

**MINUTES OF 9<sup>th</sup> MEETING OF AGRICULTURAL ECONOMICS,  
AGRICULTURAL STATISTICS AND EXTENSION EDUCATION SUB COMMITTEE OF  
SOCIAL SCIENCE GROUP HELD AT NAU, NAVSARI ON FEBRUARY 20<sup>th</sup>, 2013**

**INAUGURATION SESSION**

The inauguration session was started in the presence of Hon. Vice-Chancellor NAU, Navsari, Dr. A. R. Pathak, Director of Extension Education, Dr. H. J. Derashri, Associate Director of Research, Dr B. N. Patel, invited guests Dr R. B. Patel, Former Director of Extension Education and Dr. T. J. Khatri, Former Head, Department of Agricultural Statistics, NAU, Navsari.

The Convener, Dr. H. R. Pandya, welcomed the Hon. Vice-Chancellor, dignitaries, invited guests and all the members of social science group followed by flower welcome.

Dr. Derashri and Dr. B. N. Patel, addressed the house by emphasizing to work on feedback and crop marketing so, farmers can get maximum price of their produce respectively.

Hon. Vice Chancellor, Dr. Pathak suggested to start short term courses through distance education and make data base pamphlets, leaflet and news paper to increase the awareness about market intelligence among the farmers so, the demand driven plan can be possible which ultimately create the importance of rate of technology adoption and kind of refinement is to be needed.

Dr. R. D. Pandya, Professor and Head, Department of Extension Education, conveyed the vote of thanks to all respected dignitaries, invitees and members of the sub committee.

**TECHNICAL SESSION I**

- Chairman** : Dr. A. R. Pathak, Hon. Vice Chancellor, NAU, Navsari  
**Co-Chairman** : Dr. H. J. Derashri, Director of Extension Education, NAU, Navsari  
: Dr. B. N. Patel, Associate Director of Research, , NAU, Navsari  
**Rapporteurs** : Dr. R. D. Pandya, Professor & Head, Department of Extension Education, NMCA, NAU, Navsari

- 9.1.1** : Approval of minutes of the 8<sup>th</sup> AGRESO Sub-committee meeting of Social Science group held at NAU, Navsari on Feb., 27<sup>th</sup>, 2012

The house has approved the minutes.

- 9.1.2** : Review of follow up action taken on the minutes of 8<sup>th</sup> AGRESO sub-committee meeting.

The action taken by the concerned members were discussed by the Chairman of the session and following decision were proposed for further consideration.

The Chairman suggested that every Head of Unit/Centre should take at least one research project which can serve as a feedback for the University and for that the members can propose other agency project to develop the necessary human resources for the mandatory research work.

**(Action: All Head of Unit/Centre, NAU)**

- 9.1.3** : Topic of talk

Dr. N. Singh, Associate Professor (Agri. Econ), ACHF, delivered a talk on "Growth of Milch Animal in Gujarat State -opportunities and future prospects". House appreciated the talk.

**TECHNICAL SESSION II**

**EXTENSION EDUCATION**

- Chairman** : Dr. H. J. Derashri, DEE, NAU, Navsari  
**Rapporteurs** : Dr. M. R. Bhatt, Associate Professor (Extension), NMCA  
: Dr. H. U. Vyas, Associate Professor (Extension), VCVSAH

- 9.2.1** : KVK, Vyara

Dr. N. M. Chauhan PC, presented the results of three studies;  
(i) Knowledge and adoption level of farmers about scientific cultivation of okra in Tapi district,  
(ii) Knowledge of farmers of soybean production technology in Tapi district, and

The result of the first study was approved by the house. However, for second the house suggested to increase the respondent size to make the same more meaningful and for third, by completing the analysis part of the study and results of both should be presented in next AGRESCO.

In general, Dr. R. B. Patel, Formar DEE, suggested that each study should be concluded with the message and strategy. House has accepted his suggestion.

