

**Minutes of the State Co-ordination Committee Meeting held at AAU, Anand on
23.03.2017 for Doubling Farmers' Income in Gujarat by 2022**

First Co-ordination Committee Meeting for Doubling the Farmers' Income in the State by 2022 was held in Yagvalkaya hall on 23rd March 2017 at Anand Agricultural University, Anand. The Meeting started with the floral welcome of the dignitaries. Total 47 persons (as per Annexure) attended the Meeting in esteemed presence of Principal Secretary, GoG, Shri Sanjay Prasad, IAS and under the Chairmanship of Dr. AR Pathak, Vice Chancellor, JAU, and Junagadh. Dr. NC Patel, Vice Chancellor, AAU, Anand, Dr. CJ Dangaria, Vice Chancellor, NAU, Navsari, Dr. AA Patel, Vice Chancellor, SDAU, Dr. SK Singh, Director, Agriculture Technology Application Research Institute, Jodhpur, Shri SK Singh, Dy Secretary, Ministry of Food Processing & Industry, GoI, Dr. T Radhakrishnan, Director, Directorate of Groundnut Research, ICAR, Junagadh, Dr. KP Manivel, Director, Directorate of Medicinal and Aromatic Plants Research, ICAR, Boriavi and representatives of Director of Agriculture, Horticulture and Animal Husbandry, GoG as Honorable Members of the Committee.

The Principal Secretary, Gog, in his address informed the experts that GoG has already prepared two documents for doubling the income of the farmers as per the vision of the Hon'ble Prime Minister of India who has focused on seven key points. He emphatically said that it is quite achievable in the state. He also suggested that the strategies should be suggested based on the technologies available, including varieties, which suits to the area specific and GoG has already made some efforts like a vision document in two volumes prepared by IIM Ahmedabad with a detailed case study of Bt cotton for Gujarat State. In vibrant Gujarat 2016, two days action seminar was held at Mahatma Mandir in twelve groups with 120 specialists' vision in this direction. Moreover, a book has been brought about 101 farmers' success stories indicating all possibilities of doubling the income of farmers. Organic agriculture is being promoted in a big way in Gujarat State showing low cost input giving best production almost double. He emphasized the constraints of land tenancy by urban and foreign migration of farmers in the state is a bottleneck in doubling the income of the farmers. GoG has also brought about electric power supply policy for farming and promoting solar energy in agriculture by giving 50% subsidy in agriculture. GoG has signed several MoUs in PPP mode with Cooperatives, GCMMF and many agro industries to support doubling the farmers' income in the state. Finally, he concluded that present meeting will come out with specific strategies to be implemented by GoG.

Total eight presentations were made during the meeting. First very comprehensive presentation was made by **Dr. R. L. Shiyani, Professor and Head, Department of Agricultural Economics, Junagadh Agricultural University Junagadh. The title of the presentation was "Doubling Farmers' Income in Gujarat by 2022: Retrospect and Prospects"**.

First part of the presentation included important issues based on available literature and own analysis. This included doubling Farmers' Income concept and evaluation, average farm income levels in India and States and PM's 7 point *mantra* for doubling Farmers' Income in the country.

Second part of the presentation focused on Gujarat and discussed farm income potential of Gujarat and Saurashtra and 22 point strategies, as briefly discussed below, for doubling Farmers' Income in the State.

Twenty two point strategies

1. Managing yield gap and reducing costs
2. Land augmenting measures
3. Creating horticultural and pulse zones
4. Improving micro irrigation systems
5. Leveraging precision farming techniques
6. Alleviating financial distress
7. Fixing post-harvest losses
8. Focusing on value-chain approach
9. Tackling income insecurity
10. Leveraging PMFBY
11. Enhancing small farm productivity
12. Cultivating SAZs
13. Commercializing crop bio-mass
14. Innovating digital marketplaces
15. Supporting the cause of FPCs
16. Crops competitiveness study
17. Incentivizing livestock rearing
18. Investments in agriculture: are they enough?
19. Encouraging agro-forestry and fisheries
20. Increasing income with increased exports
21. Bringing rainfed areas under organic farming
22. Harnessing solar energy

