

# User MANUAL

*Jaivik kheti Portal*

**MSTC Ltd.**

Feb 2019

**Revision Sheet**

<b>Release No.</b>	<b>Date</b>	<b>Revision Description</b>
Rev. 0	11/12/2018	User's Manual Jaivik Kheti version 0 and Checklist
Rev. 1	07/12/2018	User's Manual Jaivik Kheti version 1 and Checklist
Rev. 2	02/01/2019	User's Manual Jaivik Kheti version 2 and Checklist



I have carefully assessed the User's Manual for Jaivik Kheti. This document has been completed in accordance with the requirements of System Development Methodology.

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We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

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NAME  
Project Leader

---

DATE

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NAME  
Operations Division Director

---

DATE

---

NAME  
Program Area/Sponsor Representative

---

DATE

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NAME  
Program Area/Sponsor Director

---

DATE

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# USER'S MANUAL

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## **1.0 GENERAL INFORMATION**

## **1.0 GENERAL INFORMATION**

### **1.1 Authorized Use Permission**

MSTC provides you with access to a variety of resources on this website ("Web Site"), including documentation and other product information (collectively the "Documentation"), download areas, communication forums, and other services (collectively "Services"), software, including developer tools and sample code (collectively "Software"), and Application Program Interface information ("APIs"). The Documentation, Services, Software, and APIs (including any updates, enhancements, new features, and/or the addition of any new Web properties to the Web Site), are subject to the following Terms of Use ("TOU"), unless we have provided those items to you under more specific terms, in which case, those more specific terms will apply to the relevant item. Microsoft reserves the right to update the TOU at any time without notice to you. The most current version of the TOU can be reviewed by clicking on the "Terms of Use" hypertext link located at the bottom of our Web pages.

### **1.2 Points of Contact**

#### **1.2.1 Information**

The points of organizational contact (POCs) that may be needed by the document user for informational and troubleshooting purposes. Seller as well as buyer can raise grievance on jaivik kheti portal, you can also touch with us using helpdesk.

#### **1.2.2 Coordination**

The list of organizations that require coordination between the project and its specific support function (e.g., installation coordination, security, etc.) are currently not available.

#### **1.2.3 Help Desk**

Help desk information including responsible personnel phone numbers and Email Address for emergency assistance.

## **1.3 Organization of the Manual**

User's Manual v3.

### **1.4 Acronyms and Abbreviations**

Provide a list of the acronyms and abbreviations used in this document and the meaning of each.

App:	Application
KM:	Knowledge Management
MS:	Microsoft
Wiki:	Wikipedia
WP:	Windows Platform

## **2.0 SYSTEM SUMMARY**

## **2.0 SYSTEM SUMMARY**

### **2.1 JAIVIKKHETI PORTAL SUMMARY**

Jaivikkheti portal is a one stop solution for facilitating organic farmers to sell their organic product and promoting organic farming and its benefits. This portal caters various stakeholders like regional councils, local groups, individual farmers, buyers, and input suppliers. Details of local groups and farmers are fetched from PGS portal as details like farm output and crop details are readily available in PGS portal.

After registering, local groups and individual farmers can upload their products for online selling in the portal. They can fix the price, quantity, stocks, delivery charges and images of their products. They can also edit their existing products. Farmers are informed via messages and emails during various stages of product purchase to delivery. Sellers will receive their payment in their bank account within a pre-defined interval.

Buyers can view all the available products by visiting "e-bazaar" link of the portal. Facilities like online payment, order tracking, invoice details etc. are also available in the portal. Buyers can purchase their products at their own favorable price through enquiry based system. They may also raise future demands.

Knowledge repository section of the portal includes case studies, videos, and best farming practices, success stories and other material related to organic farming to facilitate and promote organic farming.

The portal also provides various price discovery mechanisms for sellers/buyers to get the right price for their products through enquiry based system, forward auction, price-quantity bidding, book building and reverse auctions.

Input suppliers also can register themselves in jaivikkheti portal, once they got verified; they can upload their Products with images, which will get displayed in the portal after proper verification.

