

**PROCEEDINGS OF THE 20th SCIENTIFIC ADVISORY COMMITTEE MEETING
OF KRISHI VIGYAN KENDRA, ANGUL HELD ON 18th JANUARY 2024**

The 20th Scientific Advisory committee meeting was held on 18th January, 2024 at 10.30 A.M at Krishi Vigyan Kendra, Angul premises in hybrid mode under the Chairmanship of Prof. Prasannajit Mishra, Dean Extension Education & Co-chairmanship of Dr. Amaresh Khuntia, JDE, DEE, OUAT, Bhubaneswar in presence of Dr. Avijit Halder, Principal Scientist, ICAR-ATARI, Kolkata, Zone-V.

After a warm welcome to the members & invitees by Dr. Debasis Mishra, Senior Scientist & Head, the meeting began with the brief introduction by the Chairman regarding the purpose of SAC meeting. The Chairman briefed the house about the significance of SAC & asked Senior Scientist & Head, KVK, Angul to proceed as per the agenda. Members present in the meeting are annexed herewith at Annexure-I.

AGENDA-I

Approval of SAC proceeding:

The 19th Scientific Advisory Committee meeting was held on 21st December 2022 and the proceeding of which was approved by the competent authority of the university on 21st June 2023. The approved 19th SAC proceeding was circulated to all the members vide letter no.32/KVK, dtd.: 11th January 2024.

AGENDA-II

The Senior Scientist & Head, KVK, Angul presented the action taken report on the recommendation of 19th SAC meeting.

ACTION TAKEN REPORT

Sl. No.	Recommendation	Action Taken
1	Assessment of MYMV tolerant Green gram & Black gram varieties during <i>Rabi</i> & <i>Summer</i>	Demonstration on cultivation of Greengram var. Virat in rice-fallow management programme in 25 ha during <i>Rabi</i> , 2022-23 and 5.0 ha in SCSP programme <i>Rabi</i> , 2023-24. An assessment on 4 to 5 varieties of Green gram for MYMV will be conducted under PP discipline during <i>Rabi</i> 2025-26
2	Popularization of Pulses like Field pea and Blackgram as <i>paira</i> crops to be undertaken	Included in OFT on assessment of INM in rice-pea <i>paira</i> cropping system during <i>Rabi</i> 2023-24
3	KVK should work on market linkage and some OFTs to be designed on market linkages	An OFT was designed to assess the market efficiency of FPOs which will be conducted during <i>Rabi</i> 23-24
4	Azolla as feed for sustainable livestock management should be promoted	Azolla unit has been established in KVK and method demonstration on Azolla cultivation was conducted in SCSP programme during 2023-24. Another training on "New trends of feeding in Livestock management" was also conducted involving 25 nos. of trainees during 2023-24 under Animal Science discipline.
5	Value addition in millets to be popularized by adopting different extension mechanisms	One awareness programme involving 50 nos. of F/FWs on importance of millets and its value addition was organized during Millet Diwas, 2023 & an OFT & a related skill training have been conducted for assessing the value added millet products

