

# **ANNUAL ACTION PLAN OF KVK KEONJHAR**

**[ PERIOD – April 2013 to March, 2014 ]**



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# Contents

| Sl. No. | Particular  | Page No |
|---------|---|---------|
|         | Summary of Action Plan during 1 <sup>st</sup> April 2013 to 31 <sup>st</sup> March 2014 | 5       |
| 1       | General Information   | 7       |
| 2       | On Farm Testing   | 13      |
| 3       | Frontline Demonstrations  | 17      |
| 4       | Feedback System   | 25      |
| 5       | Training programmes   | 27      |
| 6       | Extension Activities  | 33      |
| 7       | Production and supply of Technological products   | 34      |
| 8       | Activities of Soil and Water Testing Laboratory   | 35      |
| 9       | Rainwater Harvesting System   | 35      |
| 10      | Kisan Mobile Advisory   | 36      |
| 11      | Details of SAC Meeting  | 36      |
| 12      | Literature to be Developed/Published  | 36      |
| 13      | Convergence with Agricultural Schemes   | 37      |
| 14      | Utilization of Farmer Hostel  | 37      |
| 15      | Utilization of Staff Quarter  | 38      |
| 16      | Details of KVK Agro-technological Park  | 38      |
| 17      | Farm Innovators   | 39      |
| 18      | KVK Progressive farmer interaction  | 39      |
| 19      | Outreach of KVK   | 39      |
| 20      | Technology Demonstrations under TDHPP/Tribal Sub Plan/QPM                               | 39      |
| 21      | KVK Ring  | 40      |
| 22      | Important visitors to KVK   | 40      |
| 23      | Status of KVK Website   | 40      |
| 24      | Status of RTI   | 40      |
| 25      | E-Connectivity (E- Linkage Lab)   | 41      |
| 26      | Details of Technology Week Celebrations   | 41      |
| 27      | Interventions on Drought Mitigation   | 42      |
| 28      | Activities Under NICRA  | 44      |
| 29      | Activities under NAIP   | 45      |
| 30      | Status of Revolving Funds   | 45      |
| 31      | Awards & Recognitions   | 45      |
| 32      | Case study / Success Story  | 45      |
| 33      | Well labeled photographs of various activities in JPEG format                           | 45      |

## **Instructions for Filling the Format**

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”.**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only Standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format mentioning “Additional Information”**
- 9. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**

## **Note for Annual Action Plan 2013-14**

1) Kindly fill up only targeted/ proposed information for Annual Action Plan- from 1<sup>st</sup> April, 2013 to 31<sup>st</sup> March 2014 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.

2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

## PERIOD – April 2013 to March, 2014

### Summary of the activities

| KVK Name | Activity  | Target                       |                              | Achievement        |                              | Total value of resource generated/Fund received from diff. sources (Rs.) |
|----------|---|------------------------------|------------------------------|--------------------|------------------------------|--|
|          |   | Number of activity           | No. of farmers/beneficiaries | Number of activity | No. of farmers/beneficiaries |  |
| Keonjhar | OFTs  | 24                           | 312                          |                    |                              |  |
| Keonjhar | FLDs – Oilseeds (activity in ha)  | 10                           | 30                           |                    |                              |  |
| Keonjhar | FLDs – Pulses (activity in ha)  | 10                           | 30                           |                    |                              |  |
| Keonjhar | FLDs – Cotton (activity in ha)  | -                            | -                            |                    |                              |  |
| Keonjhar | FLDs – Other than Oilseed and pulse crops (activity in ha)                          | 28ha<br>(24 nos)             | 120                          |                    |                              |  |
| Keonjhar | FLDs – Other than Crops (activity in no. of Unit/Enterprise)                        | 8                            | 40                           |                    |                              |  |
| Keonjhar | Training-Farmers and farm women   | 71                           | 1775                         |                    |                              |  |
| Keonjhar | Training-Rural youths   | 6 +<br>VT- 5                 | 60+25                        |                    |                              |  |
| Keonjhar | Training- Extension functionaries   | 5                            | 50                           |                    |                              |  |
| Keonjhar | Extension Activities  | 826                          | -                            |                    |                              |  |
| Keonjhar | Seed Production (Number of activity as seeds in quintal)                            | 67Q                          | 410                          |                    |                              |  |
| Keonjhar | Planting material ((Number of activity as quantity of planting material in quintal) | 5000                         | -                            |                    |                              |  |
| Keonjhar | Seedling Production (Number of activity as number of seedlings in numbers)          | 1,22,000<br>nos              | 400                          |                    |                              |  |
| Keonjhar | Sapling Production (Number of activity as number of sapling in numbers)             | -                            | -                            |                    |                              |  |
| Keonjhar | Other Bio- products (No. of quantity) <b>Mushroom spawn/ vermicompost/vermin</b>    | 20,000<br>nos./<br>100Q/50kg | 2000                         |                    |                              |  |
| Keonjhar | Live stock products (fish fingerlings/ducklings/chicks)                             | 1000 nos                     | 50                           |                    |                              |  |
| Keonjhar | Activities of Soil and Water Testing Laboratory                                     | 500 nos                      | 250                          |                    |                              |  |
| Keonjhar | Rainwater Harvesting System   |                              |                              |                    |                              |  |
| Keonjhar | Kisan Mobile Advisory (KVK-KMA)   | 200                          | 1500                         |                    |                              |  |

| KVK Name | Activity   | Target             |                              | Achievement        |                              | Total value of resource generated/Fund received from diff. sources (Rs.) |
|----------|--|--------------------|------------------------------|--------------------|------------------------------|--|
|          |  | Number of activity | No. of farmers/beneficiaries | Number of activity | No. of farmers/beneficiaries |  |
| Keonjhar | SAC Meeting (Date & no. of core/ official members)               | 1                  | 30                           |                    |                              |  |
| Keonjhar | Literature to be Developed/Published                             | 15                 |                              |                    |                              |  |
| Keonjhar | Convergence programmes / Sponsored programmes                    | 2 nos              | 100                          |                    |                              |  |
| Keonjhar | Utilization of Farmers Hostel                                    | -                  |                              |                    |                              |  |
| Keonjhar | Utilization of Staff Quarters                                    | 2 no               |                              |                    |                              |  |
| Keonjhar | Details of KVK Agro-technological Park                           | -                  |                              |                    |                              |  |
| Keonjhar | Crop Cafeteria-  | -                  |                              |                    |                              |  |
| Keonjhar | Farm Innovators- list of 10 farm innovators from the District    | 2                  | 2                            |                    |                              |  |
| Keonjhar | Status of Revolving Funds  |                    |                              |                    |                              |  |
| Keonjhar | Awards and Recognitions  | -                  | -                            |                    |                              |  |
| Keonjhar | Case study / Success Story to be developed                       | 4                  | 4                            |                    |                              |  |
| Keonjhar | KVK Progressive Farmers interaction                              | 4                  | 100                          |                    |                              |  |
| Keonjhar | Outreach of KVK in the District (No. of blocks, no. of villages) | 13                 | 240                          |                    |                              |  |
| Keonjhar | Technology Demonstration under Tribal Sub Plan                   | 1                  | 15                           |                    |                              |  |
| Keonjhar | KVK Ring   | 3                  |                              |                    |                              |  |
| Keonjhar | Important visitors to KVK  | 5                  |                              |                    |                              |  |
| Keonjhar | Status of KVK Website  | 1                  |                              |                    |                              |  |
| Keonjhar | Status of RTI  | -                  |                              |                    |                              |  |
| Keonjhar | E-connectivity   | -                  |                              |                    |                              |  |
| Keonjhar | Details of Technology Week Celebrations                          | 7                  | 280                          |                    |                              |  |
| Keonjhar | Interventions on Drought Mitigation                              | -                  | -                            |                    |                              |  |
| Keonjhar | Proposal of NAIP   | -                  | -                            |                    |                              |  |
| Keonjhar | Proposal of NICRA  | -                  | -                            |                    |                              |  |
| Keonjhar | Well labeled photographs   | -                  | -                            |                    |                              |  |
| Keonjhar | Other Activities   | -                  | -                            |                    |                              |  |

# 1. GENERAL INFORMATION

## 1.1. Staff Position (as on date)

| Name of KVK. | Sanctioned post             | Name of the incumbent     | Discipline       | Highest degree       | Subject of Specialization | Pay Scale (Rs.)          | Present basic (Rs.) | Date of joining | Permanent /Temporary | Category (SC/ST/OBC/Others) |
|--------------|-----------------------------|---------------------------|------------------|----------------------|---------------------------|--------------------------|---------------------|-----------------|----------------------|-----------------------------|
| Keonjhar     | Programme Coordinator       | Dr. Sunil Kumar Mohapatra | Horticulture     | M.Sc (Ag)            | Vegetable Production      | 15,600-39,100+8000 (AGP) | 15600               | 31.08.2012      | Permanent            | Others                      |
| Keonjhar     | Subject Matter Specialist1  | Mr. Biman Ranjan Behera   | Agronomy         | M.Sc (Ag)            | Agronomy                  | 15,600-39,100+6000 (AGP) | 17610               | 06.08.2012      | Permanent            | SC                          |
| Keonjhar     | Subject Matter Specialist2  | Mr. Prasanta Kumar Nanda  | Plant Protection | M.Sc (Ag)            | Entomology                | 15,600-39,100+6000 (AGP) | 19810               | 13.06.2011      | Permanent            | Others                      |
| Keonjhar     | Subject Matter Specialist3  | Mr. Jibanjit Sen          | Soil Science     | M.Sc (Ag)            | Soil Microbiology         | 15,600-39,100+6000 (AGP) | 19810               | 26.06.06        | Permanent            | Others                      |
| Keonjhar     | Subject Matter Specialist4  | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |
| Keonjhar     | Subject Matter Specialist5  | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |
| Keonjhar     | Subject Matter Specialist6  | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |
| Keonjhar     | Programme Assistant         | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |
| Keonjhar     | Farm Manager                | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |
| Keonjhar     | Computer Programmer         | Mrs. Snigdha Rani Badu    | Computer         | B.Sc (IT&M)          | Networking                | 9,300-34,800+4200(GP)    | 12550               | 12.07.2005      | Permanent            | Others                      |
| Keonjhar     | Accountant / superintendent | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |
| Keonjhar     | Stenographer                | Mr. Kamal Lochan Mohanta  |                  | B.A.                 | Arts                      | 5200-20200 2400(GP)      | 6700                | 16.07.09        | Contractual          | OBC                         |
| Keonjhar     | Driver                      | Mr. Ajay Kumar Lenka      |                  | 8 <sup>th</sup> pass |                           | 5200-20200 1900(GP)      | 5870                | 21.07.08        | Contractual          | Others                      |
| Keonjhar     | Driver                      | Mr. Anirudha Gochhayat    |                  | +2Arts               |                           | 5200-20200 1900(GP)      | 5870                | 23.07.08        | Contractual          | SC                          |
| Keonjhar     | Supporting staff            | Mr. Chitta Ranjan Dehury  |                  | 7 <sup>th</sup> pass |                           | 4440-7440 1300 (GP)      | 4990                | 29.07.08        | Contractual          | ST                          |
| Keonjhar     | Supporting staff            | Vacant                    |                  |                      |                           |                          |                     |                 |                      |                             |