#### **OTHER SPECIAL FEATURES:**

- Secured online payment facility
- Price discovery mechanisms through various E-auctions
- Demand based enquiry system
- 100% PGS certified genuine products
- Integration with FSSAI
- Grievance Redress Mechanism
- Helpdesk

## **2.2 System Configuration**

Windows features a new user interface, based upon Microsoft's Windows design system. The home screen, called the "Landing screen", is made up of "Tiles". Tiles are links to applications, features, functions and individual items (such as contacts, web pages, applications or media items). Users can add their Crop, Tiles are dynamic and update in real time -

## **2.3 User Access Levels**

Below are the lists of user based on their role.

1) Admin:

- a. Approve user (Non-PGS)
- b. Approve Crop (Non-PGS)
- c. Approve Farm (Non-PGS)
- d. Activate/De-active User/Crop/Farm
- e. Activate/View/Search Group
- f. Upload KM
- g. View/Approve Input Supplier
- h. Upload/View News/Event/Announcement
- i. Forgot Password

2) Farmer:

- a. Register
- b. Upload/View Farm Details
- c. Upload/View Product
- d. Upload/Deactivate/View Stock
- e. Accept order
- f. Confirm Delivery
- g. Give Enquiry Response
- h. Accept Enquiry Response
- i. Forgot Password
- j. Change Password

3) Farmer Group:

- a. View Profile Information
- b. Manage Account Details
- c. Create New Group
- d. Add farmer in Group
- e. Upload/ View Farm details
- f. Upload/View Crop Details
- g. Activate/De-active user of their Group
- h. Upload Product of their respective Group
- i. Accept order
- j. Confirm Delivery
- k. Give Enquiry Response
- l. Accept Enquiry Response

- m. Forgot Password
  - n. Change Password
  - o. Create/View Blog
  - p. View Future Demand
- 4) Input Supplier:
- a. Register
  - b. Upload their Product
  - c. Forgot Password
  - d. Change Password
  - e. View Uploaded Product
  - f. Add New Product
- 5) Buyer:
- a. Register
  - b. Buy Product
  - c. Give/View Enquiry
  - d. Accept Enquiry Response
  - e. Forgot Password
  - f. Place Future Demand
  - g. Add Address
  - h. My Order
  - i. View Cart
- 6) All User
- a. Add/View Grievance

Note:

- 1). Non-PGS's user required Admin Approval for their registration, Crop upload, farm upload etc.
- 2). Input Supplier & their products will appear on jaivik kheti Portal once it approved by Admin

## **3.0 GETTING STARTED**

## **3.0 GETTING STARTED**

### **3.1 User Registration**

#### **3.1.1 Farmer Registration:**

Farmer can register by providing below details:

- Personal Information
- Farm Details
- Bank Account Details

#### **3.1.2 Local Group Registration:**

- ❖ Can provide basic details of group (Group Name, Local Group Registration No)
- ❖ Team Leader's Basic Details
- ❖ Bank Account Details

#### **3.1.3 Input Supplier:**

- ✓ Basic Details
- ✓ Product Details

## **3.2 Logging On**

User can login using their credentials (Email/Mobile No and Password)

### **3.2.1 [Upload Crop]**

Farmer can upload their products for sell.

## **3.3 Changing User ID and Password**

Sign in to the Website.

Click Change Password at the top of the Home page, and open the Accounts and Import tab.

Click on Change Password.

In the new window, click Change password under the Personal information option.

Enter your current password and your new password.

### **3.4 Forgot Password**

User can reset new password by providing their details.

### **3.5 Exit System**

Click on Logout.

## **4.0 USING THE SYSTEM (ONLINE)**

## 4.0 USING THE SYSTEM (ONLINE)

URL: [jaivikKheti.in](http://jaivikKheti.in)

### 4.1 Farmer Registration

Below are the screens for Farmer Registration:-

Helpdesk - 033 2290 1004

[User Manual](#) [Grievance](#) [Registration](#) [Seller Login](#) [Admin login](#)

1). Click Here

E-Bazaar

Knowledge Management

Input Suppliers

Statewise Registered Farmers

State	Number of Farmers
Odisha	~4200
Jharkhand	~1800
Chhattisgarh	~1600
Tamil nadu	~1400
Daman and diu	~1200
Uttar pradesh	~1000
Madhya pradesh	~800
Maharashtra	~700
Rajasthan	~600
Manipur	~500
Karnataka	~400
West bengal	~300
Tripura	~200
Haryana	~150
Meghalaya	~100
Mizoram	~100
Himachal pradesh	~100
Telangana	~100
Gujarat	~100