The presentation also discussed the suggestions for doubling farmers' income in Saurashtra region. Some of the Important suggestions are as follows:

1. Improve seed replacement rate and development of groundnut varieties for confectionaries and value added products.
2. Improving farm mechanization
3. Leverage fruit processing units and processing technology
4. Proliferate protected cultivation
5. Intensify the use of biofertilizer, bioagent and bio-control appliances
6. Materialize the benefits of Geographical Indication (GI)
7. Maintain purity of breeds
8. Improve availability and accessibility of fodder and balanced nutrients.
9. Devise technologies for rapid diagnosis of diseases and nutrient deficiency.
10. Strengthen R & D facilities for marine and inland fisheries

Dr. I. U. Dhruj, Associate Director of Research, Junagadh Agricultural University, Junagadh, discussed the Strategies of groundnut, cotton and chickpea for increasing farmers' income in the State.

Major strategic crops

- *Kharif* Crops : cotton, groundnut, castor, pearl millet, sesame, vegetables and pulses
- *Rabi* Crops : wheat, gram, seed spices, onion, garlic and vegetables

- Summer Crops: groundnut, pearl millet, sesame, mungbean, cluster bean, vegetables
- Fruit Crops : mango, sapota, citrus, coconut, guava, papaya and pomegranate etc.

To reap the benefits of the potential of these crops focus should be on the following issues:

1. Major focus on irrigation with large budgets, with the aim of "per drop, more crop
2. Provision of quality seeds and nutrients based on soil health of each field.
3. Large investments in warehousing and cold chains to prevent post-harvest crop losses.
4. Promotion of value addition through food processing

Dr. MK Jhala, Associate Director of Research, Anand Agricultural University, Anand made presentation on "Suggestions/Measures for doubling farmers' income". Keeping in view the overall significance in central Gujarat, the presentation was divided into different segments which are given with focused points as below.

Segment : Food grains:

Focus :

1. Selection of varieties as per soil type and climate change
2. Seed replacement ratio/rate(SRR)
3. Optimum plant population
4. Non monetary inputs
5. Low monetary inputs
6. INM as per soil health card
7. Increase WUE and FUE
8. Integrated Weed Management
9. Precision farming
10. Organic farming

Segment : Agricultural Marketing

Focus:

1. Market Intelligence
2. Market Reforms
3. National Agricultural Market (E-NAM)
4. MSP and Market Incentive Scheme
5. Promoting Farmers Organisations
6. Crop Insurance

Segment: Horticulture

Focus:

1. Producing quality planting materials
2. Use of tissue culture planting materials
3. Knowledge regarding hi-tech production technology
4. Protected cultivation
5. Reducing yield gaps among the states

6. Single crops variety cultivation
7. Post harvesting handling for reducing losses
8. Farm level value addition
9. Promotion of intensive cultivation

Segment : Livestock and Poultry

Focus:

1. Feeds and Fodders
2. Housing and Management
3. Breeding
4. Health management
5. Livestock Extension

Segment : Inland fish farming

Focus:

1. Ensuring quality seed availability
2. Providing rearing space for fish seed rearing in natural water in villages
3. Establishing diagnosis laboratories for fish diseases
4. Establishing fish feed production units
5. Providing post-harvest infrastructure
6. Intensification of breeding and culture of ornamental fishes.
7. Educating farmers on seed production and modern techniques

Segment : Beekeeping

Focus:

1. Training on beekeeping and maintenance with different agricultural crops
2. If farmers keep 3 colonies per hectare in various crops and maintain properly, they may harvest 15 kg of honey per year through which earn Rs. 13500/- more income.

Segment : Mushroom Production

Focus:

1. Financial assistance to farmers/ mushroom growers
2. Facilitating the market for selling the fresh and dry mushrooms
3. Value addition of the mushrooms
4. Need to develop industries for dehydration of fresh mushroom for longer storage.
5. Developing Substrate Pasteurization Centers on cluster basis for mushroom growers.
6. Creating association/ societies of mushroom growers
7. Strengthening the role of ICT for encouraging the mushroom growers.