Sl. No.	Recommendation	Action Taken
6	Lemon grass cultivation should be promoted in areas having wild animal menace as well as the fallow lands in mining areas	Lemon grass demonstration unit is established in KVK and it is added under scale of finance for Angul district in 2023-24. Trainings in convergence with the forest department were conducted in Athmallik block last year involving 50 nos. of participants (VSS members).
7	The campus should have more viable demo units and should be more lively	New demonstrations units like Natural farming, Duckery, Rabbit rearing, Tilapia rearing & Fingerling production ponds, Poly-house for year-round seedling production, Guava (Var. Thai Pink), Arecanut (Var. Mohitnagar), Banana (Var. G-9) production demo units were made.
8	Pulse as well as Oilseed cafeteria should be maintained in KVK campus throughout the year	Oilseeds (Groundnut & Sesame) and pulses (Greengram) have been included in crop cafeteria. The assessment for MYMV tolerant
9	Quality fingerling production of IMC & other minor fishes sh. be emphasized in the district	A pond of 40 x 50 mt. size was excavated for producing quality fingerlings. 2 nos. of trainings & 02 FLDs were conducted regarding entrepreneurship development & additional income generation through fingerling production. Awareness programme were conducted in World Fisheries Day & National Fish Farmer's Day involving 70 nos. of farmers/farm women and one leaflet (500 nos.) was made on "Stunted fingerling production technique".
10	Minor carps & other minor fish species should also be included in mixed carp culture for achieving additional income per unit area	04 nos. of trainings as well as 02 nos. of awareness programmes involving 80 nos. of farmers were conducted. One leaflet on "Diversified fish culture & its management" was published & distributed during last year.
11	KVK to organize trainings on Bio-floc management & ornamental fish farming	02 nos. of trainings related to these technologies were conducted involving 40 nos. of F/FWs & a Bio-floc demonstration unit is being successfully maintained in KVK.
12	KVK to prepare and submit a project for sanctioning fund to develop the campus	A project amounting to Rs. 63.0 L. was submitted to DMFT, Angul & sanctioned by Respected Collector & DM, Angul. Five various works including Land Development, Farm yard, AV aid installation in conference hall, Poly-house (24 x 12 mt size) & a bridge over the natural water stream to approach the distant end of the farm.
13	Documentations of success stories and videos of successful farmers should be done and uploaded in social media	A total of 04 numbers of success stories of F/FW in the domains of "Vegetable & Mushroom farming and IFS" were done & 01 video documentation on floriculture was made and will be uploaded in the official YouTube channel of the KVK, Angul.

AGENDA-III

ACHIEVEMENTS OF 2023-24 AND ACTION PLAN OF 2024-25

The Senior Scientist & Head presented the detailed achievements as per action plan for the year 2022-23 (*Rabi*) and 2023-24 (*Kharif & Rabi*).

Achievements made by KVK, Angul during *Rabi*, 2022-23

KVK has conducted 04 nos. of OFTs, 01 no. of CFLD during *Rabi*, i.e., 10 ha of Groundnut under oilseeds. Also 06 nos. of FLDs on other crops / enterprises were conducted in covering major thrust areas of the district like INM, IPDM, feed management, income generation activities, mushroom production, Fish & pond management.

Achievements during 2023 (*Kharif*)

KVK has conducted 4 nos. of OFTs, 02 nos. of CFLDs on Groundnut (10 ha), Sesame (30 ha) under oilseeds, 1 no. of CFLD on Arhar (30 ha) under pulses and 09 nos. of FLDs on other crops / enterprises covering major thrust areas of the district like INM, IPDM, feed management, income generation activities, mushroom production, value addition, Fish & pond management.

Trainings

KVK has conducted 29 nos. of training programmes involving 725 nos. of farmers / farmwomen, 10 nos. of trainings for 125 nos. of rural youths and 05 nos. of trainings for 75 nos. of In-service personnel during *Rabi*, 2022-23 on various aspects of agriculture and allied disciplines. Similarly, during *Kharif*, 2023, a total of 26 nos. of training programmes for 650 nos. of farmers / farmwomen, 06 nos. of training for 90 nos. of rural youths and 03 nos. of trainings for 45 nos. of In-service personnel were conducted.

Extension activities

KVK has conducted Extension activities like Akshya Tiritiya, Vanamahotsav, World food day, World Soil Day, Women in Agriculture Day, Mahila Kisan Diwas, Farmers' Fair, Vigilance awareness week, National unity day, Exhibitions, Field Days, SHGs Convention Meet, Method Demonstrations, Film Shows, PM flagship Scheme, Vikshit Bharat Sankalp Yatra, Parthenium awareness week etc. Publications like Newsletters, Booklets, Leaflets, Research papers and Research notes were prepared. Sixty nos. of KMA messages have been delivered to 70,616 nos. of farmers during the reporting period. In distance education, 30 nos. of farmers & farmwomen were enrolled through KVK, Angul covering Rice production, cash crop cultivation, horticultural crop cultivation, mushroom production & cattle rearing subjects.

