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| **Training Programme on “Production protocol for Bio fertilizers and Bio-control agents”** |
| **Course Synopsis** | Training Programme Production protocol for Bio fertilizers and control agents will provide hands-on skills to create a pool of experts to mass production of biofertilizers and bio control agents and their application methods.  |
| **Course Duration** | 05 days |
| **Justification/ Rationale**  | **NIPHM** is a National level premier institute under the administrative control of the Department of Agriculture, Ministry of Agriculture & Farmer’s welfare, Government of India. NIPHM is promoting environmentally sustainable Plant Health Management practices in diverse and changing agro-climatic conditions through capacity building programmes, besides providing inputs for policy formulation on Plant Health Management at state and national level. NIPHM has international level, well equipped laboratories where participants can be trained through hands-on experience.NIPHM conducts capacity building training programs for south Asian and other countries based upon the requirements. |
| **Aims & Objective of the course** | To impart knowledge on -* To impart knowledge and skills on production concepts different bio-inputs (biofertilizers and biocntrol agents) in commercial level and farm level and their usage.
* To impart knowledge on protocols establishment of bio-labs and registration procedures.
* To impart knowledge on quality control of biofertilizers and biopesticides.
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| **Expected Outcome of the course** | During the training course the participants will acquire skill /hands-on practices in the following areas: * Mass production of Biofertilizers
* Mass production of bicontrol agents
* On-farm production of bio-pesticides (*Trichoderma, Pseudomonas*)
* On-farm production of bio-pesticides (EPF and NPV)
* Mass production and field release techniques of biocontrol agents (predators & parasitoids)
* Botanicals for pest management
* Mass production of Entomopathogenic nematodes.
* Protocol for establishment of biofertilizer and bio-pesticide laboratories
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| **Eligibility conditions of the participants**  | Graduate, Post Graduate and PhD |
| **Target Participants** | Agriculture and Horticulture Department officials, Agriculture Ministries, Extension officials  |