13779  
Registered Farmers

406  
Local Groups

108  
Input Suppliers

### LATEST NEWS

Check out our latest stories

01st Jan 2018  
PIB  
These Organic Farmers Prove

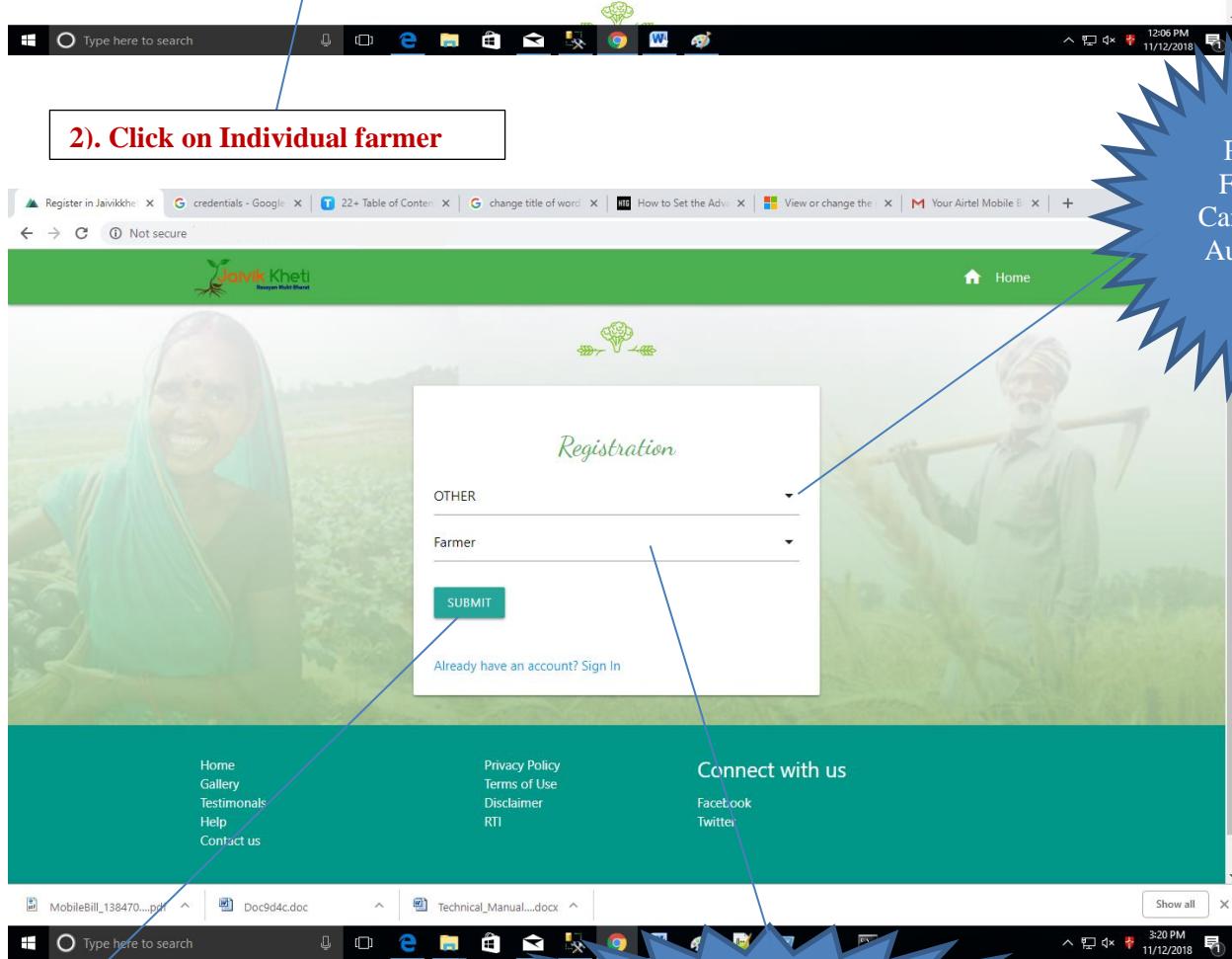
10th Jan 2018  
PIB  
Punjab Gets 'Jaivik India Award' For

