

## Proceeding of 10<sup>th</sup> Scientific Advisory Committee (SAC) Meeting of KVK, Sundargarh-II, Rourkela

The 10<sup>th</sup> Scientific Advisory Committee (SAC) Meeting of KVK, Sundargarh-II, Rourkela was organized by KVK, Sundargarh-II under Chairmanship of Prof. Dr. P.J. Mishra, Dean Extension, Directorate of Extension Education, OUAT, Bhubaneswar at 11.00 AM. on 09.02.2022 in the Conference Hall of ADO, Panposh, Rourkela. Dr. K.S. Das, Principal Scientist, ICAR-ATARI, Kolkata also graced the occasion. The Senior Scientist & Head, KVK, Sundargarh-II, Dr. Manasi Bhol welcomed the dignitaries presented on the occasion followed by lighting of lamp. This meeting was conducted in hybrid mode.

### AGENDA-1- Approval of the proceeding of the 9<sup>th</sup> SAC meeting.

The Senior Scientist & Head briefly presented the recommendations and suggestions of the 10<sup>th</sup> SAC meeting. The Chairman took the consent of the members and approved the proceedings

### AGENDA-2- Action taken on the proceedings of the last SAC meeting

The Senior Scientist & Head presented the following actions taken by KVK as per the recommendation of the last meeting.

Salient Recommendations	Action taken
Enhancing Area, Productivity and Value addition of millets	<ul style="list-style-type: none"> <li>➤ KVK provided <b>10Q of Ragi</b> seeds var. <b>Arjun</b> which was supplied to <b>Millet Mission</b> through <b>CDAO, Sundargarh</b> resulting in horizontal expansion of <b>250 acres</b> of Ragi area in the district thereby boosting the tribal economy.</li> <li>➤ KVK conducted <b>FLD</b> on “<b>INM in Ragi</b>” which would further build the trust of farmers on cultivation Ragi as a profitable crop getting an average yield of <b>6 q/ha.</b> in demonstration plot.</li> <li>➤ KVK also conducted <b>Training Programme for 15 numbers of Rural youths on value addition in Ragi</b> to prepare Ragi based food products which could yield more profit.</li> </ul>
More emphasis on training of WSHGs for Mushroom & Nutritional Garden	<ul style="list-style-type: none"> <li>➤ KVK has given lot of attention to upgrade the knowledge and skill of <b>WSHG</b> on <b>Mushroom cultivation</b> and <b>Nutritional Garden</b>. Both are targeted to home consumption, nutritional security and sale of surplus for gaining profit.</li> <li>➤ <b>2</b> numbers of <b>FLD</b> have been conducted both in <b>Mushroom &amp; Nutritional Garden</b> in village <b>Guduguda, Ranto &amp; Nuniapali</b> of block <b>Nuagaon, Lathikata &amp; Gurundia</b> involving <b>20 numbers of farmwomen</b>.</li> <li>➤ <b>04</b> numbers of <b>trainings</b> in <b>04 villages</b> were conducted in <b>Gurundia, Lathikata</b> and <b>Bisra</b> blocks of the district in <b>Mushroom</b> and <b>05</b> numbers of <b>training</b> were conducted in <b>05 villages</b> in <b>Lathikata, Kuarmunda, Bisra, Gurundia, Nuagaon</b> block on <b>Nutritional Garden</b>. Critical inputs and skill was provided to all the beneficiaries.</li> </ul>
Introduction of bio fortified crops in the	<ul style="list-style-type: none"> <li>➤ <b>Bio fortified Sweet potato</b> viz, <b>Bhu sona</b> and <b>Bhu Krishna</b> was demonstrated in village “<b>Pandua</b>” in <b>Nuagaon</b> Block.</li> </ul>