Segment : Dairying

Focus:

1. Clean milk production
2. Start-up small value added dairy product units
3. Govt can provide subsidy to install small dairy equipments
4. University can impart training to dairy entrepreneurs

Segment: warehousing, cold chain and value addition

Focus:

1. Promotion of Minimal Processing Centers at village level

2. Promotion of taluka level cold chains for perishables
3. Promotion of rural godowns
4. Promotion of village level agro processing centres
5. Promotion to create commodity based value chains
6. Cluster based food processing for selected commodities
7. Trainings for Entrepreneurship development
8. Promotion of food quality testing facilities
9. Promotion for processing of high value products particularly for exports

Segment : Water Management

Focus:

1. Promotion of Micro-irrigation and resource conservation technologies (RCTs)
2. Wastewater needs to be utilized for irrigation after its proper treatment
3. Structures to provide more infiltration opportunity time for water recharge
4. Developing SRI system for other major crops on the lines of Rice
5. Modification of crop calendars, i.e., timing or location of cropping activities
6. Developing thermo resilient, salt tolerant and water logging tolerant cultivars
7. Need to revise IDF curves
8. Integrated research to raise crop yield, nutrient and water use efficiency
9. Compelling farmers to adopt MIS in canal and ground water command areas
10. Encouraging Public Private Partnership
11. Construction of series of check dams across river paths
12. Urban agriculture and Urban runoff management
13. Tillage coupled with organic mulching enhance water retentively

Segment :Farm Mechanization

Focus:

1. PPP mode production of machinery for top down and bottom up approach
2. Providing vocational skills to rural artisans for dissemination of knowledge
3. Precise application of inputs for crop use
4. Custom hiring modalities to be developed
5. Entrepreneur skill maintenance and development of agricultural machinery
6. Establishing Agricultural Engineering directorate in the state

Segment :Extension Education

Focus:

1. Benchmark survey : Present Income of farmers for the year 2016
2. Preparation of Taluka Action Plan
3. Information Technology for TOT
4. Continuous Farmers Training for the Updation of Skill & Attitude
5. Promotion of Interest groups
6. Agricultural T V channel at State level
7. State support to KVKs of Gujarat State

Strategies for doubling farmers' income of South Gujarat discussed in the presentation on “Doubling Farmers Income by 2022” by Dr SR Chaudhary, I/C Director of Research, NAU, Gujarat are briefly presented here.

1. Varieties/Hybrids:

1. Harnessing biotechnological and nano-technological tools for development of promising varieties/hybrids

2. Promotion of varieties/hybrids developed by SAUs to meet needs of South Gujarat
3. Expansion of Area Under Cultivation by Utilizing Area Specific crop

2. Production of Quality Seeds/Planting Materials

1. Strengthening of infrastructures for mass seed production e.g. Mega Seed Project, Tissue Culture laboratories, High-Tech nurseries
2. Mass production of seeds on PPP mode involving farmers

3. Optimizing cost of Production

1. Promotion of newer IPDM/ INM/ IWM Technologies
2. Enhancement of Input Use Efficiency
3. Enhancing adoption of Low cost protected cultivation
4. Maintenance of Soil Health by promoting Crop Sequencing, Inter Cropping and Organic Manuring
5. Popularization of use of effective mechanization

4. Micro irrigation system (MIS)

1. Training and awareness programme for wider adoption of MIS
2. Policies for promoting adoption of MIS in various crops
3. Supply of saved water to newer water scarce area

5. Horticultural Crops

1. Promotion of High Density Plantation, rejuvenation of old orchards
2. Promotion of MIS/ INM technologies
3. Augmenting nutritive values of the fruits and vegetables
4. Establishment of cold chain & processing units for horticultural produce
5. Establishment of radiation unit for promotion of exports
6. Establishment of central diagnostic laboratories for disease forecasting and testing at district/regional level