15th Jan 2018  
PIB  
To promote organic farming, Goa

## 4.0 Using the System (Online)



HOW DO I REGISTER



2). Click on Individual farmer

PGS's  
Farmer  
Can Select  
Authority  
PGS



## 4.0 Using the System (Online)

The screenshot shows the 'New Farmer Registration' page. At the top, there is a green header bar with the 'Jaivik Kheti' logo and a 'Home' link. Below the header, the main form has a teal header 'Basic Detail'. It contains fields for First Name (Vijay), Last Name (Mallya), Gender (Male), Date of Birth (23-11-1988), Email ID (kingfisher@kingfisher.com), Mobile No (8909342167), Authority (JAS), Certificate Number (VI456732), and Category (General). A blue 'SAVE' button is located at the bottom of this section. Below this, there are two tabs: 'Address Detail' (selected) and 'Farm Detail'. The status bar at the bottom shows various file icons and system information like the date and time.

**4). Fill and Save Basic Details**

The screenshot shows the 'New Farmer Registration' page. The 'Address Detail' tab is selected. It contains fields for Address Line 1 (Bangalore Chanllanger), State (KARNATAKA), District (BANGALORE), Sub District (Bangalore North), Village (Alur), and Pincode (987654). A blue 'SAVE' button is located at the bottom of this section. Below this, there are tabs for 'Basic Detail' (selected) and 'Farm Detail'. The status bar at the bottom shows various file icons and system information like the date and time.

**5). Fill and Save Address of farmer**

## 4.0 Using the System (Online)

New Farmer Registration

Basic Detail

Address Detail

Farm Detail

State: KARNATAKA | District: BANGALORE | Sub District: Bangalore North

Mandal/Block: ANEKAL | Village: Alur | Landmark: Near BSNL Office

Area of Field: 1200 | Unit: Hectares | LandRecord No/Survey No: 121

**SUBMIT**

Home Privacy Policy Connect with us

Show all

**6). Fill and Submit Farm details of farmer**

Create Password

Enter a New Password  
.....

Confirm Password  
.....