district	<ul style="list-style-type: none"> <li>➤ <b>1000 cuttings</b> of each variety were procured from <b>ICAR-CTCRI</b>, Bhubaneswar center and introduced to 05 farmers initially.who have successfully cultivate the bio fortified crop and they are expected to supply the planting material to near by villages in the next season.</li> </ul>
Improving the economy of tribal house hold through Back Yard Poultry	In order to augment the economy of tribal household demonstration of <b>Kadakhnath poultry</b> was organized in two village viz. <b>Ranto</b> in <b>lathikata</b> block, <b>Nuniapalli</b> in <b>Gurundia</b> block in which KVK provided <b>400 chicks</b> to <b>50 households</b> . It was observed that there was <b>3% mortality</b> and poultry birds are adopted to the local conditions.
Popularizing Kharif Onion & Kharif Potato in the district	<ul style="list-style-type: none"> <li>➤ KVK organized <b>OFT</b> on <b>Kharif Onion</b> with <b>2 varieties L-883</b> and <b>Agri Found Dark Red</b> in <b>03 villages</b> in <b>Nuagon</b> and <b>Lathikata</b> blocks.</li> <li>➤ Satisfactory results having observed, all <b>13 farmers</b> involved in the programme have given positive feedback on performance both the onion varieties.</li> <li>➤ As regards to <b>kharif potato</b>, KVK has conducted <b>02 numbers of training</b> programmes in jointly in collaboration line <b>Horticulture Department</b> involving <b>100 farmers</b> in <b>bareiguda</b> village in <b>Nuagon</b> block and <b>Santoshpur</b> village in <b>Bisra</b> block.</li> <li>➤ <b>08 numbers of joint field visits</b> have been conducted to monitor the <b>kharif potato programme</b>.</li> </ul>
Intercropping in mango orchards for getting more returns	<ul style="list-style-type: none"> <li>➤ In the <b>Mango orchards</b> developed by <b>Watershed Dept.</b> in <b>Karmabahal</b> village of <b>Kuarmunda</b> block, <b>Intercropping</b> of different <b>vegetables</b> like <b>cowpea, cabbage, cauliflower, Tomato and brinjal</b> was successfully experimented and very good response was received from the beneficiaries.</li> <li>➤ <b>02 numbers of training</b> was conducted by KVK with support of <b>Watershed department</b> involving 50 beneficiaries</li> <li>➤ KVK supplied cowpea and Tomato seeds to the beneficiaries under convergence mode</li> </ul>
Promoting Organic Farming and Vermicomposting	<ul style="list-style-type: none"> <li>➤ KVK in collaboration with <b>NIT, Rourkela</b> and <b>SAIL, RSP</b> conducted <b>02 numbers of training programme</b> for <b>50 participants</b> for promoting <b>organic farming</b> in the area.</li> <li>➤ KVK has taken up <b>FLD</b> on <b>Vermicomposting</b> using <b>Mushroom substrates waste</b> in <b>03 villages</b> in <b>two blocks</b> involving <b>10 beneficiaries</b> out of which 02 beneficiaries have started producing vermicompost in commercial basis.</li> </ul>
Promotion of Guava, Apple Ber, Bael and Jack fruit	<ul style="list-style-type: none"> <li>➤ In order to promote fruit crops, <b>KVK</b> conducted <b>01 training</b> on <b>Guava</b> in <b>Ghodabandh</b> village of <b>Nuagon</b> block for <b>25 farmers</b>.</li> <li>➤ <b>Mr.Victor Bodra</b> a progressive farmers has started a <b>Guava orchard</b> with <b>50 plants</b>.</li> <li>➤ <b>KVK</b> has prepared an estimate to <b>set up a mother orchard</b> of <b>Guava</b> by line <b>Horticulture Dept.</b></li> <li>➤ <b>KVK</b> is in touch with <b>ICAR-CHES</b>, Bhubaneswar to get <b>Apple Ber</b> plants to introduce it in the district very soon.</li> <li>➤ <b>KVK</b> has taken up <b>FLD Value Addition of Jackfruit</b> where <b>10 numbers of farm women</b> of <b>Khatankudar</b> village of <b>Bisra</b> block have participated and Jack fruit propagation through seed has also popularized.</li> </ul>
