ATIC during 2016-17 was presented by Dr A K Garg, Joint Director (EE). A PowerPoint presentation was made by him, explaining the activities in detail, and initiatives taken by the various units of extension at IVRI. He also discussed the proposed activities during 2017-18. The various activities undertaken by the KVK during 2016-17 were presented by Dr B P Singh, Principal Scientist & I/c KVK.

3.1 Field extension activities & Impact assessment:

Impact of technologies: Chairman asserted to the assessment of Impact created by technologies developed by IVRI and the matter was seriously discussed in the house. The Chairman also ideated for conferring responsibility to assess the impact of technologies by the concerned scientists/team who/which develops one; keeping in mind the number of extension scientists available. The house acknowledge the opinion and to the issue, scientists from division of Extension Education can be teamed up to take over the endeavour. The Chairman also discussed about the importance of involving line departments in this initiative and efforts shall be directed to all the past and present technologies developed across the species. HD (AN) for technologies like mineral mixture & block making machine, HD (AR) for Crystoscope and HD (VSR) for its flagship technology; shall be taking immediate steps in streamlining the impact assessment. It was suggested that Impact assessment of Jai Gopal Vermicompost technique should be taken up on priority and Dr Rupasi Tiwari, PS, JDEE shall be assisting in the procedure/methodology to the concerned scientist.

(Action: JDEE, HDEE, HDAR, HDAN, HDVSR, Dr Rupasi Tiwari and All HDs/SICs)

3.2 MGMG (*Mera Gaon Mera Gaurav*):

The house discussed about the ongoing MGMG (*Mera Gaon Mera Gaurav*) program at IVRI. The Director narrated the importance of the PMO's flagship program and instructed the members present; to take the program with utmost priority and pass on the matter to the colleagues. While taking the MGMG program, scientists should work in line with the objectives and agenda of the program and with institute's mandate.

(Action: JDEE, All JDs, HDs/SICs)

3.3 Interface meets:

The house discussed extensively on the interface meets conducted by the institute at various parts of the country. The Chairman appreciated the effort and instructed to identify the mechanism in which the outcomes and impact of such initiatives can be measured. He further opined that a document about various interface meets organized in yesteryears and current year, shall be prepared by the JDEE which might help in taking it further in a refined manner; and the house accepted the proposition.

(Action: I/c ATIC/JDEE)

3.4 Upon discussing about “developing working models of different livestock species viz., buffalo, cow, sheep goat & pigs for different categories of farmers viz., small, medium & large farmers”, JD (R) emphasized on developing booklets/monograph on the working models/system with all micro-level tactical illustrations at the very initial phases. The Chairman also insisted the same and Dr Pachaiyappan K, Scientist form the Extension division should immediately start working on developing documents on the user/famer friendly models.

(Action: Dr Pachaiyappan K)

3.5 It was also emphasized once again in this meeting too, that any externally funded project having extension component should compulsorily include an extension scientist from the institute.

(Action: JD(R) &All HDs/SICs)

3.6 Skill Development Training:

The house discussed about various skill development trainings undertaken by IVRI in the past year. KVK responded to the issue by explaining about the 33 skill development trainings conducted by the unit under 12 modules. The house also discussed about the duration of the programs which happened to be 2 -5 days. Chairman and the JD (R) highlighted the importance of skill development programmes particularly citing the instructions/circulars from Min. of HRD to organize skill oriented trainings for skilling the work force at different levels. Also, it was advised for holding these programs at least for minimum four days with properly maintained records of such trainings organized at the institute so that the information could be made available timely whenever asked.

(Action: JDEE & In-charge, KVK)

3.7 E-portal on animal husbandry:

The materials/content provided by various divisions towards development of IVRI E-portal was discussed in the forum, where the in-charge computer centre expressed the readiness of portal’s structural framework. The liveliness of content provided to the computer centre was also argued amongst the members and the chairman instructed the house that the matter has to be viewed with maximum importance as the portal should be lively and dynamic. Content creation/development by the scientists should be taken on mission mode and to be provided to the computer centre in regular intervals for promptly updating the portal.

(Action: JDEE, All HDs/SICs, In-charges of ATIC & Computer Centre)

3.8 Streamlining of Weekly Animal Health Camps by Div. of Extension Education:

Present status and happenings on weekly animal health camps by the Division of Extension Education was discussed at the meeting and the HDEE responded to the house that the camps are being regularly held and efforts were being made to make them impactful based on feedback from the farmers. The chairman gave his insight to the point on including students

across the disciplines not only in the health camps but also in various other extension activities organized by the institute depending on the time availability and feasibility.