6. Animal Husbandry

1. Revisit breeding policies for disease resistant high yielding animals
2. Conservation of pure Indigenous breeds of animals
3. Promotion of efficient managemental technologies for enhancing productivity of animals
4. Strengthening of infrastructure for animal health & diagnostics
5. Production of quality fodder on *gocharland* for milch animals

7. Fisheries

1. Establishment of hatcheries
2. Creation of infrastructure facilities for mechanized harvesting and packaging
3. Establishment of marketing and cold chain facilities
4. Establishment of disease diagnostic centre and value addition

8. Model IFS

1. Establishment of model IFS at all extension centers for vocational trainings
2. Policies for promoting adoption of IFS by the farmers

9. Trade & export

1. Establishment of modern fruits and vegetable markets with value addition and cold chain facilities
2. Establishment of mega food park
3. Facilities for farm gate processing
4. Development of alternative marketing channels like direct marketing
5. Establishment of farmers export consortium and organic food market at APMCs

10. Climate change & Adaptation

1. Change in agriculture policies and diversification of farming to mitigate effect of climate change
2. Use making farmers aware about impact of climate change and mitigation strategies.
3. Strengthening of forecasting system to mitigate losses caused due to unseasonal rains and floods

Dr Suresh Acharya, Director of Research & Dean PG Studies, SDAU, made presentation on “Doubling Farmers’ Income”. Dr Acharya started presentation by saying: Serve to save the farmer. No Farmer; No Food; No Future. The focus of the presentation was on the following issues.

1. Integrated Farming System
2. Twin Technologies: HDPS & GTHH 49
3. Water :Efficient water harvesting, efficient crop production system and water saving irrigation system
4. Resuscitate Soil Health
5. MAST: Management, Awareness, Seed, Time
6. Relay Cropping : Castor + Greengram
7. Two Tier System
8. Agro-forestry for adding ever greenery to agri-revolution
9. Arid Horticulture
10. Consummate Package of Practices
11. Crop Wise Recommendations
12. Value Amenability
13. Selective Breeding to Enhance Milk Production
14. Managing Crop Losses
15. Manage Spoil & Spoil
16. Value Addition

Dr. D. B. Patil & Dr. P. H. Vataliya, KU, Gandhinagar, in their presentation on “Double the farmers' income” with focus on live stock dairy and fisheries, emphasised on the following Points for Action Plan:

1. Improve foliage production in the crops and avoid over extraction of crop residues leaving behind low quality agro-wastes for animals
2. Increase coverage of livestock insurance and effective insurance services
3. Improve credit facilities at low interests for infrastructure/housing facilities
4. Improvement in rural roads for better transport
5. Improvement in cold chain facilities and godowns for perishable products
6. Climate management support to mitigate climate change effect
7. Shelter/ housing management, hygiene, sanitation

8. Increased training facilities at rural levels
9. Improve market facilities for organic animal products
10. Mass vaccinations/de-worming for disease control
11. Door step AI & Veterinary Services through mobile veterinary service network
12. Special incentives to nomadic tribes
13. Promoting rural entrepreneurship with incentives to rural youths & women,
14. Strengthening dairy co-operatives, SHGs etc.
15. Contract/ community livestock farming, PPP mode

Presentation from ICAR-Directorate of Medicinal and Aromatic Plants Research, Boriavi, Anand focussed on the following Research Strategies to address the challenges pertaining to Doubling the farmers income.

1. Conservation of natural habitats and RET species, and their sustainable utilization for ecological balance.
2. Management and enhancement of MAP germplasm.
3. Breeding for high yielding, chemotypic, pests and disease resistant superior varieties through the use of conventional as well as biotechnological approaches.
4. Standardization of mass multiplication techniques for the production of quality seed and planting material through the use of frontier technologies.
5. Basic and applied research for developing good agricultural and collection practices.
6. Intensify and diversify the cultivation of MAPs in the existing cropping systems for sustainable development, and to minimize the cost of production and risk factors.
7. Standardization of post harvest technologies and value addition in MAPs to improve quality and economic return.
8. Mechanization of MAPs cultivation and post harvest operations
9. Development of standard operating protocols, chemical fingerprint and fixing of parameters for monitoring quality of raw drug.
10. Development of forecasting systems for disease and pest, and other information on area, production and trade.

