

HOLY CROSS KRISHI VIGYA KENDRA HAZARIBAG

INTRODUCTION

Holy Cross Krishi Vigyan Kendra (KVK) is Vocational Training Institution designed to bridge the gap between the available technologies and facilities at one end and their application for increased production at the other.

Holy Cross Krishi Vigyan Kendra is sponsored by Indian Council of Agricultural Research (ICAR) New Delhi. It is located in the north east of Hazaribag town, at the foot of Kanary Hill. The operational area of Krishi Vigyan Kendra is Hazaribag district which comprises 16 blocks. The Kendra (KVK) promotes as well as co-ordinates the agricultural and allied activities in the farming communities, with a view to bring development among the underprivileged section in systematic, self generating and sustainable manner.

The KVK conducts vocational training for practicing farmers, rural youths and extension functionaries (Govt. deptt, NGO's etc). It also conducts frontline demonstrations on cereals, oilseeds, pulses, vegetables, farm implements, nutritional garden, livestock and adaptive trials both at KVK farm and in farmer's field. It also organizes / promotes other extension activities like field days, agricultural exhibitions, flowers shows, farmers fair, women in agricultural day, ex-trainees meet, farmer's meet, diagnostic services, advisory / enquiry services, video / film shows, slide shows, animal health services, vaccination camps, radio talks, farmers clubs and SHG's for women farmers.

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In order to conduct the various trainings, demonstrations, adaptive trials and other extension activities KVK functions in close collaboration with Govt. agencies, Training and Research Institutes / Stations, Public Sector, Agencies and NGO's. Apart from Hazaribag district Vocational Trainings are imparted to the farmers and rural youths of neighboring districts as well. All the activities of the KVK are designed / based on mandates prescribed by ICAR for the functioning of KVKs. The mandates are :

- (i) Collaborate with the subject matter specialists of the State Agricultural Universities / Scientists of the Regional Research Stations (NARP & State Extension Personnel) in On Farm Testing, Refining and Documenting technologies for developing region specific sustainable land use systems.
- (ii) Organise trainings to update the extension personnel within the area of operation with emerging advances in agricultural research on regular basis.
- (iii) Organise short and long term vocational training courses in agriculture and allied vocations for the rural youth with emphasis on "learning by doing" for generating self employment, On and Off campus training courses for the farmers are conducted with a view to increase production on their farms.
- (iv) Organizes Frontline Demonstrations in various crops to generate production data and get feedback information

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The KVK has designed all its activities based on the following thrust areas:

1. Productivity improvement of cereals, oilseeds, pulses fruits, vegetables & tropical tuber crops.
2. Nursery development.
3. Seed production of cereals, pulse & oilseeds.
4. Management technologies for dairy, poultry, piggery, goatry and introduction of improved goats, pigs & backyard poultry breed.
5. Training on various income generating activities for women.
6. Production technologies of Mushroom and its spawn.
7. Formation of Self Help Groups and farmer's clubs to ensure farmers participation and empowerment.
8. Development of seed production of important crops through seed villages.
9. Organic farming and vermi technology.
10. Integrated disease and pest management in different crops and vegetables.
11. Preventive and curative measures against common disease of cattle, goats, pigs and fowls.
12. Development of small nutritional garden in homestead land.
13. Soil testing and its importance to the farmers

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Facilities:

To meet training needs of the participants, we have adequate class rooms, laboratories, audio visual aids, library and demonstration units. These demonstration units are teaching and learning grounds for trainees and trainers.

Separate accommodation facilities are available for men and women. Farmer's hostel provides dormitory type of accommodation for 50 persons and ladies hostel has accommodation facilities for 30 women. Trainees are provided with suitable accommodation at reasonable rates fixed by the Institute. No tuition fee is charged from Hazaribag dist. Farmers / women or rural youth.

The KVK organizes sponsored programmes on request from Central/State Govt / agencies. NGO's and others with prior consultation with the Directress/ Programme Coordinator.