**SUBMIT**

Account will activate once admin approve

Home Privacy Policy Connect with us

Gallery Terms of Use Facebook

Testimonials Disclaimer Twitter

Help RTI

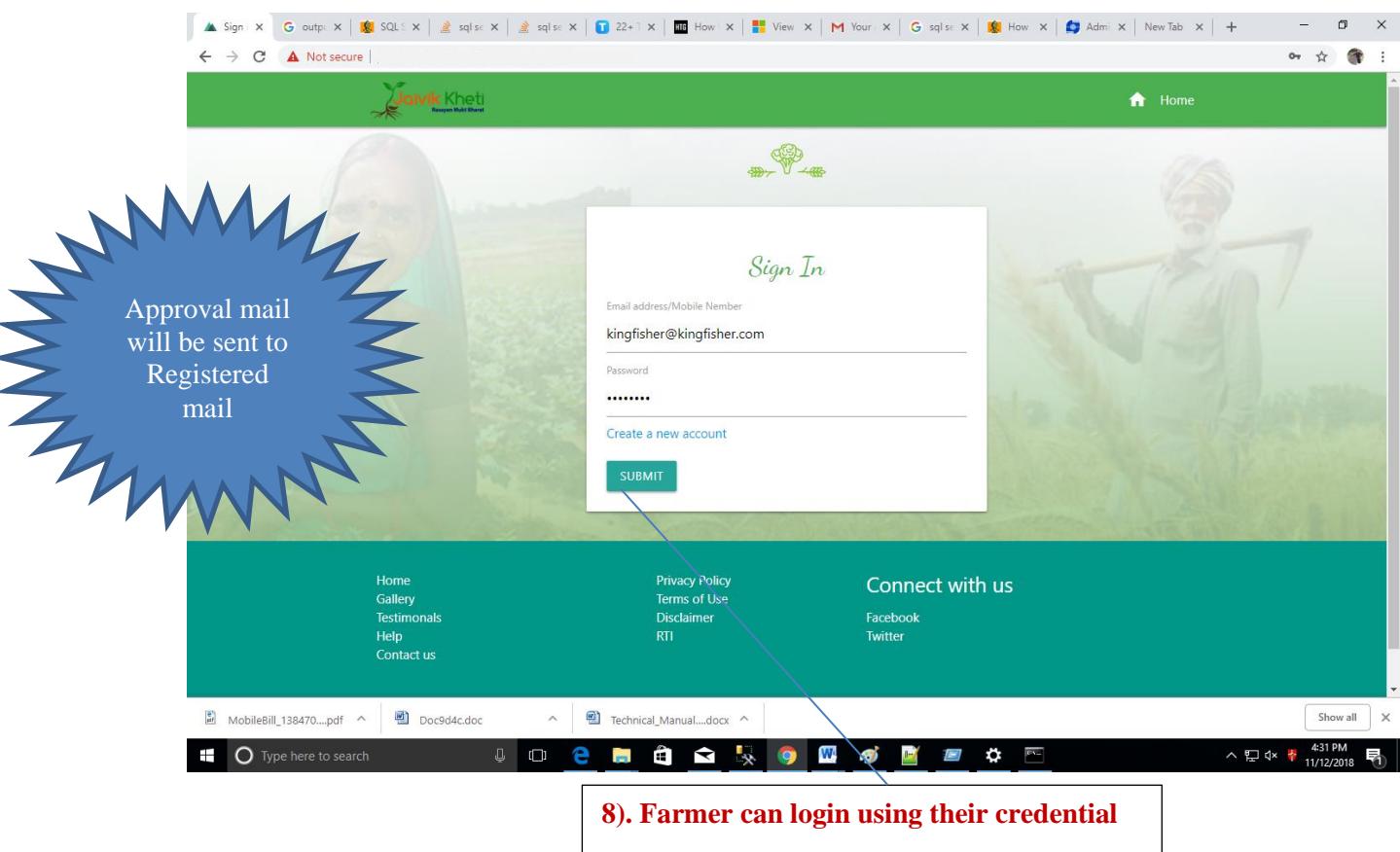
Contact us

Developed by MSTC Ltd

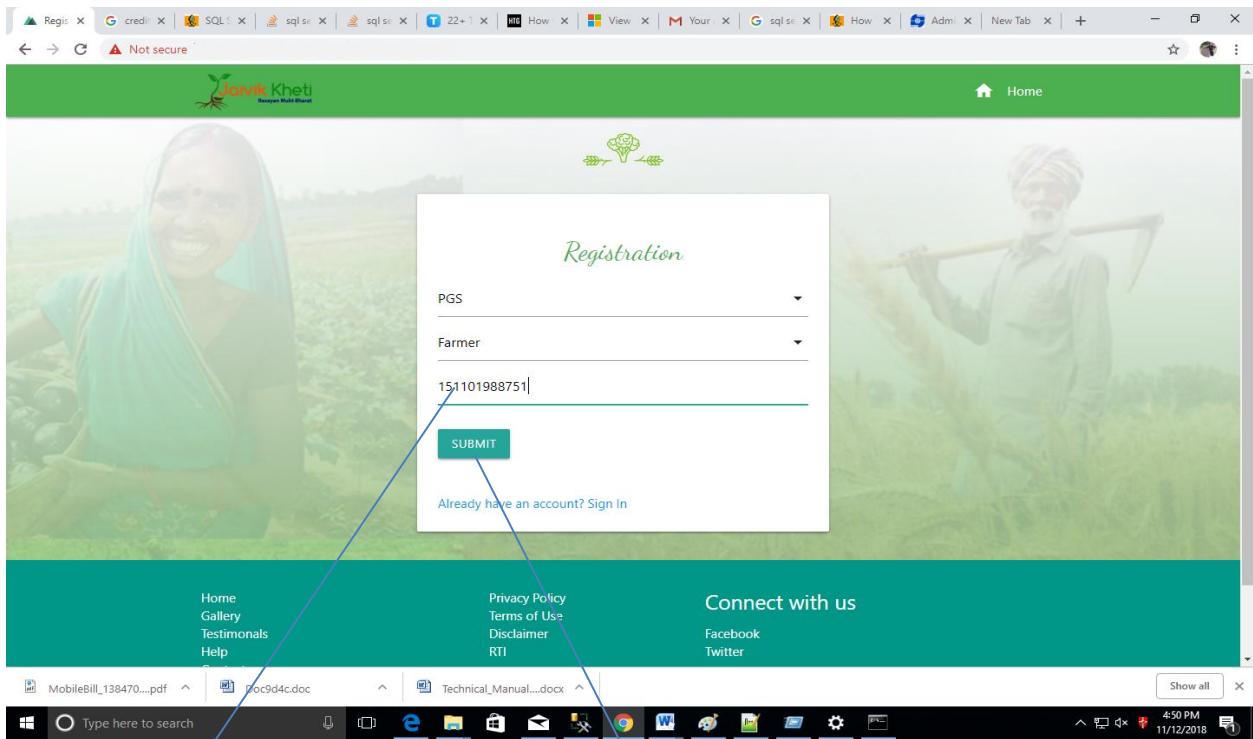
MobileBill\_138470...pdf Doc9d4c.doc Technical\_Manual...docx