Dr. S. K. Singh, Director, ICAR-Agricultural Technology Application Research Institute, Jodhpur, Rajasthan, in his presentation on Doubling the farmers' income by 2022: Current scenario of Gujarat and future strategies highlighted the following future strategies:

1. **Increase in agricultural production:** Intercropping, diversification, drought proofing, intensive agriculture and risk mitigation etc.
2. **Increase in farm productivity:** Input use management, SHCs, protected agriculture, farmer's innovation and capacity building.
3. **Production and Supply of Quality Seeds:** Active involvement of private sector, NGOs, & farmers' participatory production of quality seeds. Popularization of seed village concept with buyback system and creation of seed hubs.
4. **Promotion of livestock sector:** farmers breeders association for conservation of indigenous breeds, production of skilled AI practitioners, formation of fodder banks, promotion of clean milk production and value addition, promotion of poultry, goatery, fishery units at farmers' fields for farm diversification

5. **Post-harvest management:** production to post-harvest management, improved harvesters, threshers and graders, creation of Warehousing /Cold Storage facilities,
6. **Harnessing potential of Rural Youth**
7. **Green agriculture**
8. **ICT based outreach**
9. **Secondary agriculture:** eNAM, infrastructure through PPP mode etc
10. **Skilling agriculture**

Dr. DV Barot Joint Director Agriculture Krushi Bhavan, Gandhinagar, spoke on “Road map of Gujarat Doubling Farmers Income by 2022”.

Strategies to achieve the targets:

1. Increase the Productivity and Processing in Agriculture sector to Double farmers’ income by adopting modern & sustainable agricultural practices; and ensure food security for all
2. Crop specific precision agriculture practices like scientific & timely use of high quality seeds / planting material, crop nutrients, fertigation and other plant protection methods
3. Crop Specific Integrated Nutrient Management (INM) and Integrated Pest Management techniques (IPM)
4. Focus on farm mechanization for improving efficiency in crop production, crop harvesting & post-harvest handling practices
5. Increased push on extension programmes such as Krushi Mahotsav etc.
6. Conduct awareness campaigns across the state to disseminate the importance and advantages of crop insurance schemes
7. Promote & replace traditional methods of irrigation with micro-irrigation techniques (drip irrigation, sprinklers) to increase water use efficiency and area under irrigation
8. Develop agro & food processing clusters and establish integrated food processing parks catering to entire value chain to reduce wastage and increase level of food processing in the state

Focus area

1. Institutionalization of Farmer
2. Reduction in Cost of Cultivation
3. Increase in Irrigated area
4. Increase in Production
5. Remunerative Price
6. Reduction in Post-harvest losses

Dr SS Gavit, Joint Director of Horticulture, Vadodara outlined Key Strategies for Doubling of income

1. Utilization of nonconventional area
2. Good Planting Material/ Quality seeds
3. Skill Development and Training
4. Micro irrigation and Fertigation
5. High-Density Plantation
6. Protected Cultivation
7. Rejuvenation of Orchards
8. Post Harvest Handling and Management
9. Storage and Cold Chain

10. Farm advisory Services
11. Technology driven Education
12. Value addition Organic Farming/Clean Cultivation
13. Market and Value Chain Development
14. Promotion of Export
15. Use of Integrated Nutrient Management & Integrated Pest Management
16. Focus on Farm Mechanization
17. Strengthen Extension System

After all the presentations of SAUs and line department GoG, invited guests of Gol institutes and departments expressed their views.

Dr. SK Singh, Director, Agriculture Technology Application Research Institute, Jodhpur, briefed the activities about 72 KVKs functioning for transfer of technology, out of which 30 are functioning in Gujarat for better livelihood of the farmers. He emphasized about the major constraints of drought prone areas and non-availability of quality seeds in target of doubling the income and finally gave three step approach of concentrating on productivity, sustainability and profitability.