Holy Cross Krishi Vigyan Kendra, Hazaribag
Mob. No. : 065465-263083, 265229

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**TRAINING PROGRAMME
APRIL 2017 TO MARCH 2018**

| Sl. No. | Discipline | No. of programme | No. of participants |
|---|-----------------------------------|------------------|---------------------|
| FARMERS TRAINING | | | |
| 1 | CROP PRODUCTION | 17 | 420 |
| | ON | 12 | 270 |
| | OFF | | |
| 2 | HORTICULTURE | | |
| | ON | 18 | 445 |
| | OFF | 11 | 276 |
| 3 | PLANT PROTECTION | | |
| | ON | 13 | 282 |
| | OFF | 12 | 256 |
| | SOIL SCIENCE | | |
| | ON | 7 | 190 |
| | OFF | 16 | 410 |
| 3 | LIVESTOCK PRODUCTION & MANAGEMENT | | |
| | ON | 16 | 325 |
| | OFF | 16 | 385 |
| 4 | HOME SCIENCE | | |
| | ON | 20 | 410 |
| | OFF | 11 | 275 |
| 5 | MUSHROOM | | |
| | ON | 15 | 354 |
| | OFF | 6 | 102 |
| RURAL YOUTH TRAINING : ON CAMPUS | | | |
| 1 | HORTICULTURE | 2 | 50 |
| 2 | LIVESTOCK PRODUCTION & MANAGEMENT | 6 | 125 |
| 3 | HOME SCIENCE | 9 | 210 |
| 4 | MUSHROOM | 4 | 80 |
| EXTENSION PERSONNEL : ON CAMPUS | | | |
| 1 | CROP PRODUCTION | 4 | 95 |
| 2 | HORTICULTURE | 2 | 50 |
| 3 | PLANT PROTECTION | 3 | 65 |
| 4 | SOIL SCIENCE | 4 | 120 |
| 5 | LIVESTOCK PRODUCTION & MANAGEMENT | 1 | 20 |
| | Total | 225 | 5215 |

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**ON CAMPUS TRAINING PROGRAMME
FOR THE YEAR 2017 - 2018**

