**Annual Calender for Training**

**A) For Practicing farmers/ farm women:**

**Crop Production:**

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| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration  Day** | **No. Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Water and nutrients management | Irrigation & fertilizer management in Green Gram | Enhancement of farmers skill about proper application of fertilizer and  irrigation water in Green Gram crop | 02 | 01 | Off/On |
| Resource Conservation Technique | Principles and technique for conservation of resources | To provide knowledge about conservation of agriculture for improving productivity | 02 | 01 | Off/On |
| Integrated crop management | Seed treatment of summer Green Gram | To create awareness about seed treatment | 02 | 01 | Off/On |
| Productivity enhancement | SRI method of Paddy cultivation | To enhance the skill of farmers about SRI | 01 | 01 | Off/On |
| II   July to Sept.17 | Productivity enhancement | Precautions taken during the time of paddy transplanting | To develop knowledge and skill about line transplanting and proper spacing | 02 | 01 | Off/On |
| Productivity enhancement | Short duration, High yielding varieties of paddy suitable under their nursery management | To develop knowledge and skill about short duration paddy cultivation | 02 | 02 | Off/On |
| Weed management | Weed management in paddy | To develop knowledge and skill weed management | 02 | 02 | Off/On |
| III  Oct.  to Dec. 17 | water and nutrients management | Irrigation & fertilizer management in paddy | To improve productivity level of paddy crop | 02 | 01 | Off/On |
| Production of quality of seed | Precautions taken during harvesting & threshing of paddy seed. | To reduces the post harvest losses | 02 | 01 | Off/On |
| Productivity enhancement | Improved varieties of wheat suitable under different situations | To develop knowledge and skill to grow field specific varieties | 02 | 01 | Off/On |
| IV  Jan.  to March 18 | water and nutrients management | Irrigation & fertilizer management in wheat | To create awareness regarding proper use of irrigation water and nutrient applicaton | 02 | 02 | Off/On |
| Weed management | Identification of weeds and their control in wheat | To create awareness regarding suitable method of weed control | 02 | 01 | Off/On |
| Total | | | | 23 | 15 |  |

**Horticulture:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Layout and Management of orchards | Plantation technique and orchard Management | To Train about planting distances layout etc. | 02 | 01 | Off/On |
| Plant Propagation techniques | Propagation techniques of fruit plants | To develop knowledge and skill for propagation of fruit crops | 02 | 01 | Off/On |
| II   July to Sept.17 | Nursery raising | Nursery raising & Management of vegetable crops | To develop knowledge and skill for nursery raising & its management | 02 | 01 | Off/On |
| Nutrient use efficiency | Use of bio0fertilizer in vegetable crops | To create awareness regarding the use of bio0fertilizer in vegetable crops | 02 | 02 | Off/On |
| Production of low volume and high value crops | Vegetable growing in container | To develop knowledge and skill Growing vegetables in containers | 02 | 02 | Off/On |
| III  Oct.  to Dec. 17 | Production and Management technology | Cultivation of tuber crops | To improve productivity level of tuber crops | 02 | 01 | Off/On |
| Crop diversification | Package & Practices of spices | To increase the productivity level of spices | 02 | 01 | Off/On |
| IV  Jan. to March 18 | Production and Management Technology | Cultivation of Aromatic & Medicinal Plants | To create awareness regarding the cultivation of medicinal and aromatic plants | 02 | 02 | Off/On |
| Production & Management technology | Production of successes vegetable crops. | To create awareness regarding grading & standardization of vegetable | 02 | 01 | Off/On |
| Total | | | | 18 | 12 |  |

**Agricultural Engineering:**

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| **Qrt.5 No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Repair & maintenance of farm machinery & implements | Internal Combustion Engine: Parts operation, repair and maintenance | To impart knowledge about parts of I.C. Engine, troubles, causes and their remedies | 04 | 04 | On/Off |
| II   July to Sept.17 | Use of small tools and implements | Improved implements for Kharif paddy cultivation for increasing B:C ratio | To impart knowledge about labour saving tools and operational conditions necessary for their use | 02 | 02 | On/Off |
| Repair and maintenance of farm machineries and implements | Sprayers/ Dusters: Troubles, causes and their remedies | To impart knowledge about different types of sprays/ dusters and troubles in operation, causes and their remedies | 02 | 02 | On/Off |
| III  Oct.  to Dec. 17 | Resource conservation technology | Sowing of rabi crops with Zero Tillage Technique and calibration of a seed0cum0ferti drill for purpose | To impart knowledge about ZTT and operation of a seed0cum0ferti drill for sowing purpose | 02 | 02 | On/Off |
| Installation and maintenance of MIS | Installation, operation and maintenance for sprinkler irrigation in rabi crops | To impart knowledge of sprinklers as water and fuel saving devices for achieving higher irrigation water use efficiency | 02 | 02 | On/Off |
| IV  Jan.  to March 18 | Use of plastic in agriculture | Cultivation of cash crops in controlled environment: Cultivation in poly houses | To provide knowledge about cultivation in controlled environment | 02 | 02 | On/Off |
| Installation maintenance of MIS | Installation, operation and maintenance of drip irrigation system with micro irrigation of horticultural crops | To provide knowledge of use and maintenance of drippers/gravity based drippers in horticultural crops | 02 | 02 | On/Off |
| Total | | | | 16 | 16 |  |