Shri SK Singh, Dy Secretary, Ministry of Food Processing and Industries, Gol, briefed the house about various schemes of Gol like mega food park, development of cold chain facilities and grant up to 10 crore to agro clusters for food processing and related subsidy schemes.

Dr. AA Patel, Vice Chancellor, SDAU suggested that since decade we focused on income increase at farm level in Gujarat and emphasized that attracting rural youths for farming and food processing. He further said that doubling income is our target but we can make much more farming lucrative. Food parks, mega food parks and agro clusters should be organized at near by farms at local places with banking loan/finance easy for farmers. Soil and crop productivity need collectively to be addressed with precision high tech farming which surely give farmer two to three times more harvest.

Dr. CJ Dangaria, Vice Chancellor, NAU informed the house that mainly national income from agriculture sector is impacting our GDP and to doubling it up to 2022 is little difficult task. But if our youths can take risk in agriculture, forming cooperative groups, combined input purchase and technologies following group finance in villages will be helpful. He also gave the slogan of minimizing the cost and maximizing agro outputs involving state department of agriculture, NGOs and PPP companies we can achieve the target of 2022.

Dr. NC Patel, Vice Chancellor, AAU, appreciated views of Universities presentations and line department of GoG and Gol. Reduction of cost of cultivation and concentrating water use efficiency with approach on apiculture, mushroom cultivation etc. with employment generation in rural areas will be helpful for approach of doubling the farming income. He emphasized on state, national and global present status of agriculture for formulating action points for Government and proposed a tabular format for data compilation. The format is as follows:

Sr. No.	Segment	Suggestion	Policy Measures suggested	Measures to be adopted by Govt /SAUs
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Dr. T, Radhakrishnan, Director, Directorate of Groundnut Research Station, Junagadh ICAR nominated Convener for State level Committee highly appreciated good efforts of SAUs covering all areas doubling the farmers income and to prepare road map. As the achievable target in time framed and we have to go ahead focusing available technologies and some of the very short duration technologies will be brought out in a year or two to achieve target. He informed the house about compilation of information in three column format of ICAR.

Strategy	Possible contribution	Requirements
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Dr. AR Pathak, Vice Chancellor, JAU, Junagadh and Chairman of the Committee extended thanks to AAU Vice Chancellor and gave his remarks. Based on all presentations and discussion there is a need to prepare action plan for area based and university wise. Productivity increase is to be focused by seed replacement, gave example of rain fed wheat where easily can be doubled with one irrigation, in case of rice if sowing date is planned with onset of monsoon following advance nursery in June, 4 ton more production can be achieved and also to follow SRI technology in rice cultivation. Water harvesting and nano fertigation can also give 10 % more yield in crops with reduction in cost. Organic farming, green manuring, soil less protected cultivation should be brought in action points. He also emphasized on veterinary sector to be concentrate on bull breeding and good quality fodder to increase the income. He suggested that report is to be prepared in three way concentrating seven points of Prime Minister, keeping agro climatic and climatic zones and segment wise approach. Each University can prepared as per AAU's 11 subject wise areas linking with ICAR proforma. Some HRD and R&D short term projects which can be completed in two years to support the approach of doubling the income can be taken up immediately. In state agricultural plan, many information is readily available and may be used for finalizing information keeping non- agricultural ancillary approached like AAU's mushroom cultivation vision. AAU and DGR Junagadh can finalise the format for action plan.

The Meeting ended with the vote of thanks by Dr. KB Kathiria, DR & Dean PG studies, AAU, Anand.

ANNEXURE

1st State Co-ordination Committee Meeting for Doubling the Farmers' Income by 2022 at Anand Agricultural University, Anand.

Date: - 23rd March, 2017 Venue: - Yagyavalkya Hall Time: - 14.00 hrs.