| Sl No. | Name of the course | No. of course | Duration (days) | Dates | No. of participants |
|---------------------------|---|---------------|-----------------|--|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| ON CAMPUS | | | | | |
| PRACTICING FARMERS | | | | | |
| APRIL 2017 | | | | | |
| 1 | Regulation of flowering in guava for better quality fruit production | 1 | 1 | 3 rd | 25 |
| 2 | Care and management of poultry birds during summer | 1 | 1 | 5 th | 20 |
| 3 | Safe handling of chemical pesticides | 1 | 1 | 5 th | 17 |
| 4 | Different methods of mushroom production | 2 | 1 | 7 th to 8 th 20 th to 21 st | 46 |
| 5 | Preparation of oral rehydration solution | 1 | 1 | 10 th | 15 |
| 6 | Preparation of infant food with quality protein maize | 1 | 1 | 11 th | 20 |
| 7 | Disease management in edible mushroom | 2 | 1 | 11 th & 14 th | 27 |
| 8 | Preparation of moringa leaf powder and its importance for anemia mothers and children | 1 | 1 | 15 th | 20 |
| 9 | Prevention of piglet anemia through prevention medicines | 1 | 1 | 19 th | 20 |
| 10 | Selection of fungicide & insecticide according to crop | 1 | 1 | 29 th | 24 |
| MAY 2017 | | | | | |
| 1 | Seedling treatment in tomato (F ₁) and transplanting at proper spacing | 1 | 1 | 8 th | 25 |
| 2 | Preparation of mango pickle | 1 | 1 | 15 th | 20 |
| 3 | Care of cow during and after parturition | 1 | 1 | 19 th | 20 |
| 4 | Emerging pest problem in Agriculture & its IPM | 1 | 1 | 25 th | 20 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|------------------|---|---|---|--|----|
| 5 | Nursery bed preparation for raising seedlings of rainy season tomato | 1 | 1 | 29 th | 20 |
| JUNE 2017 | | | | | |
| 1 | Variety, seed rate, seed treatment by FIR in Redgram, Greengram, blackgram and sowing in rows. | 3 | 2 | 2 nd -3 rd 6 th -7 th 8 th -9 th | 60 |
| 2 | Role of biodiversity in pest & disease management in cereals crops | 1 | 1 | 3 th & 22 nd | 50 |
| 3 | Nutrition value of vegetables and layout of nutritional garden | 1 | 1 | 8 th | 20 |
| 4 | Preparation of low cost balanced diet for women and child | 1 | 1 | 12 th | 25 |
| 5 | Nursery bed preparation & raising seedlings of paddy for paddy transplantation | 1 | 2 | 13 th – 14 th | 15 |
| 6 | Care and management of goat during gestation | 1 | 1 | 14 th | 20 |
| 7 | Preparation of homemade supplementary food | 1 | 1 | 14 th | 20 |
| 8 | Nursery bed preparation for raising seedlings of African marigold using seed as well as cuttings | 1 | 1 | 15 th | 25 |
| 9 | Seed rate, seed treatment, nursery bed preparation for raising seedling under SRI & conventional method for seed multiplication | 1 | 2 | 15 th -16 th | 90 |
| 10 | Role of Ecological Engineering in pest management (Rice, vegetable) | 1 | 1 | 17 th | 19 |
| 11 | Raising of seedlings of rainy season onion | 1 | 1 | 20 th | 25 |
| 12 | Importance of personal hygiene for women | 1 | 1 | 21 st | 20 |
| 13 | Variety, seed rate seed treatment & sowing of groundnut in rows | 1 | 2 | 27 th -28 th | 15 |
| 14 | Control of Hemorrhagic septicemia & black quarter through vaccination | 1 | 1 | 28 th | 20 |
| 15 | Different methods of mushroom production | 1 | 1 | 28 th to 29 th | 23 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|--------------------|---|---|---|---|----|
| 16 | Variety, seed rate, seed treatment, seed germination technology and sowing of paddy seed from plastic drum seeder in case of delayed monsoon. | 1 | 2 | 28 th 29 th | 20 |
| 17 | Site specific nutrients management in maize | 1 | 1 | 30 th | 25 |
| JULY 2017 | | | | | |
| 1 | Integrated nutrients management in paddy crop | 1 | 1 | 4 th | 20 |
| 2 | Importance of personal hygiene to prevent disease and identification & management of water born disease | 1 | 1 | 10 th | 20 |
| 3 | Agro technique of cow pea cultivation | 1 | 1 | 12 th | 20 |
| 4 | Methods of nutrient loss in green vegetable while cooking | 1 | 1 | 13 th | 20 |
| 5 | Epicotyle grafting in mango | 1 | 1 | 17 th | 25 |
| AUGUST 2017 | | | | | |
| 1 | Planting of Persia Americana (Avocado) and moringa, Artemisia | 1 | 1 | 7 th | 25 |
| 2 | Variety, seed rate, Seed treatment , application of recommended fertilizer as basal dose in niger and & sowing in rows | 2 | 2 | 8 th -9 th 10 th – 11 th | 50 |
| 3 | Component of IPM& Importance of IPM in vegetables | 1 | 1 | 8 th | 25 |
| 4 | Grading of tomato to fetch high price in town/city market | 1 | 1 | 8 th | 25 |
| 5 | Agro technique of maize (African tall) cultivation for fodder | 1 | 1 | 9 th | 20 |
| 6 | Management of mastitis under poor sanitary condition | 1 | 1 | 12 th | 20 |
| 7 | Control of wilt disease in tomato | 1 | 1 | 18 th | 25 |
| 8 | Preparation of white phynle | 1 | 1 | 23 th | 25 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------------|---|---|---|---|----|