## 1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

### A. Basic Information:

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Agro-climatic zone              | North Central Plateau Zone           |
| Agro-ecological situation (AES) | 7                                    |
| Total Geographical Area         | 8.31 lakh ha                         |
| Normal Rainfall                 | 1487.7mm                             |
| Irrigated area                  | 63308 ha (Kharif)<br>31897 ha (Rabi) |
| Cropping intensity              | 140                                  |
| No. of Sub-division             | 3                                    |
| No. of Blocks                   | 13                                   |
| No. of GPs                      | 186                                  |
| No. of Villages                 | 2133                                 |

### B. LAND UTILIZATION PATTERN

|                                 |             |
|---------------------------------|-------------|
| Forest Area                     | 403680 ha   |
| Cultivable Area                 | 302000 ha   |
| Cultivated Area                 | 2,97,873 ha |
| A) Upland                       | 158653 ha   |
| B) Medium Land                  | 99832 ha    |
| C) Low Land                     | 39388 ha    |
| Mis. & Tree grooves             | 6000 ha     |
| • Permanent Pasture             | 38000       |
| Culturable waste                | 24447 ha    |
| Land put to un agricultural use | 34000       |
| Barren and uncultivable land    | 27000       |



### C. DEMOGRAPHIC PROFILE OF THE DISTRICT

|                      |             |
|----------------------|-------------|
| Total Population     | 15.62 lakhs |
| • Schedule Caste     | 11.6 %      |
| • Schedule Tribe     | 44.5%       |
| • Others             | 43.9%       |
| Population Density   | 188/sq. km  |
| No. of farm families | 213444      |
| Small farmer         | 77,025      |
| Marginal farmer      | 10,3016     |
| Big farmer           | 33,403      |
| Literacy percentage  | 51%         |

### E. Major farming systems/enterprises (based on the analysis made by the KVK)

| S. No | Farming system/enterprise  |
|-------|--|
| 1     | Paddy-Mustard + Poultry  |
| 2     | Paddy-Vegetables (Tomato, Brinjal, Cole crops and cucurbits) + Sericulture             |
| 3     | Paddy-pulse (Chick pea, Green gram, Black gram, Field pea etc.) + Apiculture           |
| 4     | Vegetable (Kharif tomato, raddish, Cauliflower-Vegetables (tomato, brinjal cole crops) |
| 5     | Ground nut-fallow  |
| 6     | Paddy-Paddy + Fishery +Duckery/Poultry   |
| 7     | Paddy-Ground nut + Poultry   |
| 8     | Pulses-Vegetable   |
| 9     | Paddy-linseed  |
| 10    | Mango + Spices (Ginger and turmeric) +Poultry  |
| 11    | Horti-silviculture + Duckery + Poultry   |
| 12    | Niger-Fallow   |
| 13    | Maize-Vegetable  |
| 14    | Paddy-Wheat  |
| 15    | Paddy-Mustard-Vegetable (Tomato)   |

### 1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2012 to 31.3.2013 (Approved by competent Authority in meetings/workshops)

| KVK Name | Village Name      | Year of adoption | Block Name     | Distance from KVK | Population | Number of farmers (having land in the village) |
|----------|-------------------|------------------|----------------|-------------------|------------|--|
| Keonjhar | Basudevpur        | 2008             | Keonjhar       | 16                | 712        | 89   |
| Keonjhar | Badadhanurjayapur | 2008             | Patna          | 48                | 1010       | 133  |
| Keonjhar | Sitarampur        | 2009             | Jhumpura       | 52                | 1230       | 212  |
| Keonjhar | Kuspada           | 2010             | Keonjhar       | 15                | 506        | 100  |
| Keonjhar | Tentuli           | 2010             | Banspal        | 12                | 320        | 66   |
| Keonjhar | Dimirimunda       | 2011             | Keonjhar Sadar | 19                | 495        | 87   |

### 1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

| KVK Name | THRUST AREA  |
|----------|--|
| Keonjhar | Crop diversification and Intensification in Rainfed up lands   |
| Keonjhar | Varietal replacement in field and vegetable crops  |
| Keonjhar | Area and technology expansion for off-season vegetable cultivation   |
| Keonjhar | Cultivation of more remunerative crops like onion, garlic, spices, broccoli etc.   |
| Keonjhar | Area expansion of fruit crops and fruit based intercropping  |
| Keonjhar | Soil health management through better and efficient utilization of farm residues   |
| Keonjhar | Integrated nutrient management and correction of micronutrient deficiencies  |
| Keonjhar | Management of problematic soil (Acidic and Iron toxicity)  |
| Keonjhar | Enforcement of IPM strategies in crops with particular emphasis to plant diversity, botanicals, bio-pesticides and behavioural aspects |
| Keonjhar | Pond based integrated farming system for sustainable production and income   |
| Keonjhar | Integrated nutrient and feed management for improving the pond productivity and high fish production                                   |
| Keonjhar | Better management practices (BMP) in seasonal water bodies for higher fish production  |
| Keonjhar | Introduction of fast growing and high value fish and shell fishes and adoption of advance culture practices                            |
| Keonjhar | Weed management practices in different crops   |
| Keonjhar | Promotion of different agro-based enterprises for women empowerment  |
| Keonjhar | Value addition in vegetables, underutilized fruits and tuber crops   |
| Keonjhar | Medicinal plant cultivation  |
| Keonjhar | Practicing agro-forestry and forest based intercropping  |
| Keonjhar | Organization of farmers group  |

### 1.5. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

| <b>KVK Name</b> | <b>Problem identified</b>   | <b>Methods of problem identification</b>  | <b>Location Name of Village &amp; Block</b> |
|-----------------|---|---|---|
| <b>Keonjhar</b> | Low yield & high risk of upland paddy   | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in medium land rice due to poor nutrient management, conventional method of cultivation, deficiency in Zn and S and heavy incidence of insect pest.     | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in maize due to conventional variety, poor nutrient management, deficiency of Zn and B & soil acidity   | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield of wheat due to poor nutrient management, soil acidity & zinc deficiency  | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in arhar and chick pea due to traditional variety, poor nutrient management and high infestation of pod borer complex and wilt.                         | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in groundnut due to use of degenerated seeds of AK12-24, poor nutrient management, soil acidity, infestation of leaf minor and PNBN virus.              | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in toria due to poor nutrient management, S deficiency and heavy incidence of mustard aphid and weber.  | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in off season tomato due to inappropriate variety, soil acidity, B deficiency and incidence of wilt, fruit borer and leaf curl viral disease incidence. | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |
| <b>Keonjhar</b> | Low yield in off season corrandar due to local variety  | Problem cause analysis, focus group discussion, interaction with line department, field visit             |   |
| <b>Keonjhar</b> | Low yield in tuber crops like sweet potato, yam and elephant foot yam due to traditional variety and conventional management practice.                            | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit |   |

|                 |   |  |  |
|-----------------|---|--|--|
| <b>Keonjhar</b> | Low yield in cabbage and cauliflower due to soil acidity, B deficiency and high infestation of DBM, collar rot and other insect pest.                                 | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit            |  |
| <b>Keonjhar</b> | Low yield in arrow root due to conventional variety with traditional package of practice  | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit            |  |
| <b>Keonjhar</b> | Low yield and poor fruit quality in brinjal due to heavy incidence of Shoot & fruit borer   | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit |  |
| <b>Keonjhar</b> | Low yield in okra due to the incidence of YVMV  | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit            |  |
| <b>Keonjhar</b> | Low yield in cowpea due to inappropriate variety, poor nutrient management and high incidence of YMV  | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, diagnostic field visit |  |
| <b>Keonjhar</b> | Low level of family income and poor productivity from cross pollinated crop   | PRA survey, Problem cause analysis, focus group discussion, interaction with line department, field visit            |  |
| <b>Keonjhar</b> | Lack of suitable enterprise for the farm women and low house hold income  | Livelihood analysis, SHG meet, group discussion.   |  |
| <b>Keonjhar</b> | Low egg production, slower growth rate and high mortality in local birds  | Problem cause analysis, focus group discussion, interaction with line department,                                    |  |
| <b>Keonjhar</b> | Irregular planting of crops in backyard restricts the through out availability of vegetables, Malnutrition incidence among women & children, High price of vegetables | SHG meet, Problem cause analysis, focus group discussion   |  |
| <b>Keonjhar</b> | Low production of fish due to stocking of small fry with disproportionate size and ratio, no/ poor supplementary feeding  | Problem cause analysis, discussion with FIG, interaction with line department, field visit                           |  |
| <b>Keonjhar</b> | Low production of fish due to under utilization of pond carrying capacity, no pre and post pond water fertilization for pond water productivity                       | Problem cause analysis, discussion with FIG, interaction with line department, field visit                           |  |
| <b>Keonjhar</b> | Non adoption of pond based farming system for higher & sustainable return   | Problem cause analysis, discussion with FIG, interaction with line department, field visit                           |  |