(Action: JD (A), HDEE, All HDs/SICs)

Agenda Item No.4: Proposed Action Plan of Extension Activities for 2017-2018:

Dr A K Garg, Joint Director (EE) presented the proposed action plan of extension activities for 2017-18. The following points emerged on the presentation.

4.1 Virtual learning:

The Chairman expressed his intent towards promoting virtual learning modules on Animal Husbandry and Livestock Management to be worked up on by the institute. JDEE shall look for the modalities in materialising the mechanism by online internet connect in consultation with JD (A); benefitting various stakeholders including farmers.

(Action: JDEE, JD (A), All HDs/SICs)

4.2 Uploading livestock farming systems in IVRI website:

The Chairman drew the attention of the house to developing content regarding various livestock farming systems including the contribution of animal husbandry component in different integrated farming system modules. The matter was discussed and the house opined that the institute will be working on content creation towards different livestock farming systems pertinent to various agro-climatic zones along with the animal husbandry modules feasible to be contributing in different integrated farming system and the same will be hoisted in the institute website for general public knowledge and use. Emphasis on commercial livestock farming system shall be prompted in the endeavour.

(Action: All HDs/SICs & In-charge Computer Centre)

4.3 Activities under KVK, Bareilly:

The house agreed that KVK, Bareilly under IVRI is one important agency in Bareilly meant for capacity building of farmers and technology assessment and refinement through OFTs & FLDs. The KVK is also responsible for promoting entrepreneurship among women and youth of the district. The meeting of Scientific Advisory Committee (SAC) of KVK, wherein, various issues concerned with functioning of KVK was held a day before i.e on 22/3/2017. So, the Chairman directed that all the decisions taken in SAC meeting (Annexure-I) must be implemented and should also be reported in next meeting of Extension Council of IVRI.

(Action: I/c KVK)

Agenda Item No.5: Reduced strength of scientists of Extension Education discipline in the Division of Extension Education:

The Chairman informed the house that the matter has been appraised in writing to higher authorities in ICAR on several occasions as also in person.

The Chairman thanked all the members for their participation, views and contribution towards past and future extension endeavours of the institute. The meeting ended with a vote of thanks to the Chair.

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कृषि विज्ञान केन्द्र की वैज्ञानिक सलाहकार समिति की 22.03.2017 को आयोजित बैठक की कार्यवाही का कार्यवृत्त