| 9 | Remedial measure to overcome alternate/biennial bearing problem in mango | 1 | 1 | 28 th | 25 |
| SEPTEMBER 2017 | | | | | |
| 1 | Preparation of Amda pickle | 1 | 1 | 4 th | 15 |
| 2 | Inoculation of lentil with Rhizobium culture required for Lentil treatment | 1 | 2 | 5 th – 6 th | 20 |
| 3 | Variety, seed rate, Seed treatment ,application of recommended fertilizer as basal dose in linseed | 1 | 2 | 7 th – 8 th | 20 |
| 4 | Variety, seed rate, Seed treatment ,application of Recommended fertilizer as basal dose in Toria and Rai with sowing in rows | 2 | 2 | 9 th – 10 th 12 th – 13 th | 35 |
| 5 | Management of ecto parasites in goat | 1 | 1 | 10 th | 20 |
| 6 | Use of light & pheromone trap in paddy & pigeon pea for insect management | 1 | 1 | 20 th | 20 |
| 7 | Deworming of backyard poultry birds to enhance egg production | 1 | 1 | 20 th | 25 |
| 8 | Use of <i>Trichogramma</i> spp. in vegetable & Paddy field | 1 | 1 | 28 th | 20 |
| OCTOBER 2017 | | | | | |
| 1 | Variety seed treatment by FIR (fungicide insecticide Rhizobium) method in gram & sowing in rows | 1 | 2 | 3 rd – 4 th | 25 |
| 2 | Agro technique of berseem cultivation for green fodder | 1 | 1 | 10 th | 20 |
| 3 | Variety, seed rate, seed treatment fertilizer dose and it's method of placement in mustard , wheat & gram under seed multiplication | 2 | 2 | 13 th –14 th 17 th –18 th | 25 |
| 4 | Integrated nutrients management in potato | 1 | 1 | 16 th | 25 |
| 5 | Identification of pest & Integrated disease management of solanaceous vegetables | 1 | 1 | 17 th | 20 |
| 6 | Preparation of amla pickle | 1 | 1 | 25 th | 20 |
| 7 | Transplanting of broccoli seedlings at proper spacing | 1 | 1 | 27 th | 25 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|--|---|---|---|----|
| 8 | Preparation of candles in different shape and design | 1 | 1 | 28 th | 25 |
| 9 | Disease management in edible mushroom | 1 | 1 | 27 th | 27 |
| 10 | Compost preparation for button mushroom | 1 | 1 | 31 st | 19 |
| NOVEMBER 2017 | | | | | |
| 1 | Use of Botanicals pesticides for pest management | 1 | 1 | 1 st | 20 |
| 2 | Importance of crop use in mushroom cultivation | 2 | 1 | 2 nd to 3 rd | 35 |
| 3 | Application of manures and fertilizers in mango plants in the ring | 1 | 1 | 3 th | 25 |
| 4 | Time management & economic importance | 2 | 1 | 6 th to 7 th | 50 |
| 5 | Use of balance dose of nutrients in cereals and rabi pulses | 1 | 1 | 7 th | 30 |
| 6 | Preparation of homemade food supplement from locally available ingredients | 1 | 1 | 8 th | 20 |
| 7 | Application of recommended fertilizer dose in wheat & sowing in rows | 1 | 2 | 15 th -16 th | 20 |
| 8 | Care of cow during and after parturition | 1 | 1 | 22 nd | 20 |
| 9 | Veneer grafting in mango | 1 | 1 | 27 th | 25 |
| 10 | Different methods of mushroom production | 2 | 1 | 23 th to 24 th & 29 th to 30 th | 46 |
| 11 | Site specification nutrients management in wheat crops | 1 | 1 | 30 th | 25 |
| DECEMBER 2017 | | | | | |
| 1 | Raising of seedlings of onion | 1 | 1 | 1 st | 25 |
| 2 | Preparation of guava jelly | 1 | 1 | 6 th | 15 |
| 3 | Management of ecto parasite in goat | 1 | 1 | 13 | 20 |
| 4 | Preparation of vermicompost and its use | 1 | 1 | 13 th | 40 |
| 5 | Nursery bed preparation for raising seedlings of African marigold using seed as well as cuttings | 1 | 1 | 15 th | 25 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|--|---|---|-------------------------------------|----|
| 6 | Disease management in edible mushroom | 2 | 1 | 22 nd & 30 th | 54 |
| JANUARY 2018 | | | | | |
| 1 | Preparation of guava jelly | 1 | 1 | 10 th | 20 |
| 2 | Management of piglet anaemia through medication | 1 | 1 | 10 th | 20 |
| 3 | Soil health management technique | 1 | 1 | 10 th | 25 |
| 4 | Raising of seedlings of bottle gourd, bitter gourd, sponge gourd, cucumber and water melon in poly tubes for early transplanting | 1 | 1 | 12 th | 25 |
| 5 | Raising of seedlings of bottle gourd, bitter gourd, sponge gourd, cucumber and water melon | 1 | 1 | 30 th | 25 |
| FEBRUARY 2018 | | | | | |
| 1 | Ethology, Biology and Management practices of Rodent in field | 1 | 1 | 5 th | 20 |
| 2 | Preparing of low cost balanced diet for anemia children and women | 1 | 1 | 6 th | 20 |
| 3 | Breed improvement of indigenous goat by improved bucks | 1 | 1 | 15 th | 20 |
| 4 | Transplanting of sweet pepper seedlings at proper spacing | 1 | 1 | 20 th | 25 |
| MARCH 2018 | | | | | |
| 1 | Ethology, Biology and Management practices of Rodent for house hold (storage) | 1 | 1 | 2 nd | 27 |
| 2 | Importance of personal hygiene | 1 | 1 | 2 nd | 25 |
| 3 | Irrigation at regular interval in mango to check fruit drop | 1 | 1 | 20 th | 25 |
| 4 | (FMD) management through vaccination | 1 | 1 | 21 st | 20 |