Sr.No.	Name	Designation
1	Shri. Sanjay Prasad (IAS)	Hon'ble Principal Secretary (Agri.), GOG
2	Dr. A. R. Pathak	Hon'ble Vice Chancellor, JAU, Junagadh
3	Dr. N. C. Patel	Hon'ble Vice Chancellor, AAU, Anand
4	Dr. C.J. Dangaria	Hon'ble Vice Chancellor, NAU, Navsari
5	Dr. A.A. Patel	Hon'ble Vice Chancellor, SDAU, S.K.Nagar
6	Dr. K .B. Kathiria	Director of Research, AAU, Anand
7	Dr. D.V. Barot	Jt. Dir. Agri. Krishibhavan, GOG Gandhinagar

8	Dr. S.S. Ganvit	Jt. Dir. Horticulture, GOG, Vadodara
9	Dr. V. B. Parmar	Deputy Director of Animal Husbandry, GOG
10	Dr. K.A. Thakkar	Director, Ext. Edu. SDAU, S .K. Nagar
11	Dr. S. K. Singh	Director, ICAR, ATARI, Jodhpur
12	Sanjay Kumar Singh	Deputy Secretary, Ministry of Food & Processing, Gol, New Delhi
13	Dr. Radhakrishanan	Director, ICAR-DGR Junagadh
14	Dr. V.P. Chovatia	Director of Research, JAU, Junagadh
15	Dr. Suresh Acharya	Director of Research, SDAU, S .K. Nagar
16	Dr. P. Manivel	Director, DMAPR, Boriyavi, Anand
17	Dr. I.U. Dhruj	ADR, JAU, Junagadh
18	Dr.S. R. Chaudhary	Director of Research, NAU, Navsari
19	Dr. G.R. Patel	DEE, NAU ,Navsari
20	Dr. Arun Patel	DEE, AAU, Anand
21	Dr. R. Subbaiah	Principal & Dean (Agri. Engg.) CAET Godhra
22	Dr. P.H. Vataliya	DEE, Kamdhenu Uni. Gandhinagar
23	Dr. D.B. Patil	DR, Kamdhenu Uni., Gandhinagar
24	Dr. A.M. Thakker	Dean Veterinary, AAU
25	Dr.D.C.Joshi	Dean, FPT , AAU
26	Dr .J.B .Prajapati	Dean ,DSC, AAU
27	Dr. Y.C. Jhala ,	Dean, IABMI, AAU
28	Dr. Narendra Singh	Asso. Prof. Ag. ECO. NAU, Navsari
29	Dr.R.S. Pundir	IABMI, AAU
30	Dr. R.N. Singh,	ADR, SDAU SKNAGAR
31	Dr. P.P. Patel	SAU Council, Gandhinagar
32	Dr. P.R. Vaishnav	Prof. & Head, BACA Anand
33	Dr. R.N. Pandey	Prof. & Head, PI. Path, Anand
34	Dr. N.I. Shah	Prof. & Head, Horti. Anand
35	Dr. R.V. Vyas	Prof. & Head (Agri. Micro.), BACA

36	Dr.H.C. Patel	OSD, Horticulture college, Anand
37	Dr.M.V. Patel	Prof. & Head, Agronomy, BACA, Anand
38	R.L. Shiyani	Prof. & Head Agri. Economics JAU, Junagadh
39	Dr .V. R. Boghra	ASSO. DEE., AAU, Anand
40	Dr. M .K. Jhala	ADR, AAU, Anand
41	Dr. D.M. Korat	ADR, AAU, Anand
42	Dr.D.D. Patel,	Technical Officer to VC, AAU, Anand
43	Dr. A .D. Patel	Res. Sci., Reg. Res. Sta., Anand
44	Dr. F. P. Savaliya	HOD, Poultry Research Station, Anand
45	Dr. R .Swarnkar	Prof. & Head, CAET, Godhra
46	Dr. R.A. Patel	Asstt. Res. Sci., DOR, AAU, Anand
47	Dr. M. N. Brahmbhatt	Registrar, AAU