Promotion of papaya in large scale	<ul style="list-style-type: none"> <li>➤ KVK has conducted <b>FLD</b> on <b>Papaya</b> var. <b>Arka Prabhat</b> in <b>03 village</b> covering <b>10 farmers</b>.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ <b>01 number</b> of Training has been imparted and <b>Papaya seedlings</b> have been provided to farmers to set up their own units from KVK, Sundargarh-II</li> </ul>
Promotion of stress tolerant crops	<ul style="list-style-type: none"> <li>➤ <b>Stress tolerant short duration</b> paddy <b>Sahabhagi dhan</b> have been conducted under <b>FLD in DFI</b> targeted village along with <b>FLD on BPH tolerant rice variety</b> Hasant to Boost up the efforts to promote stress tolerant crops</li> <li>➤ <b>Triple resistant tomato</b> variety <b>Arka Rakshyak</b> also demonstrated in <b>3 villages of 2 blocks</b>.</li> </ul>
Conducting sponsored and collaborative training	<ul style="list-style-type: none"> <li>➤ In <b>collaboration of PCRA workshop on Energy Conservation in Agriculture sector</b> was organize by <b>KVK</b>. <b>04 numbers</b> of such programme have already been conducted involving <b>120 participants</b> sponsored by <b>PCRA</b>.</li> <li>➤ <b>12 week certificate course</b> for <b>pesticide dealers training</b> is being organized by KVK in <b>collaboration with NIHPM</b>, Hyderabad involving <b>40 dealers</b> of KVK operational areas.</li> </ul>
Support All India Radio, Kisan Vani Programme	<b>06 numbers of Radio talks</b> have been delivered in <b>Kisan Vani</b> programme of Prasar Bharati (All India Radio) and more number of such programme are in pipe line for broadcasting in coming months
Stress on Joint filed visit and inter departmental coordination	<ul style="list-style-type: none"> <li>➤ Regular <b>RE linkage meeting</b> is being organized on monthly basis <b>15 joint field visits</b> have been conducted in <b>Agriculture, Horticulture, Watershed</b> areas to monitor different programme and give guidance to the farming community.</li> <li>➤ <b>KVK</b> has <b>participated</b> in more than <b>30 numbers</b> of <b>Soil health awareness training</b> programems organized by the Agriculture departments</li> <li>➤ All <b>Special days and Field days</b> are being celebrated with due participation and cooperation of all line department and KVK.</li> <li>➤ Under interdepartmental cooperation KVK has taken up <b>seed production programme</b> at <b>Govt. Agriculture farm, Kuliposh</b> in Bonei sub division.</li> </ul>
More numbers of activities with FPOs and Technical support	<ul style="list-style-type: none"> <li>➤ KVK has given technological back stopping to the FPOs thorough <b>05 numbers training</b> programme in <b>Mushroom, Vermicomposting, Value Addition to Millets, Nutri Garden, Plant Protection</b> have been conducted for FPOs members for Bisra and Nuagaon Block.</li> <li>➤ <b>CFLD oilseed i.e. Groundnut var. Dharani</b> conducted by KVK in <b>Bisra</b> block has received FPO support to market the Groundnut which will definitely enhance the bargain power of our beneficiary farmers</li> </ul>
Installation of Bio flock to promote training enterprises	As regard Bio flock technology fish farmer wherever any interested farmers are coming to KVK we are linking them to Fishery Department and also one progressive farmer <b>Gobinda Nayak</b> of Nuapalli village of Jakeikela panchayat of <b>Bonei block</b> has successfully installed bio flock and set an example of self employment through fish farming.