Instructional Farm

Quality planting materials in the form of 69,374 nos. Vegetable seedlings, 4,452 nos. of Mushroom spawn bottles (both Paddy straw & Oyster mushroom), 67 kg of Mushroom, 41.5 qtl of Vermicompost, 44 kg of Azolla, 4,268 nos. of Poultry chicks with 790 eggs, 32 kg Honey and 88,000 nos. of IMC advanced fingerlings were produced in the Instructional Farm.

Ongoing programme for Rabi, 2023-24

During Rabi, 2023-24 four (04) nos. of OFTs, 08 nos. of FLDs are being conducted. Also 12 nos. of F/FW, 04 nos. of Rural Youth, 03 nos. of In-service trainings are being conducted.

Action Plan for 2024-25

During 2024-25, 10 nos. of OFTs, 17 nos. of FLDs were proposed to be conducted along with 60 nos. of training for F/FW, 10 nos. for Rural Youth, 05 nos. of In-service trainings and 04 nos. of vocational trainings.

Release of Publication

The Chairman and other dignitaries released the KVK newsletter “Krusha Taranga” and 01 no of booklet (Mushroom cultivation) & 1 no of leaflet on this occasion.

AGENDA-IV

The house suggested the following points :

- Maintenance of KVK campus and all the demo units for showcasing various technologies to the visiting farmers. The KVK must have at least 16 visible demo units inside the campus.
- Strengthening of FPOs by imparting enterprise-based skill trainings.
- Organizing trainings on bee-keeping practices, rose/other flower cultivation in the next year.
- Some groups should be trained on Hi- tech farming technologies who will be acting as master trainers in the district.
- The KVK should organize year round skill training programme on Biofloc at KVK.
- KVK to include all the components of IPM modules strictly in all trials.
- Popularization of NRRI developed light traps and other insect traps as eco-friendly plant protection measures for major crops.
- Work should be directed towards optimum utilization of the interspaces available in the fruit orchards for additional income.
- Appointment of scientists in Horticulture & Soil science discipline are needed for taking of various interventions of those disciplines in the district.

Remarks by the Principal Scientist, ATARI

- A target of 50,000 farmers on Kisan Sarathi portal should be accomplished.
- Promotion of Biofloc technology should be done after prior discussion with experts from CIFA for feasibility in the district.
- In case of poultry feed related trials proximate analysis of feed samples should be done.
- Advised to collaborate with regional research centres for any KVK research work.
- Reasonable sample size of respondents should be taken in case of studies related to FPOs.
- Publication of OFT work in high rated journals should be done.
- Outsourcing of funds along with project formulation on capacity building should be done.

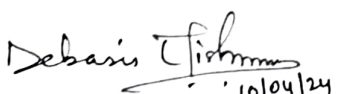
Special Remarks by the Chairman

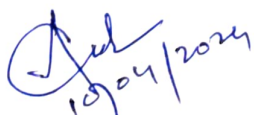
- Co-operation between scientists should be maintained.
- Quality research publications should be done.
- All the demo units should be in presentable form round the year.
- Different project proposals may be prepared & submitted for outsourcing of fund.


The Chairman thanked all the members for their active participation and valuable suggestions. He further expressed his satisfaction and requested for their active cooperation for proper functioning & strengthening of the KVK activities.

AGENDA-V: Salient recommendations of SAC members

- ❖ KVKs must have at least 16 visible demo units in presentable form inside the campus
- ❖ Enterprise-based skill trainings for FPOs should taken up.
- ❖ Optimum utilization of the interspaces available in the fruit orchards for getting additional income.
- ❖ Millet cafeteria should be maintained in KVK campus throughout the year & value addition in millets to be popularized by adopting different extension mechanisms.
- ❖ Quality research publications should be done.
- ❖ Outsourcing of fund & innovative project formulation should be emphasized.
- ❖ Quality fingerling production of IMC and other minor fish species with year round training on Biofloc should be done.
- ❖ All the components of IPM modules should be strictly followed in all trials.