Further, the Chairman of the session suggested that all KVKs should take studies on; (i) Impact assessment of FLD technology and (ii) Awareness of farmers about knowledge centre established by KVK. For data collection the questionnaires should be finalized in consultation of personnel of Directorate of Extension Education.

**(Action taken: PC and SMS (Ext.), KVK, Vyara)**

**9.2.2 : KVK, Dediapada**

Dr. J. H. Rathod PC, presented the activities carried out by KVK and proposed a research project entitled; Cropping pattern adopted by tribal farmer of Narmada district, but the member of house informed the Chairman that said project was already approved in 7<sup>th</sup> AGRESCO. The house taken serious note for not completing the work and strictly instructed to complete the project and results should be submitted in next AGRESCO.

Moreover, the suggestion made by the Chairman of the session in 9.2.1 should also be followed.

**(Action taken: PC, SMS (Ext.), KVK, Dediapada)**

**9.2.3 : KVK, Surat**

Dr. P. D. Varma SMS (Ext.), presented the new technical programme entitled; Children food pattern and can sequences in tribal areas of Surat district. This study will be carried out by SMS Home Science. The result will be submitted in next AGRESCO.

Moreover, the suggestion made by the Chairman of the session in 9.2.1 should also be followed.

**(Action taken: SMS (Home Science) & SMS (Ext.), KVK, Surat)**

**9.2.4 : KVK, Waghai**

Prof. S. D. Kavad SMS (Ext.), presented the progress of research study entitled; Study on rate of adoption of newly released Nagli production technology. The house taken serious note for not completing the work and strictly instructed to complete the project and results should be submitted in next AGRESCO.

Moreover, the suggestion made by the Chairman of the session in 9.2.1 should also be followed.

**(Action taken: SMS(Ext.), Waghai)**

**9.2.5 : SWMRU, Navsari**

Prof. R. T. Khatri Asst. Res. Sci. (Agril. Econ), presented the on-going activities of SWMRU and the result of research project entitled; Assessing after effect of trained training programme on the trainers. House approved the results.

Further, he also presented new technical programme entitled; Farmers' perception and problem faced in fertigation of some important crops. House suggested that instead of whole Gujarat, the area of study should be restricted to South Gujarat with 30 farmers for each major crop.

**(Action taken: Asstt. Res. Sc.(Agri. Econ), SWMRU,Navsari)**

**9.2.6 : Dept. of Ext. Edu., ACHF**

Dr. O. D. Vanparia, Asso. Prof. (Extension) presented the on-going activities of the department. He presented new technical programme on "Expectation and motivational sources of newly enrolled students of B.Sc. (Hort.)". The result of research projected will be submitted in next AGRESCO.