Show all

**7). Fill and Submit Password**



## **4.2 PGS Farmer Registration**



1). Required PGS Member Code for Registration. Submit Details as shown in screen

1). PGS Member Code is mentioned in PGS-Scope Certificate to a particular Farmer.



## PGS - India

A Participatory Organic Guarantee Programme  
Under National Project on Organic Farming  
Department of Agriculture and Cooperation  
Govt of India

**Certificate No. - 182000160777**  
**Date of Issue (MM/DD/YYYY) - 12/6/2018**

### Scope Certificate

This is to certify that the product(s) and area(s) of the mentioned farmer Smt. VITOLA DEVI

belonging to PGS-India Group

Smt. VITOLA DEVI

Registered with Regional Council No. PGSI/NC(UP)-1382

Deputy Director Agriculture, HAMIRPUR (U.P.)

are in accordance with requirements of

#### PGS-India National Standards For Organic Production

For the process of:

**"Crop Production"**

#### This Scope Certificate

valid from (MM/DD/YYYY) 12/6/2018 until (MM/DD/YYYY) 12/5/2019  
for those product(s) and area(s) specified in the annex

The validity of this certificate solely depends on the continued compliance with the required standards and PGS-India guidelines.



Local Group :  
HAMIRPUR  
JAIVIK  
KRASHI  
SAMUH,  
BIHERKA  
Local Group Code :

LG2000007278

Regional Council : Deputy Director Agriculture, HAMIRPUR (U.P.)

The validity of this certificate solely depends on the continued compliance with the required standards and PGS-India guidelines.

Member Code	Member Name	Total Organic Area(Ha)	Farmer Status	Crops/Produce
113842	Smt. VITOLA DEVI	0.4	PGS GREEN	1 : SESAME (GINGELLY/TIL) (Area : 0.4 Ha)