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RURAL YOUTH

| 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------------|---|---|----|--|----|
| APRIL 2017 | | | | | |
| 1 | Different type of cloth bag making | 1 | 7 | 17 th - 22 nd | 25 |
| 2 | Milky mushroom cultivation | 1 | 6 | 24 th - 29 th | 20 |
| 3 | Preparing of white phynle, washing soap, washing powder and candles | 1 | 5 | 27 th - 2 nd May | 30 |
| May 2017 | | | | | |
| 1 | Preparation of pickle, jelly, sauce, jam with locally available fruits & vegetables | 1 | 5 | 8 th - 12 th | 20 |
| JUNE 2017 | | | | | |
| 1 | Preparation of pickle, jam squash with surplus mangoes | 1 | 5 | 5 th - 9 th | 20 |
| 2 | Scientific pig farming | 1 | 5 | 12 th - 16 th | 25 |
| 3 | Dress designing | 1 | 90 | 15 th June to 15 th Sept | 30 |
| JULY 2017 | | | | | |
| 1 | Dairy farming | 1 | 10 | 10 th - 19 th | 20 |
| AUGUST 2017 | | | | | |
| 1 | Gardener's training | 1 | 60 | 2 Aug to 30 Sept | 25 |
| 2 | Scientific management of pig | 1 | 10 | 21 st to 30 th | 20 |
| SEPTEMBER 2017 | | | | | |
| 1 | Plant propagation technique in fruit plants | 1 | 30 | 4 th to 3 rd Oct | 25 |
| 2 | Scientific management of broilers | 1 | 5 | 7 th - 11 th | 20 |
| OCTOBER 2017 | | | | | |
| 1 | Button mushroom cultivation by long method | 1 | 30 | 9 th Oct - 8 th Nov. | 20 |
| NOVEMBER 2017 | | | | | |
| 1 | Scientific management of goat | 1 | 5 | 6 th to 11 th | 20 |
| 2 | Lamasa and paper work for SHG women's | 1 | 7 | 13 th to 18 th | 15 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|---|---|----|--------------------------------------|----|
| 3 | Preparation of white phenyl, washing soap, washing powder and candles | 1 | 5 | 20 th to 24 th | 30 |
| DECEMBER 2017 | | | | | |
| 1 | Preparation of pickles and sauce with available fruits and vegetables | 1 | 5 | 11 th - 15 th | 20 |
| 2 | Oyster mushroom cultivation by hot water method & chemical method | 1 | 6 | 11 th - 16 th | 20 |
| JANUARY 2018 | | | | | |
| 1 | Dress designing | 1 | 90 | 2.1.18 - 31.3.18 | 20 |
| 2 | Oyster mushroom cultivation | 1 | 6 | 19 th - 25 th | 20 |
| FEBRUARY 2018 | | | | | |
| 1 | Scientific management of goat | 1 | 10 | 12 th - 20 th | 20 |