## 2. On Farm Testing

### 2.1 Information about OFT to be conducted

| KVK name | Year/season      | Problem diagnose  | Category of technology (Assessment / Refinement) | Thematic Area              | Crop/enterprise | Farming Situations     | Target (ha) | No. of trials | Title of OFT  | Results (with parameter) |              | Net Returns (Rs./ha) |    |
|----------|------------------|---|--|----------------------------|-----------------|------------------------|-------------|---------------|---|--------------------------|--------------|----------------------|----|
|          |                  |   |  |                            |                 |                        |             |               |   | Farmer practice T1       | Rec. Tech T2 | T1                   | T2 |
| Keonjhar | Kharif 2013      | Low yield of Ragi due to traditional variety                                  | Assessment                                       | Varietal substitution      | Ragi            | Rainfed medium land    | 0.526       | 13            | Assessment of Ragi variety <i>Bhairabi</i>                      |                          |              |                      |    |
| Keonjhar | Kharif 2013      | Low yield due to cultivation of local scented rice variety <i>Pimpudibasa</i> | Assessment                                       | Varietal substitution      | Rice            | Rainfed medium land    | 0.526       | 13            | Assessment of aromatic Rice variety <i>Ketkijoha</i>            |                          |              |                      |    |
| Keonjhar | Rabi 2013-14     | Low yield due to heavy infestation of weed                                    | Assessment                                       | Integrated Weed Management | Wheat           | Irrigated medium land  | 0.526       | 13            | Assessment of herbicide Sulfosulfuron in Wheat                  |                          |              |                      |    |
| Keonjhar | Pre-Rabi 2013-14 | Low yield due to traditional variety  | Assessment                                       | Varietal Substitution      | Greengram       | Irrigated medium land  | 0.526       | 13            | Assessment of Greengram variety OUM-11-5                        |                          |              |                      |    |
| Keonjhar | Kharif 2013      | Low yield of existing variety   | Assessment                                       | Varietal Evaluation        | Cauliflower     | Medium land            | 0.526       | 13            | Assessment of cauliflower var. white diamond                    |                          |              |                      |    |
| Keonjhar | Kharif 2013      | Low yield in traditional varieties  | Assessment                                       | Varietal Evaluation        | Sweet potato    | Rainfed medium land    | 0.526       | 13            | Assessment of Sweet potato variety Kishan in mango orchard      |                          |              |                      |    |
| Keonjhar | Rabi, 2013-14    | Low yield in traditional bean   | Assessment                                       | Varietal Evaluation        | Bean            | Irrigated ,Medium land | 0.526       | 13            | Assessment of Raikia bean                                       |                          |              |                      |    |
| Keonjhar | Summer 2013-14   | Low yield due to imbalance fertilizer and micronutrient application           | Assessment                                       | Production technology      | Okra            | Irrigated ,Medium land | 0.526       | 13            | Assessment of Thiourea in Okra                                  |                          |              |                      |    |
| Keonjhar | Kharif 2013      | Low yield of rice due to high infestation of stemborer                        | Assessment                                       | Integrated pest management | Rice            | Rainfed medium land    | 0.526       | 13            | Assessment of Flubendiamide for Management of Stemborer in Rice |                          |              |                      |    |
| Keonjhar | Kharif 2013      | Tomato fruit borer is a serious   | Assessment                                       | Integrated pest            | Tomato          | Irrigated medium       | 0.526       | 13            | Assessment of IPM for management of Tomato                      |                          |              |                      |    |

|          |              |  |            |                                |            |                                     |       |    |  |  |  |  |  |
|----------|--------------|--|------------|--------------------------------|------------|-------------------------------------|-------|----|--|--|--|--|--|
|          |              | problem causing low yield ,damaged fruit and less market value.  |            | management                     |            | land                                |       |    | fruit borer( <i>Helicoverpa armigera</i> )   |  |  |  |  |
| Keonjhar | Rabi 2013-14 | Low yield of brinjal due to high incidence of wilt   | Assessment | IDM                            | Brinjal    | Irrigated                           | 0.526 | 13 | Assessment of Copper oxychloride in management of Brinjal wilt   |  |  |  |  |
| Keonjhar | Rabi 2013-14 | Low yield of Chilli due to high incidence of Thrips and mite.  | Assessment | IPM                            | Onion      | Irrigated                           | 0.526 | 13 | Assessment of Thiomethoxam and Phosalone for management of thrips in Chilli  |  |  |  |  |
| Keonjhar | Kharif 2013  | Low yield due to improper nutrient management  | Assessment | INM                            | Groundnut  | Rainfed, medium land                | 0.526 | 13 | Assessment of STCR equation of targeted yield for groundnut  |  |  |  |  |
| Keonjhar | Rabi 2013-14 | Low yield due to low beneficial microbial population   | Assessment | Integrated nutrient management | Tomato     | Irrigated medium land               | 0.526 | 13 | Assessment of consortia of microorganism (azotobacter+azospirillum+PSB) in tomato  |  |  |  |  |
| Keonjhar | Kharif 2013  | Low quality of paddy due to Zn deficiency  | Assessment | Integrated nutrient management | Paddy      | Rainfed medium land                 | 0.526 | 13 | Assessment of Zn in paddy  |  |  |  |  |
| Keonjhar | Rabi 2013-14 | Low yield due to acid soil   | Assessment | Integrated nutrient management | Pigeon pea | Irrigated upland                    | 0.526 | 13 | Assessment of lime in pigeon pea   |  |  |  |  |
| Keonjhar | Kharif 2013  | Severe problem of clay turbidity in newly excavated fish ponds, poor light penetration, hence low primary productivity | Assessment | Production and management      | fish       | Canal & rainfed small/ medium ponds | 0.526 | 13 | Assessment of alum (Pottasium Aluminium Sulphate) in controlling the water turbidity in newly excavated pisciculture tanks |  |  |  |  |
| Keonjhar | Kharif 2013  | Traditional fish feed has low FCR and slow growth rate   | Assessment | Production and management      | fish       | Canal & rainfed small/ medium ponds | 0.526 | 13 | Assessment of floating fish feed pellet in growth and fish production  |  |  |  |  |

|          |                 |   |            |                                |            |                                     |       |    |  |  |  |  |  |
|----------|-----------------|---|------------|--------------------------------|------------|-------------------------------------|-------|----|--|--|--|--|--|
| Keonjhar | Rabi 2013-14    | Phytoplankton bloom frequently crashes during winter due to absence of micronutrients (Zn, Mg, Mn, B, Mo) in pond water | Assessment | Integrated Nutrient Management | fish       | Canal & rainfed small/ medium ponds | 0.526 | 13 | Assessment of efficacy of liquid micronutrients in sustaining phytoplankton bloom during winter.                     |  |  |  |  |
| Keonjhar | Rabi 2013-14    | Use of raw cow dung in winter make difficulty in water quality management   | Assessment | Production and management      | fish       | Canal & rainfed small/ medium ponds | 0.526 | 13 | Assessment of efficacy of synthetic organic manure (humic acid, fluvic acid etc.,) for pond productivity management. |  |  |  |  |
| Keonjhar | Summer, 2013-14 | Huge amount of paddy straw used in paddy straw mushroom   | Assessment | Mushroom cultivation           | Mushroom   | Backyard                            | 13    | 13 | Assessment of production milk mushroom   |  |  |  |  |
| Keonjhar | Rabi, 2013-14   | Low income and marketability in oyster mushroom   | Assessment | Mushroom production            | Mushroom   | Homestead                           | 13    | 13 | Assessment of production of off season paddy straw mushroom inside lowcost polyhouse                                 |  |  |  |  |
| Keonjhar | Rabi, 2013-14   | Drudgery due to manual threshing  | Assessment | Drudgery reduction             | Sunflower  | Medium land irrigated               | 13    | 13 | Assessment of Sunflower thresher for drudgery reduction  |  |  |  |  |
| Keonjhar | Rabi 2013-14    | Loss of store grain due to pest infestation   | Assessment | Post Harvest Management        | Enterprise | --                                  | 13    | 13 | Assessment of insect trap for management of store grain pest   |  |  |  |  |

### 2.1a Recommendations of OFTs

| Recommendations |             |                      |
|-----------------|-------------|----------------------|
| Title of OFT    | For Farmers | For Deptt. Personnel |
|                 |             |                      |
|                 |             |                      |
|                 |             |                      |

### 2.2 Economic Performance

| KVK name | OFT Title | Average Cost of cultivation (Rs/ha) |  |  | Average Gross Return (Rs/ha) |                      |  | Average Net Return (Rs/ha) |                      |  | Benefit-Cost Ratio (Gross Return / Gross Cost) |                      |  |  |  |  |
|----------|-----------|-------------------------------------|--|--|------------------------------|----------------------|--|----------------------------|----------------------|--|--|----------------------|--|--|--|--|
|          |           |                                     |  |  | FP (T <sub>1</sub> )         | RP (T <sub>2</sub> ) |  | FP (T <sub>1</sub> )       | RP (T <sub>2</sub> ) |  | FP (T <sub>1</sub> )                           | RP (T <sub>2</sub> ) |  |  |  |  |
|          |           |                                     |  |  |                              |                      |  |                            |                      |  |  |                      |  |  |  |  |
|          |           |                                     |  |  |                              |                      |  |                            |                      |  |  |                      |  |  |  |  |
|          |           |                                     |  |  |                              |                      |  |                            |                      |  |  |                      |  |  |  |  |
|          |           |                                     |  |  |                              |                      |  |                            |                      |  |  |                      |  |  |  |  |
|          |           |                                     |  |  |                              |                      |  |                            |                      |  |  |                      |  |  |  |  |