### AGENDA-3 – Achievement made by the KVK.

The Sr. Scientist & Head, KVK, Sundargarh-II appraised the house through a PowerPoint presentation on achievement of KVK on mandatory activities.

Sl. No.	Activity	Target	Achievement
1.	OFT	9	9
2.	FLD	17	17
3.	CFLD (Pulses)	1	1
4.	CFLD (Oilseeds)	1	1
5.	TSP	6	6
6.	Training	63	54
7.	F/Fw	50	42
8.	RY	8	7
9.	Inservice	5	4
10.	Sponsored training	4	4

### AGENDA-4 – Presentation of Action plan for 2022-23

The Senior Scientist & Head presented the activity to be conducted by KVK during last quarter of 2022 in the disciplines of Horticulture, Plant Protection, Women in Agriculture and Seed Science based on the PRA survey, secondary data, and discussion with line department staffs, suggestions from SAC meeting and analyzing the recent research findings.

- Ten numbers of On Farm Trials are to be conducted involving 56 number of participants
  - ❖ Assessment of herbicidal weed management in *transplanted rice*.
  - ❖ Assessment of Integrated Nutrient Management in Groundnut
  - ❖ Assessment of different sweet potato varieties in Sundargarh Agro Ecological Situation. (*Kharif*)
  - ❖ Assessment of different planting time of potato
  - ❖ Assessment of leafminer management in cowpea
  - ❖ Assessment of leaf curl management in papaya
  - ❖ Assessment of different planting time for better market price of cauliflower
  - ❖ Assessment of humidity management in summer in paddy straw mushroom production
  - ❖ Assessment of different feed regime for milk production in dairy cow
  - ❖ Assessment of different improved poultry breed for backyard production system
- Eighteen numbers of Front Line Demonstrations are to be conducted involving 160 number of participants
  - ❖ Demonstration of SRI method of transplanting in finger millet along with INM practices
  - ❖ Demonstration of micro nutrient (B & Zn) application in Maize
  - ❖ Demonstration of INM in mustard
  - ❖ Demonstration of herbicidal weed management in groundnut
  - ❖ Demonstration of INM practices in *Kharif* Bittergourd
  - ❖ Demonstration of herbicide metribuzine in tomato.
  - ❖ Demonstration of cowpea variety Kashi Nidhi.
  - ❖ Demonstration of mulching in Mango
  - ❖ Demonstration on management of BLB in rice
  - ❖ Demonstration on Integrated management of mango hopper
  - ❖ Demonstration on Integrated management of head bore in cabbage

- ❖ Demonstration on Integrated management of pod borer in Arhar
- ❖ Demonstration on ragi thresher for drudgery reduction of farm women
- ❖ Demonstration on Nutritional gardening
- ❖ Demonstration on rearing of backyard poultry of Kadaknath breed
- ❖ Demonstration on preparation of value added products from oyster mushroom
- ❖ Demonstration of preparation of vermicompost from spent mushroom substrate
- ❖ Demonstration of management of inkcap in paddy straw mushroom
- Three number of Cluster Front Line Demonstrations on Pulses & two number of Cluster Frontline Demonstration on Oilseed to be conducted involving 100 numbers of beneficiaries.
  - ❖ CFLD on Black gram
  - ❖ CFLD on Field pea
  - ❖ CFLD on Groundnut
- Three number of Tribal Sub-plan programmes are to be conducted involving 150 number of beneficiaries
  - ❖ Demonstration on Hybrid Maze var. Kaling raj
  - ❖ Demonstration on Poultry breed Kadaknath
  - ❖ Demonstration of Garden pea var. KSP - 110
- Ninety two numbers of trainings including farmers and farm women, rural youth, extension personnel and vocational trainings are to be conducted involving 2040 numbers of participants.

**AGENDA-5: All the members actively participated in the discussion and gave valuable suggestion.**

The chairman invited suggestion from esteemed member and following recommendation were recorded.

- Dr. K.S. Das, Principal Scientist from ICAR-ATARI, Kolkata participated online, he asked the KVK to make a success story on Kharif Onion, he also suggested to take up a programme on Kharif Potato, Varietal trial Ragi, Mushroom and conduct trial on different date of sowing and different variety of same crop and study the marketability. He also advised the KVK to maintain KVK portal with latest information.
- Joint Director (Information) Dr. M.P. Nayak suggested to focus on the following fruit crops in the KVK operational areas since the crops like Guava, Custard Apple, Apple Ber have immense potential in the zone, Organise training programme on Bio floc with support from Fishery Dept. and potential entrepreneurs. He also suggested to upscale the nutritional garden concept with collaboration of Horticulture dept. He advised to finalise action plan of KVK basing on the proceedings of R.E. Linkage meeting as per the requirement of the district. He also told KVK to support Honey Bee from TSP, Collect feedback of Kalinga Raj, more activities on Post harvest management.
- Mr. Rama Chandra Nayak, CDAO told the house regarding potential and scope of bio fortified rice, wheat, little millet, organic millet and rajma which should be given priority in this district. He also asked about performance of hybrid maize Kalinga Raj which is a OUAT released variety. He expressed his concern for weeds in major crops and suggested KVK to focus on the issue.
- Sri Religious Beck, ADO, Panposh, suggested to include tuber crops in action plan since tribal farmers have affinity for those crops. He also opined to focus non paddy crops in the uplands.

Pulses, millets and oilseeds should be focus crops and given priority in KVK action plan. He also requested KVK to start minor millet demonstration/ trial in the area. He requested OUAT authorities to conduct trial of OUAT released Arhar variety in the area. Broadly he stressed upon crop diversification to augment the farmers income from rainfed uplands of the district. He suggested to give importance for management of frequently occurring pest and disease in the district eg. Like panicle mite, leaf miner etc.