EXTENSION PERSONNEL

| 1 | 2 | 3 | 4 | 5 | 6 |
|------------------|--|---|---|------------------|----|
| MAY 2017 | | | | | |
| 1 | Importance of plastic drum seeder field preparation, sowing technique by plastic drum seeder for paddy cultivation | 1 | 1 | 27 th | 30 |
| 2 | Importance of soil health card and how to collect grid based soil samples for soil testing | 1 | 1 | 30 th | 25 |
| 3 | Nursery bed preparation for raising seedlings of transplanted paddy in SRI technique of paddy cultivation | 1 | 1 | 30 th | 20 |
| JUNE 2017 | | | | | |
| 1 | Seed bed preparation and line transplanting of paddy seedlings at proper spacing in SRI technique of paddy cultivation | 1 | 1 | 30 th | 20 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------------|--|---|---|------------------|----|
| JULY 2017 | | | | | |
| 1 | African Marigold cultivation during kharif for more profitable | 1 | 1 | 1 st | 25 |
| 2 | Use of bio agent for pest management | 1 | 1 | 4 th | 20 |
| 3 | Use of IPM tools for pest management | 1 | 1 | 12 th | 20 |
| AGUGUST 2017 | | | | | |
| 1 | Remedial measures to overcome alternate / biennial bearing problems in mango | 1 | 1 | 28 th | 25 |
| SEPTEMBER 2017 | | | | | |
| 1 | Backyard poultry strains, care and management under free range system | 1 | 1 | 12 th | 20 |
| OCTOBER 2017 | | | | | |
| 1 | Integrated nutrients management in vegetables crops | 1 | 1 | 5 th | 30 |
| 2 | Use of traditional and Chemical method for storage pest management | 1 | 1 | 20 th | 25 |
| 3 | Seed treatment and sowing technique in SRI in wheat | 1 | 1 | 28 th | 25 |
| NOVEMBER 2017 | | | | | |
| 1 | Soil test based nutrients management techniques in crops | 1 | 1 | 28 th | 30 |
| FEBRUARY 2018 | | | | | |
| 1 | Organic farming and its importance | 1 | 1 | 19 th | 30 |