### 3. Frontline Demonstrations

#### 3.1. Follow-up for results of FLDs implemented during previous years ( upto 2012-13)

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

| KVK Name | Crop/<br>Enterprise | Thematic Area         | Technology demonstrated  | Details of popularization<br>methods suggested to the<br>Extension system                           | Horizontal spread of technology |                   |               |
|----------|---------------------|-----------------------|--|---|---------------------------------|-------------------|---------------|
|          |                     |                       |  |   | No. of<br>villages              | No. of<br>farmers | Area in<br>ha |
| Keonjhar | Crop                | Varietal substitution | Cultivation of Ranidhan in medium low land condition   | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 22                              | 65                | 32.0          |
| Keonjhar | Crop                | Weed management       | Pre-emergence application of pretilachlor @1kg a.i./ha at 3-4 DAT                              | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 67                              | 117               | 52.0          |
| Keonjhar | Crop                | INM                   | Application of Azospirillum @ 250 ml/ha along with 75% RDF (80:40:40)                          | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 12                              | 55                | 15.0          |
| Keonjhar | Crop                | Intercropping         | Growing maize with arhar in 2:1 row ratio  | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 63                              | 135               | 87.0          |
| Keonjhar | Crop                | Varietal substitution | Cultivation of radish variety Menu Early during off-season with improved package and practices | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 27                              | 57                | 23.0          |
| Keonjhar | Crop                | Varietal substitution | Cultivation of high yielding variety of cowpea Utkal Manik with proper package and practices   | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 24                              | 63                | 18.0          |
| Keonjhar | Crop                | Varietal substitution | Cultivation of YVMV tolerant Okra variety Shakti with improved package and practices           | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 18                              | 53                | 12.0          |
| Keonjhar | Crop                | INM                   | Soil test based NPK along with foliar application of CaNo <sub>3</sub> @ 5g/lit                | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 22                              | 75                | 23            |

|          |            |                                  |   |   |    |     |      |
|----------|------------|----------------------------------|---|---|----|-----|------|
| Keonjhar | Crop       | IPM                              | Alternate application of imidacloprid @3ml/10 liter of water and properzite @ 1 ml/liter of water                                 | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 26 | 72  | 31   |
| Keonjhar | Crop       | IPM                              | Foliar application of acetamiprid @ 3g/10 liter water at 15 days interval. Installation of yellow sticky trap                     | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 18 | 45  | 22   |
| Keonjhar | Crop       | INM                              | Application of ZnSo4@25Kg/ha and S (30Kg/ha)  | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 32 | 78  | 35   |
| Keonjhar | Crop       | INM                              | Soil application of PMS @ 5 q/ha and foliar application of Boron 0.2 % @ 1.5 ml/liter of water                                    | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 12 | 118 | 87   |
| Keonjhar | Crop       | INM                              | Soil application of lime (PMS)@ 0.2LR & Borax @10Kg/ha  | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 28 | 54  | 32   |
| Keonjhar | Crop       | Improvement of knowledge & Skill | Improved variety of Papaya with inter cropping of seasonal vegetables especially leafy vegetables.                                | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 27 | 128 | 10.0 |
| Keonjhar | Implement  | Drudgery                         | Weeding after 20 days and 35 days of sowing   | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 18 | 35  | -    |
| Keonjhar | Crop       | Poultry                          | Dual purpose poultry bird i.e. vanaraja rearing at backyard for egg & wheat production, Scientific arrangement of disease & feed. | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 16 | 163 | -    |
| Keonjhar | Enterprise | Mushroom                         | Paddy straw mushoorm cultivation with straws as substrate& gram flour as additive   | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 36 | 348 |      |
| Keonjhar | Enterprise | Fry fingerling rearing           | Rearing fish fry@ 2,50,000/ha for 3-6 months to advance fingerlings   | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 12 | 82  | 121  |

|          |            |                         |  |   |    |    |     |
|----------|------------|-------------------------|--|---|----|----|-----|
| Keonjhar | Enterprise | Integrated fish farming | Rearing of ducks( <i>Khaki campbell</i> ) @ 250/ha along with carp culture and recycling of wastes | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 15 | 85 | 124 |
| Keonjhar | Enterprise | Composite fish culture  | Application of micronutrient @ 7.5 kg/ha/month monthly along with recommended dose of fertilizer   | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 13 | 72 | 45  |
| Keonjhar | Crop       | IFS                     | Planting of Gambhar saplings in Farm boundary  | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 5  | 59 | 15  |
| Keonjhar | Crop       | IFS                     | Planting of Mangium saplings in farm boundary  | Large scale demonstrations, Campaign for popularization of production technology, Use of mass media | 10 | 80 | 42  |

### 3.2 Details of FLDs to be implemented during 2013-14

| KVK Name | Thematic area         | Name of Crop/ Enterprise | Season and year | Technology demonstrated                                       | Crop- Area (ha) / Entrep - No. | Name of Variety Entreprizes | Results (q/ha) |       | % change | No. of farmers |    |     |        |       |
|----------|-----------------------|--------------------------|-----------------|---|--------------------------------|-----------------------------|----------------|-------|----------|----------------|----|-----|--------|-------|
|          |                       |                          |                 |   |                                |                             | Demons         | Check |          | SC             | ST | OBC | Others | Total |
| Keonjhar | Varietal substitution | Mustard                  | Rabi 2013       | Demonstration of Mustard variety Parbati                      | 2.0                            | Parbati                     |                |       |          |                |    |     |        | 5     |
| Keonjhar | Varietal substitution | Paddy                    | Kharif 2013     | Demonstration of medium duration hybrid paddy <i>JKRH-401</i> | 2.0                            | JKRH-401                    |                |       |          |                |    |     |        | 5     |
| Keonjhar | Varietal substitution | Maize                    | Kharif 2013     | Demonstration of Sweet corn Variety-Madhuri                   | 2.0                            | Madhuri                     |                |       |          |                |    |     |        | 5     |

|          |                            |           |               |  |     |              |  |  |  |  |  |  |  |  |  |  |  |   |
|----------|----------------------------|-----------|---------------|--|-----|--------------|--|--|--|--|--|--|--|--|--|--|--|---|
| Keonjhar | Integrated Crop Management | Chickpea  | Rabi 2013-14  | Demonstration of nutrient management in paira crop of chickpea                 | 2.0 | JG-11        |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | Varietal Evaluation        | Okra      | Kharif 2013   | Demonstration of YVMV tolerant okra variety HYb.016                            | 1.0 | HYb 016      |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | Weed management            | Tomato    | Kharif 2013   | Demonstration of herbicide <i>Metribuzine</i> at pre-emergence stage in tomato | 1.0 | BT-10        |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | Varietal Evaluation        | Onion     | Rabi, 2013-14 | Demonstration of Onion var. Bhima sakti  | 1.0 | Bhima Shakti |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | INM                        | Brinjal   | Rabi 2013-14  | Demonstration of Brinjal variety Swarna Shyamali                               | 1.0 | Green star   |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | IPM                        | Rice      | Kharif 2013   | Demonstration of IPM practaces for management of sheath blight in rice         | 1.0 | Swarna       |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | IPM                        | Brinjal   | Rabi 2013-14  | Demonstration of thiacloprid against Brinjal fruit and shoot borer             | 1.0 | Bluestar     |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | IPM                        | Cabbage   | Rabi 2013-14  | Demonstration of IPM practices for management of DBM in Cabbage                | 1.0 | Rareball     |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | IPM                        | Arhar     | Kharif 2013   | Demonstration of bio-intensive IPM module against pod borer in Arhar           | 1.0 | Asha         |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | INM                        | Paddy     | Kharif 2013   | Demonstration of Boron application in paddy                                    | 2.0 | Lalat        |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Keonjhar | INM                        | Groundnut | Kharif 2013   | Demonstration of Lime and Sulphur in Groundnut                                 | 2.0 | TMV-2        |  |  |  |  |  |  |  |  |  |  |  | 5 |

|          |                                     |                       |              |  |          |                                     |  |  |  |  |  |  |  |  |   |   |
|----------|-------------------------------------|-----------------------|--------------|--|----------|-------------------------------------|--|--|--|--|--|--|--|--|---|---|
| Keonjhar | INM                                 | Cauliflower           | Rabi 2013-14 | Demonstration of pre-limed FYM inoculated with bio-fertilizer in Cauliflower                       | 1.0      | Hemalata                            |  |  |  |  |  |  |  |  | 5 |   |
| Keonjhar | INM                                 | Field pea             | Rabi 2013-14 | Demonstration of Sulphur application in field pea  | 2.0      | Aparna                              |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Fry and fingerlings rearing         | Fish                  | Kharif-2013  | Rearing carp fry to fish fingerlings with low stocking density                                     | 1.0      | Indian Major Carps                  |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Composite fish culture              | Fish                  | Kharif-2013  | Application of multivitamin & minerals along with fish feed in composite fish culture              | 1.5      | Indian Major Carps                  |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Composite fish culture              | Fish                  | Kharif-2013  | Rearing of fresh water prawn along with Indian major carps   | 1.0      | M. rosenbergii & Indian Major Carps |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Composite fish culture              | Fish                  | Rabi-2013-14 | Demonstration of lime & turmeric powder application to control the ulcer disease of fish in winter | 1.5      | Indian Major Carps                  |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Drudgery reduction                  | Paddy parboiling unit | 2013-14      | Demonstration of Paddy parboiling unit   | 5 nos    | Paddy parboiling unit               |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Livestock Production and management | Poultry               | 2013-14      | Demonstration of brooding managements of poultry chicks in backyard condition                      | 250 nos  | Vanaraja                            |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Mushroom production                 | Mushroom              | 2013-14      | Demonstration of Paddystraw mushroom using scrubled straw as substrate                             | 400 beds | V. volvacea                         |  |  |  |  |  |  |  |  |   | 5 |
| Keonjhar | Mushroom production                 | Mushroom              | 2013-14      | Demonstration of oyster mushroom   | 400 beds | P. sajarcaju & P. florida           |  |  |  |  |  |  |  |  |   | 5 |

### 3.3 Economic Impact of FLD

| KVK Name | Name of Crop/ Enterprise | Technology demonstrated | Parameters                 |      |       | Cost of cultivation (Rs/ha) |       | Gross Return (Rs/ha) |       | Average Net Return (Rs/ha) |       | Benefit-Cost Ratio (Gross Return / Gross Cost) |             |
|----------|--------------------------|-------------------------|----------------------------|------|-------|-----------------------------|-------|----------------------|-------|----------------------------|-------|--|-------------|
|          |                          |                         | Name and unit of Parameter | Demo | Check | Demo                        | Check | Demo                 | Check | Demo                       | Check | Demo   | Local Check |
| Keonjhar |                          |                         |                            |      |       |                             |       |                      |       |                            |       |  |             |

