

**ACHIEVEMENT REPORT OF KVK, MAYURBHANJ-II, JASHIPUR
APRIL, 2018 TO MARCH, 2019**

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1. (i) Training for farmers & farm women:

| KVK | Discipline | No. conducted | No. of beneficiary | | | | |
|---------------|---------------------|---------------|--------------------|------------|-----------|------------|------------|
| | | | Male | Female | SC | ST | Total |
| Mayurbhanj-II | Crop protection | 7 | 125 | 50 | 10 | 130 | 175 |
| | Horticulture | 6 | 76 | 74 | 0 | 120 | 150 |
| | Home Science | 8 | 0 | 200 | 13 | 132 | 200 |
| | Extension Education | 2 | 27 | 28 | - | 55 | 55 |
| | Agril. Engineering | 7 | 130 | 45 | 14 | 106 | 175 |
| Total | | 30 | 358 | 397 | 37 | 543 | 755 |

(ii) Training for rural youths:

| KVK | Discipline | No. conducted | No. of beneficiary | | | | |
|---------------|---------------------|---------------|--------------------|-----------|-----------|-----------|-----------|
| | | | Male | Female | SC | ST | Total |
| Mayurbhanj-II | Horticulture | 2 | 16 | 14 | 8 | 12 | 30 |
| | Home Science | 2 | 12 | 18 | 19 | 3 | 30 |
| | Extension Education | | | | | | |
| | Agril. Engineering | | | | | | |
| | Total | | 4 | 28 | 32 | 27 | 15 |

(iii) Training for Extension personnel:

| KVK | Discipline | No. conducted | No. of beneficiary | | | | |
|---------------|---------------------|---------------|--------------------|-----------|-----------|-----------|-----------|
| | | | Male | Female | S.C. | S.T. | Total |
| Mayurbhanj-II | Crop protection | | | | | | |
| | Horticulture | | | | | | |
| | Home Science | 2 | 3 | 17 | 6 | 3 | 20 |
| | Extension Education | 2 | 24 | 4 | 4 | 6 | 28 |
| | Agril. Engineering | 2 | 45 | 9 | 3 | 30 | 54 |
| | Total | | 6 | 71 | 30 | 13 | 39 |

(iv) Sponsored training: NIL

| KVK | Discipline | No. conducted | Duration (days) | No. of beneficiary | | | | | Sponsoring agency |
|---------------|---------------------|---------------|-----------------|--------------------|--------|----|----|-------|-------------------|
| | | | | Male | Female | SC | ST | Total | |
| Mayurbhanj-II | Crop protection | | | | | | | | |
| | Horticulture | | | | | | | | |
| | Home Science | | | | | | | | |
| | Extension Education | | | | | | | | |
| | Agril. Engineering | | | | | | | | |
| | Others(Specify) | | | | | | | | |
| | Total | | | | | | | | |

2. (i) On-Farm Testing:

| KVK | Discipline | No. conducted | Area (ha) | Enterprise (no.) | No. of beneficiary | | | | |
|---------------|---------------------|---------------|-----------|--|--------------------|-----------|-----------|-----------|-----------|
| | | | | | Male | Female | SC | ST | Total |
| Mayurbhanj-II | Crop protection | 1 | 1 | - | 5 | 0 | 1 | 3 | 5 |
| | Horticulture | 1 | 0.4 | - | 5 | 0 | 3 | 0 | 5 |
| | Home Science | 2 | - | Assessment of planting methods of pigeon pea | 0 | 10 | 0 | 9 | 10 |
| | Extension Education | 1 | - | - | 33 | 7 | 2 | 18 | 40 |
| | Agril. Engineering | 2 | 1.4 | - | 10 | 0 | 5 | 0 | 10 |
| | Total | | 7 | 2.8 | 100 | 53 | 17 | 11 | 30 |