| क. स. | संस्तुतिकर्ता (Recommended by) | कार्यवाही बिन्दु (Recommendation) | कार्यवाही करने हेतु अधिकारी Action to be taken |
|-------|--|--|--|
| 1. | डा० राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | वैज्ञानिक सलाहकार समिति की रिपोर्ट व प्रस्तुतिकरण पूर्णतः हिन्दी में किया जाये। | सभी विषय विशेषज्ञों हेतु |
| 2. | डा. लक्ष्मीकांत, अध्यक्ष कृषि ज्ञान केन्द्र, रामपुर | पूसा हाइड्रोजेल तकनीक का प्रदर्शन कृषि विज्ञान केन्द्र के फार्म पर भी किया जाये। | श्री रंजीत सिंह एवं राकेश पांडे, विषय विशेषज्ञ |
| 3. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | पूसा हाइड्रोजेल एक जल संरक्षण तकनीकी है कृषकों के खेतों पर इसके प्रदर्शन लगाये जाये। इसके लिए संस्थान मद से धन दे दिया जायेगा। | श्री रंजीत सिंह एवं राकेश पांडे, विषय विशेषज्ञ |
| 4. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | पी० एण्ड टो० डिवीजन के समीप वाले हर्बल गार्डन को कृषि विज्ञान केन्द्र को हस्तांतरित के लिये सम्पदा अनुभाग से प्रक्रिया पूर्ण कर ली जाये। इसको एक पूर्ण माडल हर्बल जीन गार्डन की तरह विकसित किया जाये। | श्री रंजीत सिंह, विषय विशेषज्ञ, उद्यान इकाई |
| 5. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | जैविक कृषि पर संस्थान पर एक मॉडल विकसित करने के साथ-साथ इस पर एक एस.ओ.पी. (स्टैंडर्ड ऑफ प्रोसीजर) भी बनायी जाये। बैठक में सुझाव आया कि संस्थान में 1 एकड़ खेत पर जैविक खेती का माड्यूल विकसित किया जाये। एस०पी० सिंह (प्राध्यापक के०जी०के०), डा. अजयसेन चौधरी से इस कार्य में सहयोग लिया जा सकता है। | डा० महेश चन्द्र, विभागाध्यक्ष प्रसार शिक्षा, डा० पी०के० मुखर्जी, वरिष्ठ वैज्ञानिक |
| 6. | डा. लक्ष्मीकांत, अध्यक्ष कृषि ज्ञान केन्द्र, रामपुर | ग्लेडियोलस की ओ.एफ.टी. में आई.ए.आर.आई. की प्रजातियाँ न मिले तो स्थानीय/अन्य प्रजातियों के ट्रायल लगाये | श्री रंजीत सिंह, विषय विशेषज्ञ, उद्यान इकाई |
| 7. | डा० अजयसेन चौधरी, प्रभारी कृषि ज्ञान केन्द्र, बरेली | अग्र पंक्ति प्रदर्शनों में बुवाई तिथि अवश्य दर्शायी जाये। | श्री राकेश पाण्डे, विषय विशेषज्ञ, फसल विज्ञान इकाई |
| 8. | प्रगतिशील कृषक ई० अनिल साहनी | अमरूद की सघन बागवानी का एक ट्रायल मिलक में कृषक के खेत पर लगा हुआ है। उसका भ्रमण किया जाये तथा यदि वह सफल हो तो कृषि विज्ञान केन्द्र फार्म पर भी उसका छोटा माडल तैयार किया जाये। | श्री रंजीत सिंह, विषय विशेषज्ञ, उद्यान इकाई |
| 9. | डा० संजय कुमार, प्रभारी एरिस सेल | प्रदर्शन प्रक्षेत्र पर गाजर की बैंगनी रंग की प्रजाति के प्रदर्शन लगाया जाये। | श्री रंजीत सिंह, विषय विशेषज्ञ, उद्यान इकाई |
| 10. | प्रगतिशील कृषक ई० अनिल साहनी | प्रदर्शन प्रक्षेत्र पर वेबीकॉर्न का भी प्रदर्शन लगाया जाये। | श्री रंजीत सिंह, विषय विशेषज्ञ, उद्यान इकाई |
| 11. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | कृषकों को अधिक से अधिक दूसरे संस्थानों एवं उनके द्वारा आयोजित किसान मेले व प्रदर्शनियों में कृषि विज्ञान केन्द्र द्वारा भ्रमण कराया जाये, इसके लिये संस्थान मद से भी बजट लिया जा सकता है। | सभी विषय विशेषज्ञों हेतु |
| 12. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | सभी प्रशिक्षणों में यह प्रावधान किया जाये कि सभी प्रतिभागियों को छोटे, मझोले कृषकों के खेतों पर लगे प्रदर्शनों का भ्रमण कराया जाये। | सभी विषय विशेषज्ञों हेतु |
| 13. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | महिला सशक्तिकरण हेतु अधिक से अधिक कार्य किये जाये, उनकी सहभागिता बढ़ायी जाये। इसमें, जनपद के विकासीय विभाग जैसे उद्यान विभाग, कृषि विभाग, | कृषि विज्ञान केन्द्र के सभी विषय विशेषज्ञ, जिला उद्यान अधिकारी, जिला |