### 3.4 Training and Extension activities proposed under FLD

| KVK Name | Crop     | Activity                             | No. of activities organized | Number of participants | Remarks |
|----------|----------|--------------------------------------|-----------------------------|------------------------|---------|
| Keonjhar | Mustard  | Field days                           | 1                           | 40                     |         |
|          |          | Farmers Training                     | 1                           | 20                     |         |
|          |          | Media coverage                       | 1                           | -                      |         |
|          |          | Training for extension functionaries | -                           | -                      |         |
| Keonjhar | Paddy    | Field days                           | 1                           | 40                     |         |
|          |          | Farmers Training                     | 1                           | 20                     |         |
|          |          | Media coverage                       | -                           | -                      |         |
|          |          | Training for extension functionaries | -                           | -                      |         |
| Keonjhar | Maize    | Field days                           | 1                           | 40                     |         |
|          |          | Farmers Training                     | 1                           | 20                     |         |
|          |          | Media coverage                       | -                           | -                      |         |
|          |          | Training for extension functionaries | -                           | -                      |         |
| Keonjhar | Chickpea | Field days                           | 1                           | 40                     |         |
|          |          | Farmers Training                     | 1                           | 20                     |         |
|          |          | Media coverage                       | -                           | -                      |         |
|          |          | Training for extension functionaries | 1                           | 15                     |         |
| Keonjhar | Okra     | Field days                           | 1                           | 40                     |         |
|          |          | Farmers Training                     | 2                           | 40                     |         |
|          |          | Media coverage                       | 1                           | Mass                   |         |
|          |          | Training for extension functionaries | 1                           | 15                     |         |
| Keonjhar | Tomato   | Field days                           | 1                           | 40                     |         |
|          |          | Farmers Training                     | 1                           | 20                     |         |
|          |          | Media coverage                       | 1                           | Mass                   |         |
|          |          | Training for extension functionaries | -                           | -                      |         |

|          |             |                                      |   |      |  |
|----------|-------------|--------------------------------------|---|------|--|
| Keonjhar | Onion       | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 2 | 40   |  |
|          |             | Media coverage                       | 1 | Mass |  |
|          |             | Training for extension functionaries | 1 | 15   |  |
| Keonjhar | Brinjal     | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | Mass |  |
|          |             | Training for extension functionaries | 1 | 15   |  |
| Keonjhar | Rice        | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |
| Keonjhar | Brinjal     | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | 1 | 15   |  |
| Keonjhar | Cabbage     | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |
| Keonjhar | Arhar       | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |
| Keonjhar | Paddy       | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |
| Keonjhar | Groundnut   | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |
| Keonjhar | Cauliflower | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |
| Keonjhar | Field pea   | Field days                           | 1 | 40   |  |
|          |             | Farmers Training                     | 1 | 20   |  |
|          |             | Media coverage                       | 1 | -    |  |
|          |             | Training for extension functionaries | - | -    |  |

|          |                       |                                      |   |    |  |
|----------|-----------------------|--------------------------------------|---|----|--|
| Keonjhar | Fish                  | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Fish                  | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Fish                  | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Fish                  | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Paddy parboiling unit | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Poultry               | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Mushroom              | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | 1 | 20 |  |
|          |                       | Media coverage                       | 1 | -  |  |
|          |                       | Training for extension functionaries | - | -  |  |
| Keonjhar | Mushroom              | Field days                           | 1 | 40 |  |
|          |                       | Farmers Training                     | - | -  |  |
|          |                       | Media coverage                       | 1 | 40 |  |
|          |                       | Training for extension functionaries | 1 | 20 |  |



### 3.5 Details of FLD on crop hybrids.

| Sr. No. | Name of the KVK | Name of the Crop | Name of the Hybrids | Source of Hybrid (Institute/Firm) | No. of farmers | Area in ha. |
|---------|-----------------|------------------|---------------------|-----------------------------------|----------------|-------------|
| 1       | Keonjhar        | Okra             | HYb.016             |                                   | 5              | 1.0         |
| 2       | Keonjhar        | Paddy            | JKRH-401            |                                   | 5              | 2.0         |

## 4. Feedback System

### 4.1. Feedback of the Farmers to KVK

| Name of KVK | Feedback                  |                  |                     |                 |
|-------------|---------------------------|------------------|---------------------|-----------------|
|             | Technology appropriations | Methodology used | Benefits of OFT/FLD | Future Adoption |
|             |                           |                  |                     |                 |
|             |                           |                  |                     |                 |

### 4.2. Feedback from KVK to Research System.

| Name of KVK | Feedback basic of OFT on Technology Tested |
|-------------|--|
|             |  |

### Abbreviation Used

|                                    |   |
|------------------------------------|---|
| FW                                 | (A) Farmers & Farm Women                    |
| RY                                 | (B) Rural Youths                            |
| IS                                 | (C) Extension Personnel                     |
| ONC                                | On Campus Training Programme                |
| OFC                                | Off Campus Training Programme               |
| M                                  | Male  |
| F                                  | Female                                      |
| T                                  | Total                                       |
| <b>Thematic Areas for Training</b> |   |
| CP                                 | Crop Production                             |
| HOV                                | Horticulture – Vegetable Crops              |
| HOF                                | Horticulture-Fruits                         |
| HOO                                | Horticulture- Ornamental Plants             |
| HOP                                | Horticulture- Plantation crops              |
| HOT                                | Horticulture- Tuber crops                   |
| HOS                                | Horticulture- Spices                        |
| HOM                                | Horticulture- Medicinal and Aromatic Plants |
| SFM                                | Soil Health and Fertility Management        |
| LPM                                | Livestock Production and Management         |
| WOE                                | Home Science/Women empowerment              |
| AEG                                | Agril. Engineering                          |
| PLP                                | Plant Protection                            |
| FIS                                | Fisheries                                   |
| PIS                                | Production of Inputs at site                |
| CBD                                | Capacity Building and Group Dynamics        |
| AGF                                | Agro-forestry                               |
| OTH                                | Others                                      |
| RY                                 | Rural Youth                                 |
| IS                                 | Extension Personnel                         |

## 5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only.
2. For category, training type and thematic area, use abbreviations only.

**Table 5.1: Documentation of the need assessment conducted by the KVK for the training programme**

| Name of KVK | Category of the training | Methods of need assessment | Date and place | No. Of participants to be involved |
|-------------|--------------------------|----------------------------|----------------|------------------------------------|
| Keonjhar    | Farmer and Farm woman    |                            |                |                                    |
| Keonjhar    | Rural Youth              |                            |                |                                    |
| Keonjhar    | Extension Personnels     |                            |                |                                    |

**Table 5.2. Details of Training programmes to be conducted by the KVKs.**

| Name of KVK | Category | Training Type | Thematic area | Training Title                                    | No. of Courses | Duration (Days) | Target for No. of participants | Participants |    |    |    |    |   |        |   |
|-------------|----------|---------------|---------------|---|----------------|-----------------|--------------------------------|--------------|----|----|----|----|---|--------|---|
|             |          |               |               |   |                |                 |                                | General      |    | SC |    | ST |   | Others |   |
|             |          |               |               |   |                |                 |                                | M            | F  | M  | F  | M  | F | M      | F |
| 1           | 2        | 3             | 4             | 5   | 7              | 8               | 9                              | 10           | 11 | 12 | 13 | 14 |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Cultivation technology of Ragi                    | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Package and practices of scented rice cultivation | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Production technology of hybrid Maize cultivation | 1              | 2               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Management of paira cropping of chickpea          | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Nursery preparation and weed management in SRI    | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Package and practices of hybrid paddy cultivation | 1              | 2               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Weed management in wheat                          | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Cultivation technology of pulses                  | 1              | 2               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Production technology of Sweetcorn                | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Integrated weed management in jute                | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Production technology of hybrid Sunflower         | 1              | 2               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | CP            | Weed and water management of groundnut            | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |

|          |    |     |     |  |   |   |    |  |  |  |  |  |  |  |  |  |  |  |
|----------|----|-----|-----|--|---|---|----|--|--|--|--|--|--|--|--|--|--|--|
| Keonjhar | FW | OFC | CP  | Production technology of Mustard                                 | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Production technology of Okra                                    | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Weed management in tomato  | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Production technology of onion                                   | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Improved cultivation practices of Brinjal                        | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Package and practices of off-season cauliflower                  | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Production technology of Sweet potato                            | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Package and practices of Raikia beans                            | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Improved cultivation practices of hybrid tomato                  | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Water management in vegetable crops                              | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOF | Grading and packaging of different fruits and vegetables         | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOV | Hi-tech nursery raising techniques                               | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOF | Production technology of water melon                             | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | HOF | Production technology of fruits                                  | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | IPM for management of yellow stem borer in rice                  | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | IPM practices for management of tomato fruit borer               | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Wilt management in Brinjal                                       | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Management of purple blotch disease in onion                     | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | IPM practices for management of shoot and fruit borer in Brinjal | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Management of Diamond back moth in cabbage                       | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | IPM management for pod borer in Arhar                            | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Techniques of seed treatment in different crops                  | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Integrated management of leaf curl disease in chilli             | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Integrated management of cucumber mosaic disease                 | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Integrated management of leaf folder in rice                     | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | PLP | Insect pest management in mustard                                | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |
| Keonjhar | FW | OFC | SFM | Nutrient management in G.nut                                     | 1 | 1 | 25 |  |  |  |  |  |  |  |  |  |  |  |

| Name of KVK | Category | Training Type | Thematic area | Training Title   | No. of Courses | Duration (Days) | Target for No. of participants | Participants |    |    |    |    |   |        |   |
|-------------|----------|---------------|---------------|--|----------------|-----------------|--------------------------------|--------------|----|----|----|----|---|--------|---|
|             |          |               |               |  |                |                 |                                | General      |    | SC |    | ST |   | Others |   |
|             |          |               |               |  |                |                 |                                | M            | F  | M  | F  | M  | F | M      | F |
| 1           | 2        | 3             | 4             | 5  | 7              | 8               | 9                              | 10           | 11 | 12 | 13 | 14 |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Production technology for pigeon pea                                     | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Application techniques of micronutrient in paddy.                        | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Methods of biofertilizer application in vegetables                       | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Management of iron toxicity in rice                                      | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Importance of Soil testing and soil sample collection technique          | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Application technique of lime and biofertilizer application in Groundnut | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | S application in oilseed crops   | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Simple composting techniques   | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Recycling of crop residues by improved methods.                          | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Nutrient management in pulse crops.                                      | 1              | 2               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | SFM           | Methods of lime application in Acid soil                                 | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | ONC           | FIS           | Pre-stocking pond preparation and management in fish culture             | 2              | 2               | 50                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | ONC           | FIS           | Fish fry to fingerling rearing   | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Package practices for duck-cum-fish culture                              | 2              | 2               | 50                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Fish feed preparation from locally available fish feed ingredients       | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Multiple stocking and harvesting techniques of pisciculture              | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Post stocking pond management techniques in fish culture                 | 2              | 2               | 50                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Stunted fish fingerling production techniques                            | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Common fish diseases and their control in fish culture                   | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | FIS           | Pond management practices during winter period                           | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Cultivation of paddy straw mushroom                                      | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Backyard poultry rearing   | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |

| Name of KVK | Category | Training Type | Thematic area | Training Title  | No. of Courses | Duration (Days) | Target for No. of participants | Participants |    |    |    |    |   |        |   |
|-------------|----------|---------------|---------------|---|----------------|-----------------|--------------------------------|--------------|----|----|----|----|---|--------|---|
|             |          |               |               |   |                |                 |                                | General      |    | SC |    | ST |   | Others |   |
|             |          |               |               |   |                |                 |                                | M            | F  | M  | F  | M  | F | M      | F |
| 1           | 2        | 3             | 4             | 5   | 7              | 8               | 9                              | 10           | 11 | 12 | 13 | 14 |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Plant protection measures for nutritional garden              | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Selection of suitable varieties for vegetable cultivation     | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Cultivation practice of Oyster mushroom                       | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Techniques of vermicomposting                                 | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Goatery management  | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | OFC           | WOE           | Safe storage of grain   | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | ONC           | WOE           | Use of durgery reduction implements                           | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | FW       | ONC           | WOE           | Care and management of milch animals                          | 1              | 1               | 25                             |              |    |    |    |    |   |        |   |
| Keonjhar    | RY       | ONC           | CP            | Seed production techniques in paddy                           | 1              | 3               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | RY       | ONC           | CP            | Cultivation technology of green manure crops                  | 1              | 3               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | RY       | ONC           | HOF           | Grafting techniques in mango                                  | 1              | 3               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | RY       | ONC           | PLP           | Scientific cultivation of honey bee                           | 1              | 3               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | RY       | ONC           | SFM           | Vermicomposting   | 1              | 4               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | RY       | ONC           | FIS           | Backyard breeding and rearing of common ornamental fishes     | 1              | 2               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | IS       | ONC           | CP            | New generation herbicide for controlling weeds in field crops | 1              | 1               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | IS       | ONC           | HOV           | Production technology of vegetable crops                      | 1              | 1               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | IS       | ONC           | PLP           | ITK for management of insect pest in different crops          | 1              | 1               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | IS       | ONC           | SFM           | Management of Acid Soil                                       | 1              | 1               | 10                             |              |    |    |    |    |   |        |   |
| Keonjhar    | IS       | ONC           | FIS           | Recent advances in pond water productivity management         | 1              | 1               | 10                             |              |    |    |    |    |   |        |   |

**Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs**

| Name of KVK | Training title   | Crop / Enterprise | Identified Thrust Area        | Duration of training (days) | Number of Beneficiaries |   |    |   |        |   |
|-------------|--|-------------------|-------------------------------|-----------------------------|-------------------------|---|----|---|--------|---|
|             |  |                   |                               |                             | SC                      |   | ST |   | Others |   |
|             |  |                   |                               |                             | M                       | F | M  | F | M      | F |
| Keonjhar    | Seed production techniques in solanaceous crops (Tomato and brinjal) | Crop              | Seed production               | 5                           |                         |   |    |   |        |   |
| Keonjhar    | Honey bee keeping- an alternate livelihood option                    | Enterprise        | Alternative livelihood option | 5                           |                         |   |    |   |        |   |
| Keonjhar    | Techniques of Compost preparation and its proper application         | Enterprise        | Alternative livelihood option | 5                           |                         |   |    |   |        |   |
| Keonjhar    | Organic farming for sustainable agriculture                          | Enterprise        | Alternative livelihood option | 5                           |                         |   |    |   |        |   |
| Keonjhar    | Backyard breeding and rearing of common ornamental fishes            | Enterprise        | Alternative livelihood option | 5                           |                         |   |    |   |        |   |

**Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs**

| Name of KVK | Training title | Self employed after training |                 |                            | Number of persons employed else where |
|-------------|----------------|------------------------------|-----------------|----------------------------|---------------------------------------|
|             |                | Type of units                | Number of units | Number of persons employed |                                       |
|             |                |                              |                 |                            |                                       |
|             |                |                              |                 |                            |                                       |

**Table 5.5. Sponsored Training Programmes**

| Name of KVK | Title | Thematic area (as given in abbreviation table) | Sub-theme (as per column no 5 of Table T1) | Client (FW/ RY/ IS) | Duration (days) | No. of courses | No. of Participants |   |    |   |    |   | Sponsoring Agency | Fund received for training (Rs.) |
|-------------|-------|--|--|---------------------|-----------------|----------------|---------------------|---|----|---|----|---|-------------------|----------------------------------|
|             |       |  |  |                     |                 |                | Others              |   | SC |   | ST |   |                   |                                  |
|             |       |  |  |                     |                 |                | M                   | F | M  | F | M  | F |                   |                                  |
|             |       |  |  |                     |                 |                |                     |   |    |   |    |   |                   |                                  |
|             |       |  |  |                     |                 |                |                     |   |    |   |    |   |                   |                                  |

**Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members**

| Name of KVK | Title | Thematic area (as given in abbreviation table) | Sub-theme (as per column no 5 of Table T1) | Client (FW/ RY/ IS) | Duration (days) | No. of courses | No. of Participants |   |    |   |    |   | Sponsoring Agency | Fund received for training (Rs.) |
|-------------|-------|--|--|---------------------|-----------------|----------------|---------------------|---|----|---|----|---|-------------------|----------------------------------|
|             |       |  |  |                     |                 |                | Others              |   | SC |   | ST |   |                   |                                  |
|             |       |  |  |                     |                 |                | M                   | F | M  | F | M  | F |                   |                                  |
|             |       |  |  |                     |                 |                |                     |   |    |   |    |   |                   |                                  |
|             |       |  |  |                     |                 |                |                     |   |    |   |    |   |                   |                                  |

**Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)**

| Name of KVK | Title of the training | No. of trainees | Change in knowledge (Score) |       | Change in Production (q/ha) |       | Change in Income (Rs) |       | Impact on<br>1. Area expanded (ha)<br>2. No. of farmers adopted (no.)<br>3. % change in knowledge, production & Income |
|-------------|-----------------------|-----------------|-----------------------------|-------|-----------------------------|-------|-----------------------|-------|--|
|             |                       |                 | Before                      | After | Before                      | After | Before                | After |  |
|             |                       |                 |                             |       |                             |       |                       |       |  |
|             |                       |                 |                             |       |                             |       |                       |       |  |



## 6. EXTENSION ACTIVITIES

| Name of the KVK | Activity                               | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants |   |                 |   |                     |   | Remarks |         |             |
|-----------------|--|------------------------------|------------------------------|------------------------|---|-----------------|---|---------------------|---|---------|---------|-------------|
|                 |  |                              |                              | Farmers (Others)       |   | SC/ST (Farmers) |   | Extension Officials |   | Purpose | Topic s | Crop Stages |
|                 |  |                              |                              | M                      | F | M               | F | M                   | F |         |         |             |
| Keonjhar        | Field Day                              | 32                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Kisan Mela                             | 2                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Kisan Ghosthi                          | 4                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Exhibition                             | 2                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Film Show                              | 45                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Method Demonstrations                  | 20                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Farmers Seminar                        | 2                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Workshop                               | 1                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Group meetings                         | 22                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Lectures delivered as resource persons | 50                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Newspaper coverage                     | 18                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Radio talks                            | 15                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | TV talks                               | 4                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Popular Articles                       | 12                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Extension Literature                   | 10                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Farm Advisory Services                 | -                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Scientific visit to farmers field      | 160                          |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Farmers Visit to KVK                   | 350                          |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Diagnostic Visits                      | 60                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Exposure Visits                        | 10                           |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Ex-trainees Sammelan                   | 2                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Soil Health Camp                       | 1                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Animal Health Camp                     | 1                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Agri Mobile Clinic                     | -                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Soil Test Campaigns                    | 4                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Farm Science Club conveners meet       | 1                            |                              |                        |   |                 |   |                     |   |         |         |             |
| Keonjhar        | Self Help Group conveners meetings     | 4                            |                              |                        |   |                 |   |                     |   |         |         |             |

## 7. Production and supply of Technological products

### 7.1 SEED production

| KVK Name | Major group/class | Crop        | Variety                 | Type of produce<br>(for Seed produced<br>type here SD; For<br>Planting Material<br>type here PM) | Quantity | Unit for<br>quantity of<br>produces<br>(qtl for SD and<br>Nos for PM) | Value<br>(Rs.) | Provided to<br>No. of<br>Farmers |
|----------|-------------------|-------------|-------------------------|--|----------|---|----------------|----------------------------------|
| Keonjhar | Cereals           |             |                         |  |          |   |                |                                  |
| Keonjhar |                   | Rice        | Khandagiri              | SD   | 35       | Qtl.  | 35,000         | OSSC                             |
| Keonjhar |                   |             | Lalat                   | SD   | 25       | Qtl.  | 25,000         | OSSC                             |
| Keonjhar | Green manure      | Dhanicha    | -                       | SD   | 10       | Qtl   | 20,000         | OSSC                             |
| Keonjhar | Fruits            | Papaya      | Ranchi Dwarf            | PM   | 3000     | Nos   | 15,000         | 200                              |
| Keonjhar | Vegetables        | Tomato      | BT-10                   | PM   | 50,000   | Nos   | 15000          | 100                              |
| Keonjhar |                   | Chilli      | Utkal Ava               | PM   | 5000     | Nos   | 1500           | 100                              |
| Keonjhar |                   | Cabbage     | Riya Hybrid             | PM   | 5000     | Nos   | 2500           | 50                               |
| Keonjhar |                   | Brinjal     | Green star              | PM   | 10000    | Nos   | 5000           | 150                              |
| Keonjhar |                   | Cauliflower | Kashmiri, white diamond | PM   | 5000     | Nos   | 5000           | 50                               |
| Keonjhar | Drumstick         | Drumstick   | PKM-1                   | PM   | 3000     | Nos   | 15000          | 400                              |
| Keonjhar | Graft             | Mango graft | Amrapali, himsagar      | PM   | 5000     | Nos   | 90000          | 100                              |
| Keonjhar | Flower seedling   | Marigold    | Pusa narangi, inka      | PM   | 5000     | Nos   | 2000           | 50                               |

### 7.2 Planting Material production

| KVK Name | Major group/class | Name<br>of the crop | Date of<br>sowing | Date of<br>harvest | Area<br>(ha) | Details of production |                    |      | Amount (Rs.)      |                 | Remarks |
|----------|-------------------|---------------------|-------------------|--------------------|--------------|-----------------------|--------------------|------|-------------------|-----------------|---------|
|          |                   |                     |                   |                    |              | Variety               | Type of<br>Produce | Qty. | Cost of<br>inputs | Gross<br>income |         |
| Keonjhar |                   |                     |                   |                    |              |                       |                    |      |                   |                 |         |