**(Action taken: Asso. Prof.,( Ext.), ACHF, Navsari)**

- 9.2.7** : **ATIC, Office of Dir. of Ext. Edu.,**  
 Dr. O. P. Sharma, Associate Professor & Manager, ATIC presented the results of his research project entitled; Working behaviour of migrant labour in agriculture in South Gujarat" for Dang district. House approved the results. He also reported that same study will be taken for Navsari and Tapi districts during the year 2013-14 and 2014-15, respectively.  
**(Action taken: Manager,ATIC Office of Dir. Ext. Edu., Navsari)**
- 9.2.8** : **Dept. of Ext. Edu., Vet. College**  
 Dr. H. U. Vyas Asso. Prof. (Vet. Ext.), presented the different activities carried out by department. He presented the results of research project titled "Consequences of Agricultural and Animal Husbandry Innovations on the farmers of Vandsa taluka of Navsari district." House appreciated the findings.  
 In absence of Dr. D. Rani, Asstt. Prof. (Vet. Ext.), Dr. Vyas presented the status of research project entitled; Training Needs of Dairy farm Women in South Gujarat Region. The data collection of two dairies, viz., Vasudhara and Sumul were over while Dudhdhara dairy was yet to complete. The delay in completion of said work is noted for her negligence and instructed to complete and submit the result in next AGRESKO.  
**(Action taken: Asso. Prof., Dept.(Vet. Ext.), VCVSAH, Navsari)**
- 9.2.9** : **Dept. of Ext. Edu., NMCA, Navsari**  
 On the suggestion of Hon. Vice-Chancellor during 8<sup>th</sup> AGRESKO, one research study on image and impact of KVKs of NAU was conducted by postgraduate students under the guidance of Dr. R. D. Pandya, Professor & Head, Dept. of Extension Education.  
 Dr. Pandya, presented the results of said research project. The house appreciated and approved the results of research. The Chairman suggested that the copy of the project report to concern KVK and Directorate of Extension Education for information and necessary actions.  
 Dr. M. R. Bhatt, Asso. Professor (Extension) presented the results of research project on 'Impact assessment of training programme organized for Bio-pesticides users of South Gujarat'. The result was approved by house.  
 Dr. Bhatt, presented new technical programme entitled; A study on the use of teaching method by the teacher of NAU at under graduate level. The results will be presented in next AGRESKO.  
 Dr. H. L. Jana, Asstt. Professor (Extension Wing) presented the status of research activities of scheme entitled; "Strengthening of Extension Wing". House appreciated the work but side by side the house took serious note on negligence for not completing two research projects since last three years. The Chairman strictly instructed him to complete the pending projects and results should be presented in next AGRESKO.  
**(Action taken: Prof. & Head, Dept. of Ext. Edu., NMCA, Navsari)**
- 9.2.10** : **LPM, VCVSAH,**  
 Dr Sabapara Asst. Prof. (LPM), presented the new technical programme for necessary approval from the house. The Chairman of the session suggested to consult Professor & Head, Department of Extension Education for the same.  
**(Action taken: Prof. (LPM), VCVSAH, Navsari)**
- 9.2.11** : **KVK, Navsari**  
 Dr. C. K. Timbadia, PC, presented the activities of KVK, Navsari alongwith the project assigned entitled; Impact assessment of vegetable growers of selected villages under RKVY project. House noted that it was approved in 8<sup>th</sup> AGRESKO and considering the progress it was suggested to complete the assigned work and result should be presented in next AGRESKO.

Moreover, the suggestion made by the Chairman of the session in 9.2.1 should also be followed.

(Action taken: PC , KVK, Navsari)

**TECHNICAL SESSION-III  
AGRICULTURAL ECONOMICS & ABM**

**Chairman** : Dr. K.S.Patel, Professor, Department of Economics, NMCA  
**Rapporteurs** : Dr. A. K. Leua, Associate Professor (Agril. Economics), AABMI  
Dr. N. Singh, Associate Professor (Agril. Economics),ACHF

**9.3.1 : Dept. Agril. Economics, NMCA**

Prof. N J. Ahir Asst. Res. Sci. (Agril. Econ.), presented results of "Comparative economics of SRI and traditional method of Paddy cultivation in Tapi district of South Gujarat". The house accepted the result with suggestion that instead of 47 per cent more return over operating cost, write approximate 47 percent return on operating cost. The result was accepted and approved by house.

Dr. J. J. Makadia Assoc. Prof. (Agril. Econ.), presented new technical programme entitled; "Economics of Leased out village pond of fish in Navsari district of south Gujarat - a case study". House suggests to change the title as "Economics of Leased out village pond of fish in Navsari district of south Gujarat".

The result of Economics and marketing of Turmeric will be presented in the next Agresco.

**(Action taken: Prof. (Agril.Econ.), NMCA)**

**9.3.2 Department of Agril. Economics, ACHF**

Dr. N. Singh, Assoc. Prof. (Ag. Econ.), presented progress of on going programme and departmental activities.

**(Action taken:Assoc. Prof., (Agril.Econ.), ACHF)**

**9.3.3 ASPEE Agri-Business Management Institution**

**(I)** Dr. A. K. Leua, Assoc. Prof. (Agril. Econ.), presented the results of two studies; (i) Present status, prospects and problems of small and medium enterprise in Agril. Biotechnology of Gujarat State, and

(ii)Role of infrastructure on Agriculture growth in Gujarat. House accepted the results of first study and suggested to find the districtwise disparities in infrastructure from second study.