Farmer Can Find  
Member Code  
in Certificate  
Given by PGS

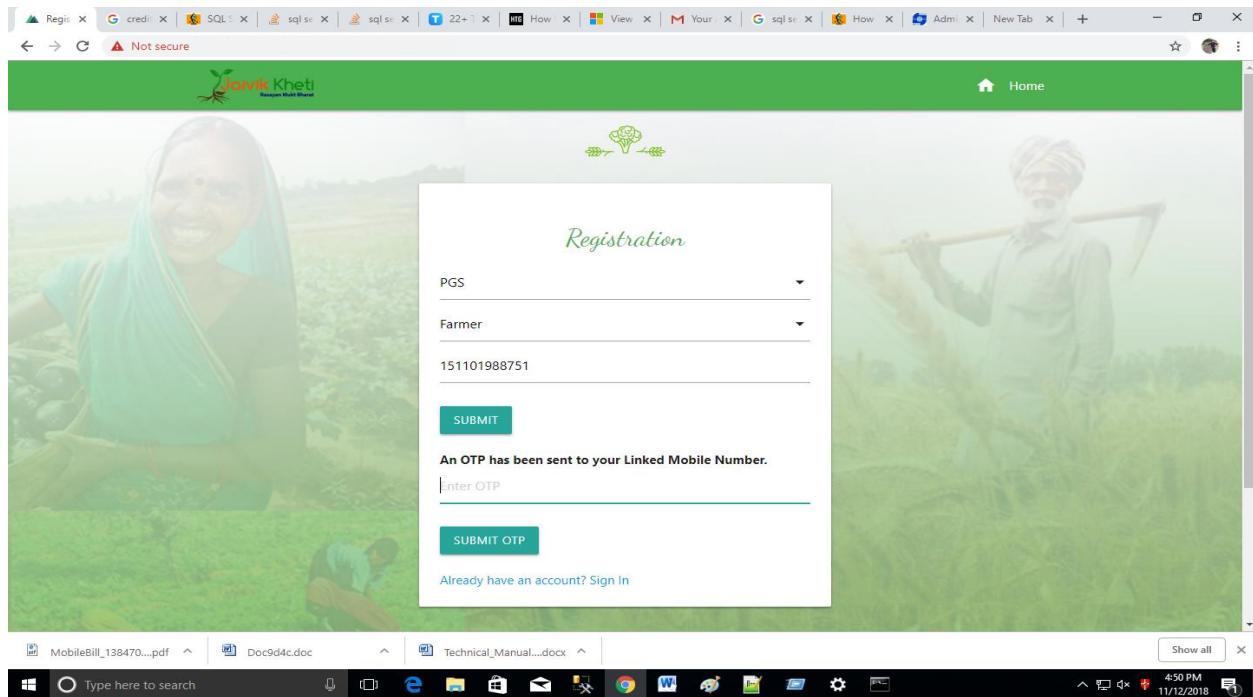
Signature of PGS India Group Leader  
Local Group No. LG2000007278

Authorized by :  
Deputy Director Agriculture, HAMIRPUR (U.P.)  
Regional Council for PGS in UTTAR PRADESH  
Authorization No. - PGSI/NC(UP)-1382  
Date - 12/6/2018



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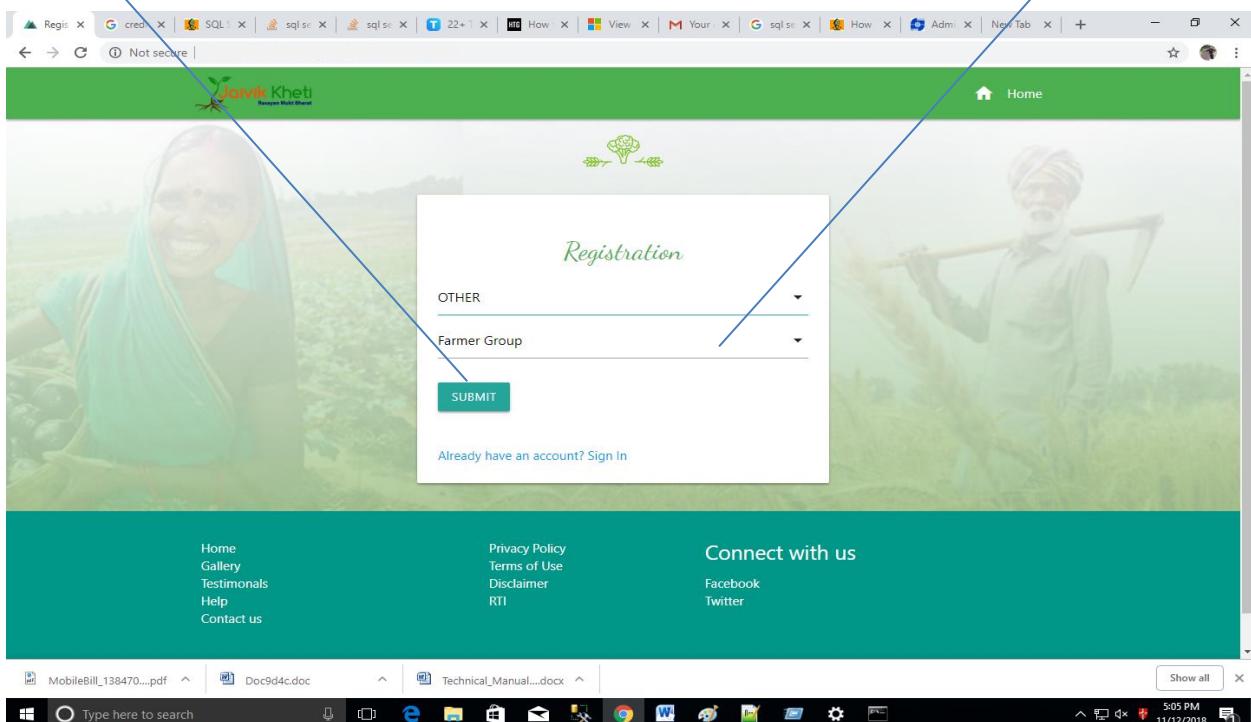
This Website belongs to Department of Agriculture & Cooperation, Ministry of Agriculture and Farmers Welfare, Government of India  
Designed & Developed by Agriculture Informatics Division, National Informatics Centre, Ministry of Communication and IT, Govt. of India