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**OFF CAMPUS TRAINING PROGRAMME FOR THE YEAR
2017 – 2018**

| SI No. | Name of the course | No. of course | Duration (days) | Dates | No. of participants |
|---------------------------|---|---------------|-----------------|------------------|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| PRACTICING FARMERS | | | | | |
| APRIL 2017 | | | | | |
| 1 | Economic benefit from soil testing | 1 | 1 | 10 th | 30 |
| 2 | Preparation of herbal ointment & balm | 1 | 1 | 12 th | 65 |
| 3 | Regulation of flowering in guava for better quality fruit production | 1 | 1 | 21 st | 25 |
| 4 | Selection of fungicide & insecticide | 1 | 1 | 25 th | 25 |
| 5 | House hold rat management | 1 | 1 | 26 th | 25 |
| MAY 2017 | | | | | |
| 1 | Preparation of mango pickle | 1 | 1 | 4 th | 15 |
| 2 | Prevention of water born disease by using Janta Water filter. | 1 | 1 | 5 th | 20 |
| 3 | Economic benefit from soil testing | 1 | 1 | 8 th | 25 |
| 4 | Care and management of poultry birds during summer | 1 | 1 | 11 th | 20 |
| 5 | Nursery bed preparation for raising seedlings of rainy season onion | 1 | 1 | 12 th | 25 |
| 6 | Precaution and use of pesticide | 1 | 1 | 16 th | 20 |
| 7 | Importance of personal hygiene | 1 | 1 | 16 th | 20 |
| 8 | Production and importance of green manuring | 1 | 1 | 20 th | 20 |
| JUNE 2017 | | | | | |
| 1 | Effect of high ambient temperature on daily live weight gain and feed intake of pigs | 1 | 1 | 7 th | 25 |
| 2 | Economic benefit from soil testing | 1 | 1 | 12 th | 25 |
| 3 | Prevention of Hemorrhage septicemia and black quarter on cows and buffalo through vaccination | 1 | 1 | 21 st | 20 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|------------------|--|---|---|--|----|
| 4 | Time management & economic importance | 1 | 1 | 23 rd | 25 |
| JULY 2017 | | | | | |
| 1 | Line transplanting of paddy seedlings at proper spacing and placement of appropriate dose of manure and fertilizer for SRI technique | 2 | 2 | 1 st – 2 nd 4 th – 5 th | 40 |
| 2 | Control of weeds by using chemical herbicide in maize (selection dose & stage of application & spraying method) | 1 | 2 | 6 th – 7 th | 50 |
| 3 | Air layering in guava, litchi and citrus | 1 | 1 | 10 th | 26 |
| 4 | Prevention, identification and management of water born disease | 1 | 1 | 11 th | 25 |
| 5 | Line transplanting of paddy seedlings at proper spacing & placement of appropriate dose of fertilizer | 2 | 2 | 11 th – 12 th 13 th – 14 th | 40 |
| 6 | Importance of sprayer | 1 | 1 | 12 th | 20 |
| 7 | Weed management in paddy under plastic drum seeder | 1 | 2 | 15 th – 16 th | 20 |
| 8 | Weed management in paddy under SRI technique | 1 | 2 | 18 th – 19 th | 20 |
| 9 | Pest management in paddy crop | 1 | 1 | 18 th | 20 |
| 10 | Agro technique of maize cultivation for green fodder | 1 | 1 | 19 th | 25 |
| 11 | Production and importance of azola | 1 | 1 | 18 th | 20 |
| 12 | Importance of IPM in vegetables | 1 | 1 | 20 th | 23 |
| 13 | Intercropping of vegetables in newly established orchard | 1 | 1 | 21 st | 25 |
| 14 | Production and importance of green manuring | 1 | 1 | 22 nd | 20 |
| 15 | Control of weeds by using chemical herbicide in paddy (selection, doses, stage of application and spraying method) | 2 | 2 | 22 nd -23 rd 25 th – 26 th | 50 |
| 16 | Fertilizer management in upland, midland and low land paddy crop | 1 | 1 | 26 th | 25 |
| 17 | Causes and management of mastitis under poor sanitary condition | 1 | 1 | 26 th | 20 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------------|--|---|---|------------------|----|
| AUGUST 2017 | | | | | |
| 1 | Stages of maturity in tomato for harvesting depending upon purpose of use | 1 | 1 | 1 st | 25 |
| 2 | Role of blue green algae and its use | 1 | 1 | 10 th | 30 |