**Home Science:**

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| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Storage loss minimization techniques | Importance of post harvest  technology(Grading Processing and marketing ) | To impart knowledge about the techniques of post harvesting for better return/ marked values | 02 | 01 | Off |
| Women and child care | Importance of family planning among rural women | To acquaint the rural women about the pros and cons of family planning | 02 | 01 | Off |
| Value addition | Techniques of mango preservation | To impart knowledge regarding the use of Mango product for off season | 02 | 01 | Off |
| II   July to Sept.17 | Source of energy | Use of non0conventional source of energy smokeless chullah , solar cooker, solar light Bio0gas etc | To create awareness about the saving of  may by using non0 conventional source of energy | 02 | 01 | Off |
| Value addition | Techniques of jack fruit preservation | To aware then about how to use jackfruit for off season | 02 | 01 | Off |
| III  Oct. to Dec. 17 | Women and child care | Importance of family planning among rural women | To acquaint the rural women about the pros and cons of family planning | 02 | 01 | Off |
| Income Generation | Techniques of Mushroom cultivation and post harvest management | To insist the farm women to adopt the cultivation of mushroom for betterment/ better return | 02 | 01 | Off |
| Minimization of nutrient loss in processing | Important techniques  of cooking  to save fuel and nutrient | To create awareness among farm women regarding the nutrient loss during cooking | 02 | 01 | Off |
| IV  Jan.  to March 18 | Housed food security by nutritional gardening | Techniques to prepare nutritional garden | To acquaint the farm women regarding how the save money by using backyard space as well as better nutrition for m family | 02 | 01 | Off |
| Women and child care | Care of lactating and pregnant women | To impact knowledge regarding nutritious food for healthy life. | 02 | 01 | Off |
| Health and hygiene | Importance of safe milk production and its post harvest management | To create awareness about the techniques of post harvest management and  importance of  Safe milk production | 02 | 01 | Off |
| Total | | | | 22 | 11 | 0 |

**Soil Science:**

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| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Integrated Nutrient Management | INM in paddy (Kharif) | To create awareness about nutrient management | 02 | 01 | On |
| INM in vegetable (Kharif) | To trained about use of different nutrient source to increase yield | 02 | 01 | On |
| INM in paddy (Kharif) | Role of BGA in paddy crops | 02 | 01 | On |
| II   July to Sept.17 | Production & use of organic inputs | Use of vermicompost in crops | To increase fertilizer use efficiency in crops | 02 | 01 | On |
| Use of bio fertilizer in crops | To create awareness about use of bio fertilizer | 01 | 01 | Off |
| III  Oct. to Dec. 17 | Soil and water analysis | Soil sample collection | Now to collect soil sample collection for analysis | 01 | 01 | On |
| Production and use of organic inputs | Bio fertilizer application of green manuring crops | Use of bio fertilizer in cereals and vegetable | 01 | 01 | Off |
| IV  Jan.  to March 18 | Integrated Nutrient management | Application of green manuring crops | Use of dhaicha to increase fertility and production | 01 | 01 | On |
| Total | | | | 12 | 08 |  |