(ii) Salient achievements of On –Farm Testing (OFT) (Best three):

| KVK | Crop/ Component | Season | Technology Assessed (Give in detail) | Farmers' practice (Give in detail) | OFT yield (q/ha) | Yield in farmers' practice (q/ha) | % increase in yield |
|-------------------|--------------------|--------|---|---|--|--|--|
| Mayurbhanj- II | Pigeon pea | Kharif | Assessment of planting methods of pigeon pea TO ₁ :Planting behind the plough TO ₂ :Use of tractor drawn 9-rows seed cum fertilizer drill | Broadcasting | TO ₁ :9.8 TO ₂ :11.6 | 7.5 | TO ₁ :30.6 TO ₂ :54.6 |
| | Paddy | Kharif | Assessment of Rice variety "Hasanta" for BPH management TO ₁ :Pratikhya TO ₂ :Hasanta | Swarna (MTU-7029) | TO ₁ :34.7 TO ₂ :37.2 | 32.4 | TO ₁ :7.1 TO ₂ :14.8 |
| | Brinjal | Rabi | Assessment of Integrated Nutrient Management in Tomato TO ₁ : FYM 5 ton/ha and inoculation of bio-fertilizer @ 4 kg each of Azotobacter & Azospirillum per ha + 75% of STBF TO ₂ : FYM 5 ton /ha and inoculation of bio-fertilizer @ 4 kg each of Azotobacter & Azospirillum per ha + 100% STBF | Imbalance dose of fertilizer (More N and less P &K) | TO ₁ :315 TO ₂ :324 | 254 | TO ₁ :24 TO ₂ :27.5 |

3. (i) Frontline demonstration (general):

| KVK | Discipline | No. conducted | Area (ha.) | Enterprise (no.) | No. of beneficiary | | | | |
|-------------------|---------------------|---------------|------------|------------------|--------------------|-----------|-----------|-----------|-----------|
| | | | | | Male | Female | SC | ST | Total |
| Mayurbhanj- II | Crop protection | | | | | | | | |
| | Horticulture | 2 | 0.8 | - | 20 | 0 | 1 | 1 | 20 |
| | Home Science | 4 | 0.4 | 200 | 0 | 40 | 0 | 39 | 40 |
| | Extension Education | | | | | | | | |
| | Agril. Engineering | 4 | 7.0 | - | 36 | 4 | 28 | 0 | 40 |
| | Others(Specify) | | | | | | | | |
| | Total | | 10 | 8.2 | 200 | 56 | 44 | 29 | 40 |

(ii) Salient achievements of frontline demonstration (general) (Best three):

| KVK | Title | Season | Intervention (Give in detail) | Farmers' practice (Give in detail) | FLD yield (q/ha) | Yield in farmers' practice (q/ha) | % increase in yield |
|---------------|---|------------|--|---|---------------------|--------------------------------------|---------------------|
| Mayurbhanj-II | Demonstration of nutritional garden for improving nutritional Security of farm family | Year round | Nutritional Gardening in proper lay out involving vegetables and fruits round the year | Traditional plants in backyard condition (Brinjal, Tomato, Cabbage and cauliflower) | 117.5 | 22.5 | 422 |
| Mayurbhanj-II | Demonstration on wilt tolerant brinjal variety, Swarna Shakti | Rabi | Cultivation of brinjal variety, Swarna Shakti. | Cultivation of local non-descriptive variety (Kanta baigan-local) | 428.0 | 243.0 | 76 |
| Mayurbhanj-II | Demonstration on wilt tolerant tomato variety, Utkal Pragyan | Rabi | Cultivation of tomato variety, Utkal Pragyan. | Use of local traditional variety (Lakshmi) | 302.0 | 233.0 | 30 |

4. (i) Cluster demonstration on oilseed & pulse:

| KVK | Season | Crop | Variety | Area (ha) | No. of beneficiary | | | | |
|---------------|------------|-----------|----------|-----------|--------------------|--------|----|----|-------|
| | | | | | Male | Female | SC | ST | Total |
| Mayurbhanj-II | Kharif-18 | Pigeonpea | PRG-176F | 20.0 | 34 | 11 | 0 | 45 | 45 |
| | Rabi-18-19 | Chickpea | NBeG 3 | 30.0 | 39 | 37 | 0 | 76 | 76 |