- Shri Ramesh Patnaik, Agri entrepreneur stressed upon the need of Fogger in mushroom cultivation. Sri Victor Bodra, progressive farmer requested KVK to give him a demonstration on Apple Ber, Sri Pabitra Mohan Sahoo a fishery entrepreneur from Bonei highlighted success of bio flock and potential of Pisciculture.
- Sri Dusmanta Behera, ADH, Panposh stressed upon the need of more number of training programme on high value and off season crop. He also suggested to assess different variety of potato.
- Dr. Madhusudan Sahoo, SDVO, Panposh suggested field demonstration of cattle feed formulation is an important area for Animal Husbandry intervention. He also stressed upon the need to give priority and focus on goatery and backyard poultry to strengthen the tribal economy.
- Mr. Mansing Soren, DDH, Sundargarh informed about the Agriculture Production Cluster of this district and asked KVK to help them in organising more trainings. He also suggested to take demand driven crops for small holder farmers.
- DDM, NABARD informed the house regarding FPOs activities in the district. He requested KVK to extend technical support to FPOs especially in Nuagaon and Bisra block.
- Divisional Forest Officer, Rourkela suggested to create awareness programme on checking stubble burning.
- Asst. Fishery Officer requested the house to create more awareness about bio flock among the farming community.
- Sri Arun Ku. Behera, DPD ATMA appreciated the cooperation of KVK in Fall Army Worm management in the district and requested for more member of awareness programmes on Fall Army Worm and other pest attack. He also expressed his concern for frequent occurrence of Bacterial leaf blight (BLB).
- P.D. Watershed, Sundargarh, Sri Haribandhu Seth stressed upon the need of value addition of jack fruit and tamarind. He also requested KVK to give technical support for intercropping in Mango orchards in Watersheds areas. He appreciated the R.E. Linkage meeting, joint field visits and conduct of extension activities with joint participation.
- Sri Tulanath Banekhar, Addl. Dist. Coordinator, Odisha Millet Mission told the need of value addition of Ragi and potential of millets in Sundargarh district. He also requested to give focus on minor millets.
- Sri Dilip Mohanty, Adm. Officer, DISHA NGO, Rourkela suggested to try summer cultivation of millets and conduct training in specific pockets.
- Sr. Scientist & Head, KVK, Sundargarh-I Dr. L.P. Pradhan suggested for promotion of black rice in the district due to growing demand. She also stressed upon thrust to horticulture crops because of immense potential in the district.
- Dr. G.C. Acharya, Director, ICAR-CHES, Bhubaneswar gave his valuable suggestion to take field trials to control alternate bearing in mango at least for 3 seasons. He also told KVK to promote bio fortified varieties of sweet potato, he also suggested to promote floriculture on large scale because of the consumer demand for flowers in growing every day. He also assured KVK

of all support regarding technical information and supply of planting materials from ICAR-CHES.

- All India Radio correspondent Sri Binay Kullu requested KVK to give information on success of OFTs/ FLDs to be broadcast to aware farming community. He also thanked KVK scientist for support AIR for Radio talks on different topics and expected more number of radio talks appropriate to sustainably and farmers expectations.
- Chairman Prof. P.J Mishra, Dean, Extension Education in his remark suggested to work upon Crop diversification, Weed, Pest and disease management. He also told about more programmes under TSP and create assets for the tribal beneficiaries.

### **Summing up by the Chairman**

- Crop diversification in uplands with non-paddy crops.
- Weed management in major crops of the district.
- Management of frequent occurring of pests and diseases in the district.
- More number activities in Watershed areas.
- Technical support to FPOs.
- To promote Natural farming and organic farming.
- Asset creation for TSP beneficiaries.
- Scaling up of nutritional garden in tribal households with installation of supporting structures such as shade net and poly tunnel.
- To promote bio fortified crops.
- To focus on value addition of fruits and vegetables.
- Expand the mushroom enterprise with round the year production.
- Promote backyard poultry and honey bee.
- Conduct trials/ demonstrations using varieties released by public extension system.
- Use of ICT in KVK monitoring activities.
- Convergence with line departments and other stake holders.