**Plant Protection:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Integrated Pest Management | IPM of tomato crop | To provide knowledge of integrated disease and pest management | 02 | 01 | Off/On |
| Integrated Disease Management | IDM in paddy | To provide knowledge of integrated disease and pest management | 02 | 01 | Off/On |
| II   July to Sept.17 | Integrated Pest Management | Integrated insect pest management in paddy | To provide knowledge of integrated disease and pest management | 02 | 01 | Off/On |
| Income Generation | Cultivation of edable mushrooms | To provide knowledge about entrepreneurship for income generation | 02 | 02 | Off/On |
| Integrated Pest Management | Integrated Pest Management in vegetable crops | To provide knowledge of integrated disease and pest management | 02 | 02 | Off/On |
| III  Oct.  to Dec. 17 | Income Generation | Management of mushroom diseases | To provide knowledge about entrepreneurship for income generation | 02 | 01 | Off/On |
| Integrated Pest Management | Use of organic inputs for plant disease management | To provide knowledge of integrated disease and pest management | 02 | 01 | Off/On |
| Integrated Pest Management | Bio0control of pests and diseases | To provide knowledge of integrated disease and pest management | 02 | 01 | Off/On |
| IV  Jan. to March 18 | Income generation | Medicinal and Aromatic plants | To provide knowledge about entrepreneurship for income generation | 02 | 02 | Off/On |
| Income Generation | Preparation of Bordeux mixture | To provide knowledge about entrepreneurship for income generation | 02 | 01 | Off/On |
| Total | | | | 22 | 14 |  |

**B) Rural Youth:**

**Crop production:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Integrated crop management | Seed treatment of summer Green Gram | To create awareness about seed treatment | 03 | 01 | On |
| II   July to Sept.17 | Productivity enhancement | Short duration, High yielding varieties of paddy suitable under their nursery management | To develop knowledge and skill about short duration paddy cultivation | 03 | 02 | On |
| III  Oct to Dec. 17 | Production of quality of seed | Precautions taken during harvesting & threshing of paddy seed. | To reduces the post harvest losses | 03 | 01 | On |
| III  Jan.  To  March 18 | water and nutrients management | Irrigation & fertilizer management in wheat | To create awareness regarding proper use of irrigation water and nutrient application | 03 | 01 | On |
| Total | | | | 12 | 05 | 0 |

**Horticulture:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Orchard management | Orchard management of different fruit crops | To develop knowledge and skill for young orchard & its management for income generation | 05 | 01 | On/off |
| II   July to Sept.17 | Nursery Management | Nursery raising techniques and Management of horticultural crops | To develop knowledge and skill for nursery raising & its management for income generation | 05 | 01 | On/off |
| III  Oct to Dec. 17 | Fruit production | Commercial fruit production technology | To develop knowledge and skill for regarding commercial fruit production for better economic return | 05 | 01 | On |
| IV  Jan.  To  March 18 | Seed production | Seed production technology of  vegetable corps | To impart knowledge and skill on the production technology of seed for income generation | 05 | 01 | On/off |
| Total | | | | 20 | 04 |  |

**Agricultural Engineering:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Repair and maintenance of farm machinery and implements | Repair and maintenance of a C.J. engines | To impart knowledge of parts, trouble, their causes and remedies in a C.J. engine | 05 | 01 | On |
| II   July to Sept.17 | Repair and maintenance of farm machinery and implements | Repair and maintenance of an irrigation pump | To impart knowledge of a irrigation pump operation, troubles, their causes and remedies | 03 | 02 | On |
| III  Oct to Dec. 17 | Repair and maintenance of farm machinery and implements | To impart knowledge of operation care and maintenance of sowing implements | To develop knowledge and skill for regarding commercial fruit production for better economic return | 03 | 01 | On |
| III  Jan.  To  March 18 | Repair and maintenance of farm machinery and implements | Operation, care and maintenance of micro irrigation devices/sprinkler sets | To impart knowledge about care and maintenance of MIS/Over hard irrigation devices. | 03 | 01 | On |
| Total | | | | 14 | 05 | 0 |

**Home science:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| April to June 17 | Value addition | Post harvest management of seasonally available fruits and vegetables | To create awareness about the techniques of post harvest management | 07 | 01 | On |
| July to Oct. 17 | Income generation | Techniques of mushroom  production and its processing | To impart knowledge regarding mushroom cultivation and processing for economic return | 07 | 01 | On |
| Oct to Dec. 17 | Arts and crafts | Technique of handicrafts | To impart skill among rural women related to handicrafts | 07 | 01 | On |
| Jan. to March 18 | Value addition | Post harvest management of tomato | To create awareness regarding the technique of tomato processing | 07 | 01 | On |
|  |  |  | Total | 28 | 04 | 0 |

**Soil Science:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Integrated Nutrient Management | INM in vegetable (Kharif) | Integrated Nutrient Management in vegetable | 03 | 01 | Off |
| II   July to Sept.17 | Production & use of organic inputs | Use of bio fertilizer in crops | To create awareness about use of bio fertilizer | 03 | 01 | Off |
| III  Oct. to Dec. 17 | Production and use of organic inputs | Bio fertilizer application of green manuring crops | Use of bio fertilizer in cereals and vegetable | 03 | 01 | Off |
| IV  Jan.  to March 18 | Integrated Nutrient management | Application of green manuring crops | Use of dhaicha to increase fertility and production | 03 | 01 | On |
| Total | | | | 12 | 08 |  |