### 7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

| KVK Name | Name of the Product              | Qty  | Amount (Rs.)   |              | Remarks |
|----------|----------------------------------|------|----------------|--------------|---------|
|          |                                  |      | Cost of inputs | Gross income |         |
| Keonjhar | BIOAGENTS                        |      |                |              |         |
| Keonjhar | BIOFERTILIZERS<br>(Vermicompost) | 100q | 24000          | 50000        |         |
| Keonjhar | BIOFERTILIZERS<br>(Vermin)       | 50kg | 3000           | 20000        |         |

|          |                |           |       |       |  |
|----------|----------------|-----------|-------|-------|--|
| Keonjhar | Mushroom spawn | 20000 nos | 42000 | 60000 |  |
| Keonjhar | Mushroom       | 300kg     | 15000 | 30000 |  |
| Keonjhar | BIO PESTICIDES |           |       |       |  |

#### 7.4 Livestock and fisheries production

| KVK Name | Name of the animal / bird / aquatics | Details of production |                 |       | Amount (Rs.)   |              | Remarks |
|----------|--------------------------------------|-----------------------|-----------------|-------|----------------|--------------|---------|
|          |                                      | Breed                 | Type of Produce | Qty.  | Cost of inputs | Gross income |         |
| Keonjhar | Cattle                               |                       |                 |       |                |              |         |
| Keonjhar | Buffalo                              |                       |                 |       |                |              |         |
| Keonjhar | Sheep and Goat                       |                       |                 |       |                |              |         |
| Keonjhar | Poultry                              | Vanaraja & Gramapriya | Chicks          | 500   | 17500          | 22500        |         |
| Keonjhar | Duckery                              | Khaki Campbel         | Chicks          | 500   | 19000          | 22500        |         |
| Keonjhar | Fisheries                            | Catla, Rahu, Mirgal   | Fish            | 300kg | 12000          | 21000        |         |
| Keonjhar | Ornamental fish                      | Ornamental            | Frys            | 250   | 200            | 1500         |         |
|          | Others (Specify)                     |                       |                 |       |                |              |         |

## 8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES/NO, If yes, then Yes

Year of establishment : - 2007

### 8.1 Details of soil & water samples analyzed so far :

| KVK Name | Type         | No. of Samples | No. of Farmers | No. of Villages | Amount released | Resources to be generated |
|----------|--------------|----------------|----------------|-----------------|-----------------|---------------------------|
| Keonjhar | Soil Sample  | 500            | 250            | 40              | -               | 2500                      |
| Keonjhar | Water Sample | -              | -              | -               | -               | -                         |

## 9. Rainwater Harvesting, if available.

### Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

| Name of KVK | Date | Title of the training course | Client (PF/RV/EF) | No. of Courses | No. of Participants including SC/ST | No. of SC/ST Participants |
|-------------|------|------------------------------|-------------------|----------------|-------------------------------------|---------------------------|
|-------------|------|------------------------------|-------------------|----------------|-------------------------------------|---------------------------|

|          |  |  |  |  | Male | Female | Total | Male | Female | Total |
|----------|--|--|--|--|------|--------|-------|------|--------|-------|
| Keonjhar |  |  |  |  |      |        |       |      |        |       |
| Keonjhar |  |  |  |  |      |        |       |      |        |       |
| Keonjhar |  |  |  |  |      |        |       |      |        |       |

## 10. Kisan Mobile Advisory (KVK-KMA)

| KVK Name | No. of messages to be sent | No. of beneficiaries |            | Major recommendations  |
|----------|----------------------------|----------------------|------------|--|
|          |                            | Farmers              | Ext. Pers. |  |
| Keonjhar |                            |                      |            |  |
| Keonjhar | 200                        | 960                  | 48         | INM,IPM,IFS, Production and management, Mushroom, Weed management, Variety etc., |

## 11. Details of SAC Meeting

| KVK Name | Date of SAC meeting | No. of SAC members attended | Major recommendations |
|----------|---------------------|-----------------------------|-----------------------|
| Keonjhar | 15.09.2013          | 30                          |                       |

## 12. Literature to be Last Developed/Published (with full title, author & reference)

### 12.1 KVK Newsletters

| KVK Name | Date of start | Periodicity           | Number of copies to be printed | Number of copies to be distributed |
|----------|---------------|-----------------------|--------------------------------|------------------------------------|
| Keonjhar | June          | April 2013-June 2013  | 500                            | 500                                |
| Keonjhar | September     | July 2013 – Sept 2013 | 500                            | 500                                |
| Keonjhar | December      | Oct 2013 – Dec 2013   | 500                            | 500                                |
| Keonjhar | March         | Jan 2014 – Mar 2014   | 500                            | 500                                |

### 12.2 Details of Electronic Media to be Produced

| KVK Name | Type of media (CD / VCD / DVD / Audio-Cassette) | Title of the programme | Number |
|----------|---|------------------------|--------|
| Keonjhar | CD  | Medicinal plants       | 1      |

### 12.3 PUBLICATIONS

| Category             | Number | Date of start | Periodicity             | Number of copies to be printed | Number of copies to be distributed |
|----------------------|--------|---------------|-------------------------|--------------------------------|------------------------------------|
| Research Paper       |        | Type          | Title                   | Author's name                  | Number of copies                   |
| Technical bulletins  | 4      |               |                         | 100                            | 100                                |
| Technical reports    | 5      |               |                         | 20                             | 20                                 |
| Popular article      | 8      |               |                         | 100                            | 100                                |
| News paper coverage  | 16     |               |                         | 50                             | 50                                 |
| <b>Year Planner</b>  | 1      | March 2012    | April2013-<br>march2014 | 200                            | 190                                |
| Others (pl. specify) |        |               |                         |                                |                                    |

### 13. Convergence with various agricultural schemes (Central & State sponsored)

| KVK Name | Name of scheme        | Name of Agency (Central/state) | Funds received (Rs.) | Activities organized | Operational Area | Remarks |
|----------|-----------------------|--------------------------------|----------------------|----------------------|------------------|---------|
| Keonjhar | ATMA                  |                                |                      |                      |                  |         |
| Keonjhar | MNREGA                |                                |                      |                      |                  |         |
| Keonjhar | NHM                   |                                |                      |                      |                  |         |
| Keonjhar | RKVY                  |                                |                      |                      |                  |         |
| Keonjhar | DRDA                  |                                |                      |                      |                  |         |
| Keonjhar | Zila Panchyat         |                                |                      |                      |                  |         |
| Keonjhar | Seed Village          |                                |                      |                      |                  |         |
| Keonjhar | NAIP                  |                                |                      |                      |                  |         |
| Keonjhar | Climate Change        |                                |                      |                      |                  |         |
| Keonjhar | Others (Plz. Specify) |                                |                      |                      |                  |         |

**14. Utilization of Farmers Hostel.**

Accommodation available (No. of beds):      Damaged condition

| KVK Name | Months | Year | Title of the training course | Duration of training | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|----------|--------|------|------------------------------|----------------------|------------------------|----------------------------|--------------------------------|
| Keonjhar |        |      |                              |                      |                        |                            |                                |
| Keonjhar |        |      |                              |                      |                        |                            |                                |
| Keonjhar |        |      |                              |                      |                        |                            |                                |

**15. Utilization of Staff Quarters.**

| KVK Name | Year of construction | Year of allotment | No. of quarters occupied | No. of quarters vacant | Reasons for vacant quarters, if any     |
|----------|----------------------|-------------------|--------------------------|------------------------|---|
| Keonjhar |                      | 2005              | 1                        | -                      |   |
| Keonjhar | 2011 (3 nos.)        | 2011              | -                        | 3                      | Due to non-availability of supply water |

**16. Details of KVK Agro-technological Park –**

**a) Have you prepared layout plan, where sent?**

| Sr .No. | Name of KVK | Technology park proposal developed(yes/no) | If yes, where sent?(ZPD/DES/any other,pl. sp.) |
|---------|-------------|--|--|
|         |             |  |  |
|         |             |  |  |

**b) Details about Technology Park**

| Name of KVK | Name of Component of Park | Detail Information (If established) |
|-------------|---------------------------|-------------------------------------|
| Keonjhar    | Crop Cafeteria            |                                     |
| Keonjhar    | Technology Desk           |                                     |
| Keonjhar    | Visitors Gallery          |                                     |
| Keonjhar    | Technology Exhibition     |                                     |
| Keonjhar    | Technology Gate-Valve     |                                     |

**c). Crop Cafeteria-**

| Sr. No. | Theme of Crop Cafeteria | No. of Crop Cafeteria |
|---------|-------------------------|-----------------------|
|         |                         |                       |
|         |                         |                       |
|         |                         |                       |

**17. Farm Innovators- list of 10 Farm Innovators from the District**

| Sr. No. | Name of kvk | Name of Farm Innovator | Name of the Innovation        | Address of the farmer with Mobile No.      |
|---------|-------------|------------------------|-------------------------------|--|
| 1       | Keonjhar    | Ratnakar Mohanta       | Modified low cost cono weeder | At-Hatikucha, P.O.- Nuagaon, Dist-Keonjhar |

**18. KVK interaction with progressive farmers-** each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

| Sr. No. | Date and month of interaction programme with progressive farmers | No. of progressive farmers to be participated |
|---------|--|---|
| 1       | May 2013   | 25  |
| 2       | August 2013  | 25  |
| 3       | Septmber 2013  | 25  |
| 4       | February 2014  | 25  |

## 19. Outreach of KVK

| Name of KVK | Number of Blocks |           | Number of Villages |           |
|-------------|------------------|-----------|--------------------|-----------|
|             | Intensive        | Extensive | Intensive          | Extensive |
| Keonjhar    | 7                | 8         | 61                 | 185       |

Intensive- OFTs, FLDs etc

Extensive- Literatures, Publications, Awareness programmes etc.

