

**Krishi Vigyan Kendra (KVK)**

The University owns five KVKs for the districts of Nadia, Hooghly, Howrah, East Medinipur and Jhargram. While the KVK for the district of Nadia got established in 2004, Howrah and Hooghly KVKs subsequently came up in 2005, East Medinipur established in 2017 and Jhargram KVK adopted in 2021 with the vested responsibility to perform as district level knowledge-cum-technology facilitation centres in agriculture and allied pursuits. Eight KVKs situated in the southern part of Bengal also run with the technological backstopping of this Directorate. In accordance with the mandates, the lead functions of the KVKs are as follows:

- Identification, assessment, refinement, validation and assimilation of location vis-à-vis target groups specific technology options for increased productivity, profitability and equitable targeted growth of the district
- Organizing Front Line Demonstrations for effective scaling up and assimilation of demand driven technologies as per locational suitability
- Pertaining long and short-term vocational training courses in agriculture and allied fields for the practicing farmers, rural youth and farm women
- Capability up-gradation of extension functionaries
- Production and supply of quality seeds and planting materials

For better functional efficiency and impact, the KVK system of the Viswavidyalaya works in close coordination with the Line Departments associated with development of the farming community.

**KVK 1: Nadia Krishi Vigyan Kendra**

Nadia, a district of West Bengal is situated in its eastern side with its headquarters in Krishnanagar. Geographically, the district lies at 23°47'N latitude, 88°56'E longitude, in the new alluvial gangetic plains of West Bengal.

**Infrastructures available with Nadia KVK:**

Training Hall (2 nos.), Conference Hall/ Meeting Room (1 no.), Soil Testing Laboratory (1 no.), Plant Diagnostic Laboratory (1 no.), Trichoderma production Laboratory (1 no.), Library (1 no.), Farmer's Hostel (1 no.), Farm Godown with threshing floor (1 no.), Farm Cottage (1 no.)

**Demonstration units developed by Nadia KVK for technology show case-**

- Integrated Farming System Unit (Dairy, Goatery, Poultry, Fishery)
- Poly house for Orchid flower and sapling production (1 no.)
- Poly house for high value vegetable production (1 no.)
- Shade net house for Black pepper sapling production (2 nos.)
- Insect proof rapid seedling production unit (1 no.)
- Micro irrigation system with drip, sprinkler and fogger
- Nursery Hardening Unit (1 no.)
- Mother blocks of Mango, Guava, Lime and Banana
- Mushroom spawn production unit (1 no.)
- Compost and vermin compost production unit (1 no.)
- Azolla production unit (1 no.)
- Vertical Farming units (For vegetables and ornamental crops)
- Roof top water harvesting structure
- Multi-tier cropping system with Arecanut, Black pepper, Turmeric
- Orchard of Malta orange, Guava, Coconut, Lime, Banana

### **KVK 2: Hooghly Krishi Vigyan Kendra**

Hooghly KVK situated at its district headquarter Chinsurah (Chuchura). The geographic location of the district is Latitude: 22 55' N Longitude: 88 24' E, under New alluvial zone of southern Bengal.

### **Infrastructures available with Hooghly KVK:**

Training Hall (2 nos.), Conference Hall/ Meeting Room (1 no.), Soil Testing Laboratory (1 no.), Mushroom spawn production Laboratory (1 no.), Library (1 no.), Farmer's Hostel (1 no.), Farm Godown with threshing floor (1 no.), Farm Cottage (1 no.)

### **Demonstration units developed by Hooghly KVK for technology show case-**

- Integrated Farming System Unit (Dairy, Duckery, Poultry, Fishery)
- Poly house for high value vegetable production (1 no.)
- Shade net house for seedling production (2 nos.)
- Micro irrigation system with drip, sprinkler and fogger.
- Nursery Hardening Unit (1 no.)
- Mother blocks of Mango, Guava
- Mushroom spawn production unit (1 no.)
- Compost and vermin compost production unit (1 no.)
- Azolla production unit (1 no.)
- Vertical Farming units (For vegetables and ornamental crops)

- Orchard of Mango, Banana

### **KVK 3: Howrah Krishi Vigyan Kendra**

KVK is situated at Jagatballavpur village under Jagatballavpur Block within Howrah Sadar Sub-division and falls under the New Alluvial and Old Alluvial Agro-climatic zone of West Bengal. Jagatballavpur is located at 22°40'44"N 88°07'02"E.

#### **Infrastructural facilities available:**

Farmer's training hall, Conference Hall, Farmer's hostel, Farm godown, Threshing floor, Soil Testing Laboratory, Mushroom spawn production laboratory, Library, Farm implement shade, Automated weather station

#### **Demonstration unit developed by Howrah KVK:**

IFS Unit	Orchid House
Mushroom Production Unit	Crop cafeteria
Vermicompost Production Unit	Poultry Unit
Seedling Production	Goatery Unit
Fishary Unit	Dragon Fruit Unit
Azolla Production Unit	Vertical gardening unit
Medicinal Garden	

### **KVK 4: PurbaMednipur Krishi Vigyan Kendra**

The KVK is located at Mulakhop, Dayaldasi, Nandakumar, PurbaMedinipur (22.1794° N, 87.8708° E) under the New Alluvial & Coastal Saline Zone of West Bengal.

#### **Demonstration units developed by PurbaMedinipur KVK for technology show case-**

- Pond based Integrated Farming System Unit (Poultry, Duckery, Fishery)
- Low-cost Poly house for high value vegetable cultivation (1 no.)
- Low-cost Poly tunnel for vegetable seedling production (1 no.)
- Medicinal plant block (1 no.)
- Mushroom production unit (1 no.)
- Compost and vermin compost production unit (1 no.)
- Azolla production unit (1 no.)
- Dragon fruit progeny block
- Crop cafeteria (1 no.)

### **KVK 5: Jhargram Krishi Vigyan Kendra**

The KVK Jhargram is located at 22.45° N 86.98° East Vill. - Kadamkanan, P.O & Distt.: Jhargram, West Bengal – 721507 under Red & Lateritic Zone of West Bengal. The KVK has been adopted by the University in the year 2021.