**Plant Protection:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Total No of Tr. Day** | **Venue Off/On Campus** |
| I  April to June 17 | Income Generation | Bee Keeping | To provide knowledge about entrepreneurship for income generation | 07 | 02 | 100 | ON |
| II   July to Sept.17 | Income Generation | Management of mushroom diseases | To provide knowledge about entrepreneurship for income generation | 03 | 01 | 30 | Off |
| III  Oct. to Dec. 17 | Integrated Pest Management | Bio-control of pests and diseases | To provide knowledge of integrated disease and pest management | 03 | 01 | 50 | Off |
| Income generation | Medicinal and Aromatic plants | To provide knowledge about entrepreneurship for income generation | 03 | 01 | 30 | Off |
| IV  Jan.  to March 18 | Income Generation & IPM | IPM of Makhana | To provide knowledge of IPM | 02 | 02 | 50 | On |
| Total | | | | 18 | 07 | 180 |  |

**C) Extension functionaries:**

**Crop Production:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| II   July to Sept.17 | Resource Conservation Technique | Principles and technique for conservation of resources | To provide knowledge about conservation of agriculture for improving productivity | 02 | 01 | ON |
| III  Oct.  to Dec. 17 | water and nutrients management | Irrigation & fertilizer management in paddy | To improve productivity level of paddy crop | 02 | 01 | On |
| Total | | | | 04 | 02 |  |

**Horticulture:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| II   July to Sept.17 | Production and Management technology | Cultivation of medicinal and aromatic plant | To update  knowledge regarding the cultivation of medicinal and aromatic plant | 02 | 01 | ON |
| III  Oct.  to Dec. 17 | Rejuvenation of old orchards | Rejuvenation of old orchard | To develop knowledge and skill | 02 | 01 | On |
| Total | | | | 04 | 02 | 0 |

**Agricultural Engineering:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Care & maintenance of farm machinery & implements | Care & maintenance of farm tractors | To update knowledge about tractor/engine parts: their care and maintenance | 02 | 01 | On |
| II  July to Sept. 17 | Care & maintenance of farm machinery & implements | Care and maintenance of implements for efficient use | To update knowledge about improved farm implements and their care and maintenance | 02 | 01 | On |
| III  Oct. To Dec.17 | Care & maintenance of farm machinery & implements | Care and maintenance of a seed0cum0ferti0drill/ planter | To update knowledge about operation, care & maintenance of sowing implements | 02 | 01 | On |
| IV  Jan. to Mar. 18 | Care & maintenance of farm machinery & implements | Care and maintenance of controlled pressure irrigation devices | To update knowledge about operation care and maintenance of improved irrigation devices (Overhead and MIS) | 02 | 01 | On |
|  |  |  | Total | 08 | 04 | - |

**Soil Science:**

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| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| II   July to Sept.17 | Production & use of organic inputs | Use of bio fertilizer in crops | To create awareness about use of bio fertilizer | 02 | 01 | ON |
| III  Oct.  to Dec. 17 | Production and use of organic inputs | Bio fertilizer application of green manuring crops | Use of bio fertilizer in cereals and vegetable | 02 | 01 | On |
| Total | | | | 04 | 02 | 0 |

**Plant Protection:**

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| --- | --- | --- | --- | --- | --- | --- |
| **Qrt No. & Months** | **Thematic Area** | **Course Title** | **Course Objective** | **Duration Day** | **Total No Courses** | **Venue Off/On Campus** |
| I  April to June 17 | Integrated Pest Management | Integrated Pest Management in Mango | Integrated Pest Management in Mango | 02 | 01 | On/Off |
| Integrated Pest Management | Integrated Pest Management vegetables | Integrated Pest Management vegetables | 02 | 01 | On/Off |
| II  July to Sept. 17 | Integrated Pest Management | Integrated Pest Management in rice | Integrated Pest Management in rice | 02 | 01 | On/Off |
| III  Oct. To Dec.17 | Integrated Pest Management | Integrated Pest Management in Potato | Integrated Pest Management in Potato | 02 | 01 | On/Off |
| IV  Jan. to Mar. 18 | Integrated Pest Management | Integrated Pest Management in tomato | Integrated Pest Management in tomato | 02 | 01 | On/Off |
| Total | | | | 08 | 05 | - |