## 20. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

| Sr. No. | Name of crop under Technology demonstration | Area under the programme | No. of Extension Activities | Remarks / Lessons learnt |
|---------|---|--------------------------|-----------------------------|--------------------------|
| 1       | Groundnut                                   | 5 ha                     | 2                           |                          |

## 21. KVK Ring

| Sr. No. | Name of Ring Partner | Sharing Activity   | Lessons learnt/ Experiences gained. |
|---------|----------------------|--|-------------------------------------|
| 1       | KVK, Deogarh         | Sharing of soil testing facility, sharing of man power, sharing quality planting material and machinery etc. |                                     |
| 2       | KVK, Mayurbhanj-II   |  |                                     |

## 22. Important visitors to KVK

| Name of KVK | Name of Visitor   | Date of Visit | Remarks |
|-------------|---|---------------|---------|
| Keonjhar    | Prof. Sankarsan Nanda, DEE, OUAT, Bhubaneswar                                 |               |         |
| Keonjhar    | Er. Subarna Naik, MLA, Sadar  |               |         |
| Keonjhar    | Dr. Anupam Mishra, ZPD, Jabalpur  |               |         |
| Keonjhar    | Sri R.L. Jamuda, Principal Secretary, Agriculture Department, Govt. of Odisha |               |         |
| Keonjhar    | Mr. Bishnu Prasad Sahu, Collector-cum-D.M, Keonjhar                           |               |         |



### 23. Status of KVK Website:

| Sr. No. | Name of KVK | Date of start of website | No. of updates since inception | No. of visitors |
|---------|-------------|--------------------------|--------------------------------|-----------------|
| 1       | Keonjhar    | 23.11.2010               | 3                              |                 |

### 24. Status of RTI

| Sr. No. | Name of KVK | No. of RTI applications received | No. of RTI appeals |
|---------|-------------|----------------------------------|--------------------|
| 1       | Keonjhar    |                                  |                    |

### 25. E-CONNECTIVITY (ERNET Lab)

| Name of KVK | Number and Date of Lecture delivered from KVK Hub |                      |                              |                               | No of lectors organized by KVK | Brief achievements | Remarks |
|-------------|---|----------------------|------------------------------|-------------------------------|--------------------------------|--------------------|---------|
|             | Date  | No of Staff attended | No of call received from Hub | No of Call mate to Hub by KVK |                                |                    |         |
| Keonjhar    |   |                      |                              |                               |                                |                    |         |

### 26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

| Name of KVK | Types of Activities          | No. of Activities | Number of Participants | Related crop/livestock technology   |
|-------------|------------------------------|-------------------|------------------------|---|
| Keonjhar    | Gosthies                     |                   |                        |   |
| Keonjhar    | Farmer Scientist interaction | 1                 | 40                     | Related to crop   |
|             | Road show                    | 1                 | 40                     | Soil health campaign  |
| Keonjhar    | Film show                    | -                 | -                      | -   |
| Keonjhar    | Focus group discussion       | 1                 | 40                     | Off-season vegetable cultivation  |
| Keonjhar    | Awareness camp               | 4                 | 160                    | Safe use of insecticide, Seed treatment campaign, Method of Weedicide application, Soil test campaign |
| Keonjhar    | FIG meeting                  |                   |                        |   |
| Keonjhar    | Ex-trainee Sameelan          |                   |                        |   |
| Keonjhar    | Farm Visit                   |                   |                        |   |

|          |   |     |     |  |
|----------|---|-----|-----|--|
| Keonjhar | Diagnostic Practical's                              |     |     |  |
| Keonjhar | Distribution of Literature (No.)                    | 200 | 200 |  |
| Keonjhar | Distribution of Seed (q)                            |     |     |  |
| Keonjhar | Distribution of Planting materials (No.)            |     |     |  |
| Keonjhar | Bio Product distribution (Kg)                       |     |     |  |
| Keonjhar | Bio Fertilizers (q)                                 |     |     |  |
| Keonjhar | Distribution of fingerlings (No)                    |     |     |  |
| Keonjhar | Distribution of Livestock specimen (No.)            |     |     |  |
| Keonjhar | Total number of farmers visited the technology week | 7   | 280 |  |

## 27. INTERVENTIONS ON DROUGHT MITIGATION

### Introduction of alternate crops/varieties

| Sl. No. | Name of KVK | Crops/cultivars | Area (ha) | Number of beneficiaries |
|---------|-------------|-----------------|-----------|-------------------------|
| 1       | Keonjhar    |                 |           |                         |
| 2       | Keonjhar    |                 |           |                         |

### Major area coverage under alternate crops/varieties

| Sl. No. | Name of KVK | Crops           | Area (ha) | Number of beneficiaries |
|---------|-------------|-----------------|-----------|-------------------------|
| 1       | Keonjhar    | Oilseeds        | 15        | 25                      |
| 2       | Keonjhar    | Pulses          | 15        | 25                      |
| 3       | Keonjhar    | Cereals         | 10        | 20                      |
| 4       | Keonjhar    | Vegetable crops |           |                         |
| 5       | Keonjhar    | Tuber crops     | 8         | 20                      |
| 6       | Keonjhar    | Fruits          |           |                         |
| 7       | Keonjhar    | Spices          |           |                         |
| 8       | Keonjhar    | Cotton          |           |                         |
|         |             | <b>Total</b>    | <b>48</b> | <b>90</b>               |

**Farmers-scientists interaction on livestock management**

| Sl. No. | Name of KVK | Livestock components       | Number of interactions | No.of participants |
|---------|-------------|----------------------------|------------------------|--------------------|
| 1       | Keonjhar    | Dairy Management           |                        |                    |
| 2       | Keonjhar    | Disease management         | 1                      | 30                 |
| 3       | Keonjhar    | Feed and fodder technology | 1                      | 40                 |
| 4       | Keonjhar    | Poultry management         | 2                      | 50                 |

**Animal health camps to be organized**

| Name of KVK | Number of camps | No.of animals | No.of farmers |
|-------------|-----------------|---------------|---------------|
| Keonjhar    | 1               | 150           | 150           |

**Seed distribution in drought hit states**

| Name of KVK | Crops | Quantity (qtl) | Coverage of area (ha) | Number of farmers |
|-------------|-------|----------------|-----------------------|-------------------|
|             |       |                |                       |                   |

**Seedlings and Saplings to be distributed**

| Name of KVK      | Crops   | Quantity (No.s) | Coverage of area (ha) | Number of farmers |
|------------------|---|-----------------|-----------------------|-------------------|
| <b>Seedlings</b> |   |                 |                       |                   |
| Keonjhar         | Papaya, Mango, Tomato, Chilli, Cabbage, Brinjal | 77,000          | 7 ha                  | 1000              |

**Bio-control Agents**

| Name of KVK | Bio-control Agents | Quantity (q) | Coverage of Area (ha) | No. of farmers |
|-------------|--------------------|--------------|-----------------------|----------------|
|             |                    |              |                       |                |

**Bio-Fertilizer**

| Name of KVK | Bio-Fertilizer | Quantity (kg) | Coverage of Area (ha) | No. of farmers |
|-------------|----------------|---------------|-----------------------|----------------|
| Keonjhar    | Vermicompost   | 10000         | -                     | 100            |

**Verns Produced**

| Name of KVK | Verns Produced | Quantity (q) | Coverage of Area (ha) | No. of Farmers |
|-------------|----------------|--------------|-----------------------|----------------|
| Keonjhar    | Vernins        | 0.5          |                       | 30             |

**Large scale adoption of resource conservation technologies**

| Name of KVK | Crops/cultivars and of resource conservation technologies introduced | Area (ha) | Number of farmers |
|-------------|--|-----------|-------------------|
| Keonjhar    | Paira cropping in rice fallow  | 10        | 50                |

**Awareness Campaign**

| Name of KVK | Meetings |                | Gosthies |                | Field days |                | Farmers fair |                | Exhibition |                | Film show |                |
|-------------|----------|----------------|----------|----------------|------------|----------------|--------------|----------------|------------|----------------|-----------|----------------|
|             | No.      | No. of farmers | No.      | No. of farmers | No.        | No. of farmers | No.          | No. of farmers | No.        | No. of farmers | No.       | No. of farmers |
| Keonjhar    | 1        | 25             | 1        | 30             | 2          | 60             | 1            | 100            | 1          | 50             | 6         | 150            |

**28. Proposal of NICRA****1. Technologies to be Demonstrated**

| Name of Technology | Name of Crop | Area (ha.) | Yield | % change in Yield | No. of farmers benefitted |
|--------------------|--------------|------------|-------|-------------------|---------------------------|
|                    |              |            |       |                   |                           |
|                    |              |            |       |                   |                           |
|                    |              |            |       |                   |                           |

**2. Proposed Extension Activities in NICRA Village**

| Name of Activity | Number of Participants/Beneficiaries to be Covered |            |          |       |
|------------------|--|------------|----------|-------|
|                  | Farmers  | Farm Women | Official | Total |
|                  |  |            |          |       |
|                  |  |            |          |       |
|                  |  |            |          |       |

### 3. Proposed Training Activities in NICRA Village

| Name of Activity | Number of Participants/Beneficiaries to be Covered |            |          |       |
|------------------|--|------------|----------|-------|
|                  | Farmers  | Farm Women | Official | Total |
|                  |  |            |          |       |

### 4. Proposed Activities for Fodder Bank

| Established (Years) | Capacity | Current Status |
|---------------------|----------|----------------|
|                     |          |                |

### 5. Proposed Activities for Seed Bank

| Established (Years) | Capacity | Current Status |
|---------------------|----------|----------------|
|                     |          |                |

### 6. Public Representative/District Administration Visited in NICRA Village

| Name of Representative/Officer | Designation | Date of Visit |
|--------------------------------|-------------|---------------|
|                                |             |               |

7. Feedback of Farmers for future improvement, if any.

8. Good Action Photographs after work progress (step-wise)

29. Proposed works under NAIP (in NAIP monitoring format)

### 30. Status of Revolving Funds (Rs.)

| KVK Name | Account No. | Opening balance (Rs.) | Closing balance (Rs.) | Current status (Rs.) |
|----------|-------------|-----------------------|-----------------------|----------------------|
| Keonjhar |             |                       |                       |                      |
| Keonjhar |             |                       |                       |                      |
| Keonjhar |             |                       |                       |                      |

### 31. Awards & Recognitions

| KVK Name | Name of award /awardee | Type of award<br>(Ind./Group/Inst./Farmer) | Awarding Organizations | Amount received |
|----------|------------------------|--|------------------------|-----------------|
| Keonjhar |                        |  |                        |                 |
| Keonjhar |                        |  |                        |                 |
| Keonjhar |                        |  |                        |                 |

### 32. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

| Sr. no. | Name of KVK | No. of success stories | No. of case studies |
|---------|-------------|------------------------|---------------------|
|         |             |                        |                     |

### 33. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)