(ii) Salient achievements under Cluster demonstration on oilseed and pulse:

| KVK | Season | Crop | Intervention (Give in detail) | FLD yield (q/ha) | Local yield (q/ha) | % increase in yield over local |
|---------------|------------|------------|--|---------------------|-----------------------|--------------------------------|
| Mayurbhanj-II | Kharif-18 | Pigeon pea | <ul style="list-style-type: none"> Line sowing of arhar seed by tractor drawn seed cum fertilizer drill(spacing-60 cmX30cm) Soil test based nutrient management Application of post emergence weedicide quizalofop@2 ml /per lit of waterwithin 25 DAS Application of insecticideImidachlorprid 6% + Lambda Cyhalothrin 4% S.L. @2.5 ml/per10 lit of water Application of insecticideTriazophos+Deltamet hrin@2 ml/per lit of water | 11.6 | 6.26 | 85 |
| | Rabi-18-19 | Chickpea | <ul style="list-style-type: none"> Chick pea,VR-NBEG3,certified Seed pre treated with thiram, Rhizobium culture @500 gm/ per 8 kg of seed, Soil test based nutrient management application of fungicide (himil-mancozeb64 % +metalaxyl 8% W.P) @ 2 gm per lit of water | 12.35 | 7.6 | 62.0 |

5. Other extension activities:

| Sl.No. | Extension activities | No. of activities | No. of beneficiaries |
|--------|--|-------------------|----------------------|
| 1 | Exhibition | 1 | 1000 |
| 2 | Field days | 2 | 140 |
| 3 | Kissan Mela | - | - |
| 4 | Research – Extension interface meeting | 10 | 250 |
| 5 | Special day celebration(Agril. Education Day, Jai Kisan Jai Vigyan, MahilaKisan Divas, Women in Agriculture Day, World Food Day, World Meteorological Day, World Soil Day) | 4 | 290 |
| 6 | Soil Health Camp | - | - |
| 7 | Animal Health Camp | 2 | 52 |
| 8 | Soil test Campaign | - | - |
| 9 | Scientists visit to farmers' field | 72 | 739 |
| 10 | No. of farmers visit to KVK | 2175 | 2175 |
| 11 | Diagnostics visit | 40 | 230 |
| 12 | Group meeting | 76 | 1520 |
| 13 | KissanGosthi | - | - |
| 14 | Radio talk | - | - |
| 15 | Television talk | - | - |
| 16 | News paper Coverage | 9 | Mass |
| 17 | Exposure Visits | 15 | 675 |
| 18 | No. of farmers' club formed | - | - |
| 19 | Farmers' club meetings held | - | - |
| 20 | SHG convention | 1 | 100 |
| 21 | Ex-trainees sammelan | - | - |
| 22 | Film show | 20 | 425 |
| 23 | Lectures delivered as resource person | 18 | 522 |
| 24 | Web telecast | 3 | 450 |
| 25 | Swacch Bharat Activities | 4 | 220 |

6. Publication:

| Sl.No. | Item | No. | No. of copies printed |
|--------|---------------------|-----------|-----------------------|
| 1 | Book/ Booklet | 3 | 1500 |
| 2 | Leaflets | - | - |
| 3 | Poster/Flex | 4 | 4 |
| 4 | News letter | 1 | 500 |
| 5 | News paper Coverage | 9 | - |
| 6 | Popular Articles | 1 | - |
| 7 | Technical bulletins | - | - |
| 8 | Technical report | 8 | 72 |
| 9 | Training material | 23 | 575 |
| 10 | Year planner | - | - |
| 11 | CDs/ DVDs | - | - |
| | Total | 49 | 2651 |

7. Soil and water sample analysis:

| KVK | Soil | | | | Water | | | | Grand total (soil + water) | No. of soil health card issued |
|---------------|--------------------|---------------------------|----------------|-------|--------------------|---------------------------|----------------|-------|----------------------------|--------------------------------|
| | Tested in KVK lab. | Tested by Mrida Parikhyak | Tested outside | Total | Tested in KVK lab. | Tested by Mrida Parikhyak | Tested outside | Total | | |
| Mayurbhanj-II | - | - | 80 | 80 | - | - | - | - | 80 | 450 |