The meeting ended with vote of thanks by Mrs. B.L. Sahu, Scientist (Home Science) KVK, Sundargarh-II, Rourkela.

*Manaji Bhol*  
*30/11/2022*

**Sr. Scientist & Head  
KVK, Sundargarh-II**

### List of Members Present:

1. Prof. Dr. P.J.Mishra, Dean Extension Education Directorate of Extension Education, OUAT, Bhubaneswar	-Chairman
2. Dr. K.S. Das, Principle Scientist, ATARI , Kolkata	-Member
3. Sri Ram Chandra Nayak, CDAO, Sundargarh	-Member
4. Dr. G.C. Acharya, Director, CHES, Bhubaneswar	-Member
5. Sri Religious Beck, ADO, Panposh	-Invitee
6. Sri Arun Ku. Behera, ADA, Soil Chemist/ DPD, ATMA, Sundargarh	-Member
7. Dr. Madhusudan Sahoo, SDVO, Panposh	-Member
8. Sri Mansing Soren, Deputy Director of Horticulture, Sundargarh	-Member
9. Mrs. Seema Sree Chowdhury, AAE, Soil Conservation, Panposh	-Member
10. Dr. Arun Ku. Mishra, RCCF, Rourkela	-Member
11. Sri Dilip Mohanty, Adm. Officer, DISHA NGO, Rourkela	-Member
12. Sri Arabinda Majhi, Dist. Coordinator, WASSAN NGO	-Member
13. Sri Pranamesh Kar, DPC, DMM, Sundargarh	-Member
14. Sri Dusmanta Ku. Behera, ADH, Panposh	-Invitee
15. Sri Pabitra Mohan Sahoo, BAO, Kuarmunda	-Invitee
16. Dr. Pitambar Sahoo, Addl. Dist.Vety. Office, Lathikata	-Invitee
17. Dr Laxmi Priya Pradhan, Sr, Scientist & Head, KVK, Sundargarh-I	-Invitee
18. Sri Tulanath Banekhar, Addl. Dist. Coordinator, Odisha Millet Mission	-Invitee
19. Sri Binay Kullu, Compere, AIR, Rourkela	-Member
20. Sri Birendra Pratap Singh, Compere, AIR, Rourkela	-Invitee
21. Smt. Sumita Kindo, JETA, Lathikata	-Invitee
22. Sri Victor Bodra, Farmer	-Member
23. Smt. Bilari Mundari, Farmwoman	-Member
24. Sri Gobind Ch. Naik, Farmer	-Member
25. Sri Ramesh Ch. Patnaik, Farmer	-Member
26. Sri Nath Ch. Behera, Farmer	-Invitee
27. Sri Tapas Behera, Farmer	-Invitee
28. Smt. Mickey Kerketta, Secretary, Samagra Vikas NGO	-Invitee
29. Smt. Deepti Bilung, Secretary, Samagra Vikas NGO	-Invitee
30. Smt. Serophina Kullu, Member, Samagra Vikas NGO	-Invitee
31. Smt. Susmita Bordo, Member, Samagra Vikas NGO	-Invitee
32. Smt. Magret Tirkey, President, SHG, Lungei	-Invitee
33. Smt. Sudita Tirkey, President, SHG, Lathikata	-Invitee
34. Smt. Sandhyarani Swain, Secretary, SHG, Lathikata	-Invitee
35. Smt. Radhi Mindari, SHG, Lathikata	-Invitee
36. Smt. Anusuya Satapathy, SHG, Lathikata	- Invitee
37. Sri J.K. Pati, Scientist (Ag. Extension), KVK, Sundargarh-II	- Invitee
38. Smt. B.L. Sahu, Scientist (Home Science) KVK, Sundargarh-II	- Invitee
39. Sri S.K. Pradhan, Scientist (Horticulture), KVK, Sundargarh-II	- Invitee
40. Sri Samarendra Baral, Scientist (Plant Protection), KVK, Sundargarh-II	- Invitee
41. Smt. Anubha B. Kujur, Prog. Asst. (Seed Sc.), KVK, Sundargarh-II	- Invitee
42. Sri Somadutta Mohanty, Prog. Asst. (Computer), KVK, Sundargarh-II	- Invitee
43. Dr. Manasi Bhol, Sr, Scientist & Head, KVK, Sundargarh-II	-Member Secretary