| 3 | Up gradation of indigenous goat by beetal buck | 1 | 1 | 16 th | 20 |
| 4 | Importance of pheromone trap in paddy & chickpea | 1 | 1 | 18 th | 19 |
| 5 | Role boron and its importance in vegetables and fruit plant | 1 | 1 | 25 th | 30 |
| 6 | Preparation of cows for milking and correct method of milking | 1 | 1 | 26 th | 25 |
| 7 | Nutrition value of vegetables and layout of nutritional garden | 1 | 1 | 28 th | 20 |
| SEPTEMBER 2017 | | | | | |
| 1 | Control of endo parasite to enhance egg production | 1 | 1 | 4 th | 25 |
| 2 | Prevention of anemia through the administration of iron injection | 1 | 1 | 6 th | 25 |
| 3 | Integrated nutrients management in Potato | 1 | 1 | 20 th | 20 |
| 4 | Importance of crop use in mushroom cultivation | 1 | 1 | 21 st | 17 |
| 5 | Rat control in paddy crops | 1 | 1 | 30 th | 17 |
| OCTOBER 2017 | | | | | |
| 1 | Transplanting of broccoli seedlings with balanced dose of fertilizer at proper spacing | 1 | 1 | 9 th | 25 |
| 2 | Integrated nutrients management in Pulses | 1 | 1 | 10 th | 25 |
| 3 | Identification of potato disease and suggestion | 1 | 1 | 10 th | 20 |
| 4 | Economics benefit from soil testing | 1 | 1 | 24 th | 30 |
| 5 | Agro techniques of berseem cultivation | 1 | 1 | 25 th | 25 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|---|---|---|-------------------------------------|----|
| 6 | Prevention and control of ecto parasite in goat | 1 | 1 | 30 th | 25 |
| 7 | Preparation of homemade food supplement from locally available grains & pulses | 1 | 1 | 30 th | 20 |
| NOVEMBER 2017 | | | | | |
| 1 | Application of manures & fertilizers in non bearing young mango plants | 1 | 1 | 6 th | 25 |
| 2 | Preparation of tomato pickle | 1 | 1 | 6 th | 20 |
| 3 | Importance of IPM in agriculture | 1 | 1 | 8 th | 27 |
| 4 | Integrated Nutrients management in Wheat | 1 | 1 | 10 th | 25 |
| 5 | Management of pest in nursery | 2 | 1 | 13 th & 15 th | 40 |
| 6 | Care of cow during and after parturition | 1 | 1 | 15 th | 25 |
| 7 | Role of deficiency symptom of micro nutrients in vegetables crop | 1 | 1 | 18 th | 25 |
| 8 | Importance of soil health card and how to collect soil samples for soil testing | 1 | 1 | 25 th | 25 |
| DECEMBER 2017 | | | | | |
| 1 | Preparation of Mahua pickle | 1 | 1 | 1 st | 20 |
| 2 | Weed control in wheat (SWI) by using weeder) | 1 | 2 | 7-8 th | 30 |
| 3 | Different methods of oyster mushroom production | 2 | 1 | 7 th & 15 th | 30 |
| 4 | Reclamation of problematic soil | 1 | 1 | 11 th | 25 |
| 5 | Disease management in edible mushroom | 2 | 1 | 11 th & 19 th | 30 |
| 6 | Measures to prevent piglet mortality due to low temperature | 1 | 1 | 20 th | 25 |
| JANUARY 2018 | | | | | |
| 1 | Transplanting of onion seedlings in rows at proper spacing | 1 | 1 | 5 th | 25 |
| 2 | Preparation of vermi compost and its use | 1 | 1 | 10 th | 30 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|---|---|---|------------------|----|
| 3 | Identification of locally available herbal plants and preparing tonic & ointments | 1 | 1 | 11 th | 25 |
| 4 | Raising of cucurbitaceous seedlings in poly bags | 1 | 1 | 15 th | 25 |
| 5 | Management of foot and mouth disease in cattle and buffalo | 1 | 1 | 17 th | 25 |
| 6 | Importance and benefits of breed improvement in goat | 1 | 1 | 24 th | 25 |
| FEBRUARY 2018 | | | | | |
| 1 | Harvesting of central head in broccoli at right stage | 1 | 1 | 2 nd | 25 |
| 2 | Preparing candles with different designs | 1 | 1 | 7 th | 25 |
| MARCH 2018 | | | | | |
| 1 | Benefits of improved backyard poultry breeds and its care and management | 1 | 1 | 17 th | 25 |
| 2 | Irrigation at regular interval in mango to check fruit drops | 1 | 1 | 18 th | 25 |



HOLY CROSS KRISHI VIGYAN KENDRA
Near Canary Hill, Hazaribag – 825 301

Jharkhand (India)

Phone No. 06546 – 263083, 265229

TRAINING SCHEDULE

APRIL 2017 TO MARCH 2018