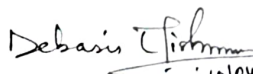

10/04/24
**Senior Scientist & Head
KVK, Angul**


10/04/2024
**JDE (DE & Monitoring)
O/o-DEE, OUAT, BBSR**

Approved.

10/4/24
**Dean Extension Education
OUAT, Bhubaneswar**

ANNEXURE-I**MEMBERS PRESENT ON 20TH SAC MEETING OF KVK, ANGUL**

Sl. No.	Name	Designation	Status	Mode of joining
1	Prof. Prasannajit Mishra	DEE, OUAT, Bhubaneswar	Chairman	Online
2	Dr. Amaresh Khuntia	JDE, DEE, OUAT, Bhubaneswar	Co-Chairman	Physical
3	Dr. Avijit Halder	PS, ICAR-ATARI, Kolkata, Zone-V	Member	Online
4	Dr. B.C. Dhir	ADR, RRTTS, Mahisapat, Dhenkanal	Member	Online
5	Dr. S. Das Mohapatra	Principal Scientist, NRRI, Cuttack	Member	Online
6	Sri Malay Kumar Parida	CDAO, Angul	Member	Physical
7	Sri Manoranjan Panda	ADH, Angul (Representative of DDH, Angul)	Member	Physical
8	Sri Damodar Panigrahi	Project Director, Watershed, Angul	Member	Physical
9	Sri Kunwar Marandi	DDF (AZ), Angul	Member	Physical
10	Sri Choudhury Deepak Mishra	LDM, Angul	Member	Physical
11	Sri Priyabrata Sahu	Sr. Manager, O/O LDM, Angul	Member	Physical
12	Sri Basant Kumar Rath	S.E., Minor Irrigation, Angul	Member	Physical
13	Sri Ghasiram Patra	ADO, Angul	Member	Physical
14	Sri Bishnu Prasad Kar	ADO, Athmallik	Member	Physical
15	Sri Manoj Kumar Behera	Project Manager, FES	Member	Physical
16	Sri Himanshu Sekhar Sahu	IPO, DIC, Angul	Member	Physical
17	Sri Rudra Pratap Subudhi	Executive, JSPF, Angul	Member	Physical
18	Mrs. Dharitri Patra	Scientist (Home Science)	Member	Physical
19	Dr. Tiryak Kumar Samant	Scientist, Agronomy, KVK, Angul	Member	Physical
20	Mrs. Sonitarani Sethy	SMS (Agri. Extension), KVK, Angul	Member	Physical
21	Dr. Monalisa Behera	Scientist, Animal Science, KVK, Angul	Member	Physical
22	Mrs. Rashmiprabha Mishra	PA (Fishery Science)	Member	Physical
23	Dr. Tamalika Sarangi	Farm Manager, KVK, Angul	Member	Physical
24	Mr. Biswajit Pradhan	PA (Computers)	Member	Physical
25	Ms. Rutuparna Paikray	SMS, Agromet (DAMU), KVK, Angul	Member	Physical
26	Mrs. Sairendri Behera	Progressive Farm Women	Member	Physical
27	Mrs. Lipi Sahu	Progressive Farm Women	Member	Physical
28	Mr. Lalmohan Singh	Progressive Farmer	Member	Physical
29	Mr. Abhaya Kumar Sahu	Progressive Farmer	Member	Physical
30	Smt. Pravati Ram	ADA, Angul	Spl. Invitee	Physical
31	Dr. Bimalendu Mohanty	Sr. Scientist & Head, KVK, Dhenkanal	Spl. Invitee	Physical
32	Dr. Dibya Sundar Kar	Scientist & Head, KVK, Dhenkanal	Spl. Invitee	Physical
33	Mrs. Pravati Ram	DPD-ATMA, Angul	Spl. Invitee	Physical
34	Dr. Debasis Mishra	Sr. Scientist & Head, KVK, Angul	Member Convener	Physical


 10/04/24
Senior Scientist & Head
KVK, Angul