8. Scientific Advisory Committee Meeting:

| KVK | Kharif | | Rabi | |
|---------------|--------|---------------------|----------|---------------------|
| | Date | No. of participants | Date | No. of participants |
| Mayurbhanj-II | - | - | 11.03.19 | 25 |

9. Awareness programme on Pradhanmantri Phasal BimaYojana: NIL

| KVK | Date | Participants | | | | |
|-----|------|--------------|--------|----|----|-------|
| | | Male | Female | SC | ST | Total |
| | | | | | | |

10. Farmers' fair: NIL

| KVK | Date | Venue: Village & Block | Participants | | | | |
|-----|------|------------------------|--------------|--------|----|----|-------|
| | | | Male | Female | SC | ST | Total |
| | | | | | | | |

11. Kissan mobile advisory service (KMAS):

| KVK | No. of message sent | No. of farmers benefited | No. of extension functionary benefited |
|---------------|---------------------|--------------------------|--|
| Mayurbhanj-II | 44 | 1,28,347 | 219 |

12. HRD activities under taken: NIL

| Title of the HRD Programme | Date | No. of participants | Category of participation |
|----------------------------|------|---------------------|---------------------------|
| | | | |

13. NICRA Activities (For NICRA KVKs): NIL

| KVK | Name of NICRA Village | Climate vulnerability |
|-----|-----------------------|-----------------------|
| | | |

(Give module-wise results)

14. Skill development training:

| Sl. no. | Name of KVK | Name of the trade | Date of training | No. of participants | | | | |
|---------|---------------|-------------------|----------------------|---------------------|--------|----|----|-------|
| | | | | Male | Female | SC | ST | Total |
| 1 | Mayurbhanj-II | Home Science | 17.12.18 to 21.12.18 | 0 | 10 | 7 | 3 | 10 |

15. Seed & Quality Planting Material production:

(i) Achievement Kharif 2018: Paddy seed

| KVK | Variety | Class | Area (ha) | Production (q) | Yield (q/ha) |
|---------------|-------------------|-------|-----------|----------------|--------------|
| Mayurbhanj-II | Paddy(Pratikshya) | F | 2.0 | 67.0 | 33.5 |
| | Paddy(Naveen) | F | 1.0 | 23.0 | 23.0 |

(ii) Achievement Rabi 2018 -19: Paddy seed

| KVK | Variety | Class | Area (ha) | Production (q) | Yield (q/ha) |
|-----|---------|-------|-----------|----------------|--------------|
| | | | | | |

(iii) Achievement on seed production of non- paddy crops:

a. Pulses:

| KVK | Crop | Variety | Class | Area (ha.) | Production (q) | Yield (q/ha.) |
|---------------|------------|---------|----------|------------|----------------|---------------|
| Mayurbhanj-II | Pigeon pea | PGR 176 | Non seed | 0.2 | 0.8 | 4 |

b. Oilseed crops:

| KVK | Crop | Variety | Class | Area (ha.) | Production (q) | Yield (q/ha.) |
|---------------|-------|----------|----------|------------|----------------|---------------|
| Mayurbhanj-II | Toria | ANURADHA | Non seed | 0.4 | 1.5 | 3.75 |

c. Other crops:

| KVK | Crop | Variety | Class | Area (ha.) | Production (q) | Yield (q/ha.) |
|---------------|------------|----------|----------|------------|----------------|---------------|
| Mayurbhanj-II | Sweet corn | SUGAR-75 | Non seed | 0.1 | 1.3 | 13 |
| | Maize | P-3401 | Non seed | 0.4 | 8 | 20 |
| | Dhanicha | Local | Non seed | 0.2 | 0.8 | 4 |

19. Achievement on KKA activities: NA

| KVK | Name of activity | No. of farmers involved |
|-----|------------------|-------------------------|
| | | |