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| | संस्थान | पशुपालन विभाग एवं आत्मा से भी सहयोग लं। | कृषि अधिकारी , मुख्य पशुचिकित्सा अधिकारी एवं परियोजना निदेशक आत्मा हेतु |
| 14. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | कौशल विकास हेतु प्रशिक्षण कार्यक्रमों की अवधि 4 दिन से अधिक की होनी चाहिये। फील्ड डे तथा प्रक्षेत्र दिवस भी आयोजित किये जाये। | सभी विषय विशेषज्ञों हेतु |
| 15. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | निदेशक महोदय ने सुझाव दिया प्रदर्शनों के अर्थशास्त्र निष्कर्ष हेतु डा0 संजय कुमार से अवश्य सलाह ली जाये। | सभी विषय विशेषज्ञों हेतु |
| 16. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | केन्द्रीय चारागाह अनुसंधान संस्थान से नेपियर की उन्नतशील किस्में लाकर नेपियर को और अधिक प्रचारित कर, दूर दराज के विकास खण्डों में ट्रायल लगाया जाये जिससे तकनीकी पूरे जिले में फैले। | श्री मनीष तोमर, विषय विशेषज्ञों, प्रसार इकाई |
| 17. | डा. लक्ष्मीकांत, अध्यक्ष कृषि ज्ञान केन्द्र, रामपुर | नेपियर के अग्र पंक्ति प्रदर्शन में नेपियर की नवीन किस्म CO ₅ व बरसीम के संयुक्त ट्रायल लगाये। | श्री मनीष तोमर, विषय विशेषज्ञ, प्रसार इकाई |
| 18. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | सभी प्रसार कार्यों का प्रलेखन अच्छे फोटो/छायाचित्र से करने चाहिये। सभी अच्छे प्रक्षेत्र प्रदर्शनों का प्रलेखन सफलता की कहानी तथा लेखों द्वारा किया जाना चाहिये। | सभी विषय विशेषज्ञों हेतु |
| 19. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | पशु-विज्ञान के प्रक्षेत्र प्रदर्शन एवं प्रक्षेत्र परीक्षणों पर पशु औषधि विभाग, पशु पुनरूत्पादन तथा संबंधित विभाग से चर्चा करके ही उपचारों का चयन करें। | श्री एस. बी. सिंह, विषय विशेषज्ञ, प्रसार इकाई |
| 20. | डा. अनिल कुमार गर्ग, संयुक्त निदेशक (प्रसार शिक्षा), भारतीय पशुचिकित्सा अनुसंधान संस्थान | प्रत्येक आवासीय प्रशिक्षण कार्यक्रम में प्रशिक्षणार्थियों को कृषि एवं पशुपालन आधारित चलचित्र दिखाये जाने चाहिये तथा स्वच्छ भारत अभियान के अन्तर्गत एक व्याख्यान अवश्य हो। | श्री मनीष तोमर, विषय विशेषज्ञ, प्रसार इकाई एवं डा. रंजना गुप्ता, विषय विशेषज्ञ, गृह विज्ञान इकाई |
| 21. | डा. अनिल कुमार गर्ग, संयुक्त निदेशक (प्रसार शिक्षा), भारतीय पशुचिकित्सा अनुसंधान संस्थान | किसानों की आवश्यकता के अनुसार कृषकों एवं प्रशिक्षणार्थियों हेतु कृषक साहित्य लिखा जाये। प्रशिक्षणों में संबंधित साहित्य प्रशिक्षणार्थियों को अवश्य वितरित किया जाये। आवश्यकता पड़ने पर, इसके लिये बजट संस्थान से भी लिया जा सकता है। | सभी विषय विशेषज्ञों हेतु |
| 22. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | महिला उद्यमी श्रीमति प्रमिला सिंह द्वारा कृषि एवं मूल्य वर्धित उत्पाद की बिक्री से संबंधित दिये गये सुझाव के संबंध में निदेशक महोदय ने कहा कि कृषि विज्ञान केन्द्र से संबद्ध उद्यमियों के उत्पादों की बिक्री के संबंध में सम्भावनाएं एक्सपलोर की जाये। | सभी विषय विशेषज्ञ, संबंधित विभागाध्यक्ष एवं संस्थान के प्रशासनिक/वित्त अनुभाग, प्रभारी कृषि विज्ञान केन्द्र |
| 23. | डा. राजकुमार सिंह, निदेशक, भारतीय पशुचिकित्सा अनुसंधान संस्थान | गृह विज्ञान द्वारा लगायी गयी ओ.एफ.टी./एफ.एल.डी. में प्रतिभागियों की संख्या पर्याप्त होनी चाहिये। | डा. रंजना गुप्ता, विषय विशेषज्ञ, |
| 24. | डा. अनिल कुमार गर्ग, संयुक्त निदेशक (प्रसार शिक्षा), भारतीय पशुचिकित्सा अनुसंधान संस्थान | प्रत्येक आयोजित प्रशिक्षण का फोलोअप, प्रशिक्षण से पूर्व एवं बाद में मूल्यांकन अवश्य होना चाहिये तथा प्रशिक्षण से संबंधित फार्म साहित्य प्रशिक्षणार्थियों को अवश्य मुहैया कराया जाये। | कृषि विज्ञान केन्द्र के सभी विषय विशेषज्ञों, |
| 25. | डा. अनिल कुमार गर्ग, संयुक्त निदेशक (प्रसार शिक्षा), भारतीय पशुचिकित्सा अनुसंधान संस्थान | कृषि विज्ञान केन्द्र द्वारा आयोजित की जा रही सभी गतिविधियों/ प्रसार कार्यों के आँकड़े मूल रूप से उपलब्ध रहना चाहिये। | कृषि विज्ञान केन्द्र का समस्त स्टाफ, प्रभारी कृषि विज्ञान केन्द्र |