Dr. Leua, presented following four new technical programmes.

(i)Diversification in land use and cropping pattern of South Gujarat: In contest to pre and post WTO era. The House approved with modification in title *i.e.* 'Diversification in land use and cropping pattern of South Gujarat' and study should be confined to last two decades.

(ii)Structural changes over time in cost of cultivation of major crops of South Gujarat. House approved the same.

(iii)Linking farmers to Nagli market: value addition through processing with reference to Nagli products. The house approved with modification in title *i.e.* 'Linking Nagli farmers to market: value addition through processing with reference to Nagli products'. The sample size should be of 120 respondents.

(iv)A study on trends in area, production and price movement and marketing strategies of major vegetables of south Gujarat. The house approved the same.

**(II)** Dr. R. Shukla, Assoc. Prof., (Marketing), presented two new technical programmes; (i) A study on the cluster development for market access to vegetable farmers in South Gujarat, and

(ii) Consumer behavior for loose and packaged milk in Surat and Navsari districts. The house approved the first and suggested to segment the sample between Rural and Urban for second.

**(III)** Dr. S. Sharma Asst. Prof. (ABM), presented new technical programme;

'Assessing consumer's awareness and attitude towards organic food products'. The house suggested to modify the title as 'Assessing consumer's awareness and attitude towards organic food products in South Gujarat'.

(IV) Prof. M. G. Thakkar, Asst. Prof., (HRD), presented new technical programme; 'Perceived quality of work life of Navsari Agricultural University employees'. The house suggested to modify the title as 'Perceived quality of work life of employees of Navsari Agricultural University Campus'.

(V) Prof. R. G. Thakkar Asst. Prof. (IT), presented new technical programme; 'Data mining approach for improvement in co-operative: A case of Amalsad co-operative with special reference to Sapota value chain". The house approved the study.

(Action taken: Dean, AABMI, NAU.)

#### TECHNICAL SESSION-IV AGRICULTURAL STATISTICS

**Chairman** : Dr. T.J.Khatri, Former Head, Department of Agricultural Statistics

**Rapporteurs** : Prof. H.N.Chhatrola, Associate Professor (Agril. Stat.), ACHF  
Prof. J.B.Patel, Assistant Professor (Agril. Stat.), NMCA

**9.4.1** Department of Agricultural Statistics, NMCA

Dr. H. R. Pandya, Prof and Head, presented the progress of on going research project entitled; Study on variability of fruits in new Sapota cultivar under South Gujarat condition.

(Action taken: Prof. and Head, (Ag. Stat.), NMCA)

**9.4.2** Department of Agricultural Statistics, ACHF

Prof. H. N. Chattrola, Assoc. Prof. (Agril. Stat.), presented the results of experiment entitled; Plot techniques study in chilli. The house accepted.

Prof. Chattrola also presented new technical programme entitled; Plot technique study in Banana. The house approved the same.

(Action taken: Asso. Prof., (Agril. Stat.), ACHF)

#### TECHNICAL SESSION V PLENARY SESSION

**Chairman** : Dr. H. J. Derashri, DEE, NAU, Navsari

**Rapporteurs** : Dr. M. R. Bhatt, Associate Professor (Extension), NMCA  
Dr. V. M. Thumer, Associate Professor (Agril. Econ.), AABMI

The reports of all three technical sessions were presented by the Chairmen of respective session and were approved by the house.

The Chairman has nominated Prof. M. G. Thakkar, Asstt. Prof. (HRD), for special talk in 10<sup>th</sup> AGRESO.

House decided to include the all IT faculties of NAU as member of this house.

(Action taken: Convener of AGRESO of SS)

At the end of session, Dr. R.D.Pandya, has extended the vote of thanks to all who have plays significant role for smooth conduction of the meeting.

(H. R. Pandya)  
Convener of AGRESO  
&  
Professor & Head  
Department of Agricultural Statistics  
NAU, Navsari