20. Achievement on any special programme(ARYA/Centre of Excellence etc./ other special projects): NA**21. Brief report on workshops, summer courses, symposia, training programmes attended by KVK scientists:**

| Name of the Scientist participated | Designation | Topic | Place | Period |
|------------------------------------|------------------------------------|--|------------------------------|--------------------------|
| Dr. Deepak Ku Mohanty | Senior Scientist &Head. | Orientation Training Programme on "Operational Modalities for KVKs | OUAT, Bhubaneswar | 09/07/2018 to 11/07/2018 |
| | | MDP training for newly recruited programme coordinator 1 st phase | NAARM, Hyderabad | 04/12/18 to 18/12/2018 |
| | | MDP training for newly recruited programme coordinator 2 nd phase | KVK, Ahamadnagar, Maharastra | 22/12/2018 to 31/12/2018 |
| | | MDP training for newly recruited programme coordinator 3 rd phase | ATARI, Kolkata | 04/01/2019 to 08/01/2019 |
| Mrs.Bidyutlata Mallick | Scientist(Home Science) | Food &Nutritional security of rural House hold –Role of women | MANGE ,Hyderabad | 27/08/18 to 30/08/18 |
| Mr. Debasish Panda | Farm Manager | Training cum workshop on plant protection | ATARI, Kolkata | 13/12/2018 to 15/12/2018 |
| | | Regional Workshop on PPV & FR | ATARI, Kolkata | 15/03/2019 |
| Sk. Samsul Hoda | Programme Assistant (Computer) | Training on Kissan Sandesh | KVK, Sambalpur | 10/08/2018 |
| Dr. Jagannath Patra | Scientist (Ag. Extension) | ISEE National Seminar | WBUAFS, Kolkata | 05/12/2018 to 07/12/2018 |
| Mr. Satya Niranjan Mishra | Programme Assistant (Horticulture) | Training on value chain analysis of Agri commodity in Tribal areas | OUAT, Bhubaneswar | 11/12/2018 to 18/12/2018 |

22. Research papers/ Books/ Book chapters/ Popular articles/ Technical Bulletins/Manuals developed: NIL**23. Awards and recognitions received during 2018-19: NIL****24. Externally funded projects operating and sanctioned: NIL**

| Name of the KVK | Project title | Funding agency | Total outlay (Rs in lakh) | Period (from to) |
|-----------------|---------------|----------------|---------------------------|------------------|
| | | | | |








25. Distinguished visitors, date and purpose of visit:

| Name of the visitor | Place of visit | Date of visit | Purpose of visit |
|------------------------|----------------|---------------|------------------------|
| Dr. Hemanta Sahoo, JDE | KVK, Jashipur | 11.03.19 | Attend the SAC meeting |
| Dr. Tushar Mohanty | KVK, Jashipur | 11.03.19 | Attend the SAC meeting |

26. Infrastructure developed including maintenance and renovation :

| Name of the KVK | Name of the infrastructure | Purpose | Funding agency | Status as on 31.03.2019 |
|-----------------|-------------------------------|---------------------|----------------|-------------------------|
| Mayurbhanj-II | Old quarter (Existing office) | Repair & renovation | ICAR | Completed |
| Mayurbhanj-II | Administrative building | Construction | ICAR | Not handed over |

Photographs

| | | |
|---|--|---|
|  |  |  |
| OFT-Line sowing of arhar by tractor drawn seed cum fertilizer drill | Field day Kharif-CFLD-Pulse (Pigeon pea) | Exposure visit |
|  |  |  |
| Celebration of Mahila Kissan Diwas | Rabi-CFLD-Pulse(chick pea) | OFT on 'Hasant' variety of Paddy |
|  |  |  |
| OFT on Assessment of value added product from Jackfruit | FLD on Tomato Variety Utkal Pragyan | FLD on Nutritional Garden |
|  |  |  |
| OFT on Assessment of rearing RIR poultry in backyard | FLD duckery | Pigeon pea in Instructional farm |

| | | |
|--|---|--|
|  |  |  |
| <p style="text-align: center;">Training IS</p> | <p style="text-align: center;">Vocational Training</p> | <p style="text-align: center;">TSP on paddy straw mushroom</p> |

**N.B. : Please attach good quality action photographs of each activity in JPEG format
Submit the word file of your report through mail ID ddeuebpdee4@gmail.com only**