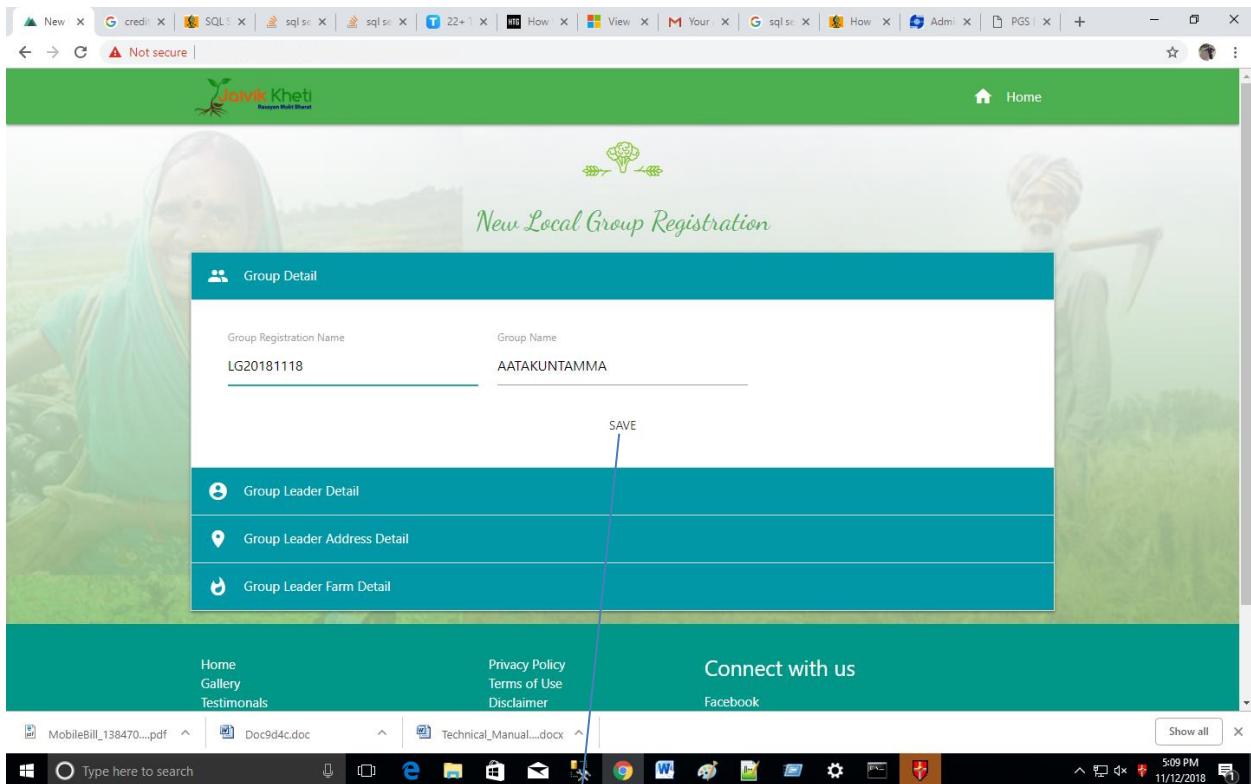
2). OTP will send to registered email Id and Mobile associated PGS Portal, in case no email configured then System will redirect to PGS Portal to update Email.

Account will Activated after successful OTP Validation.

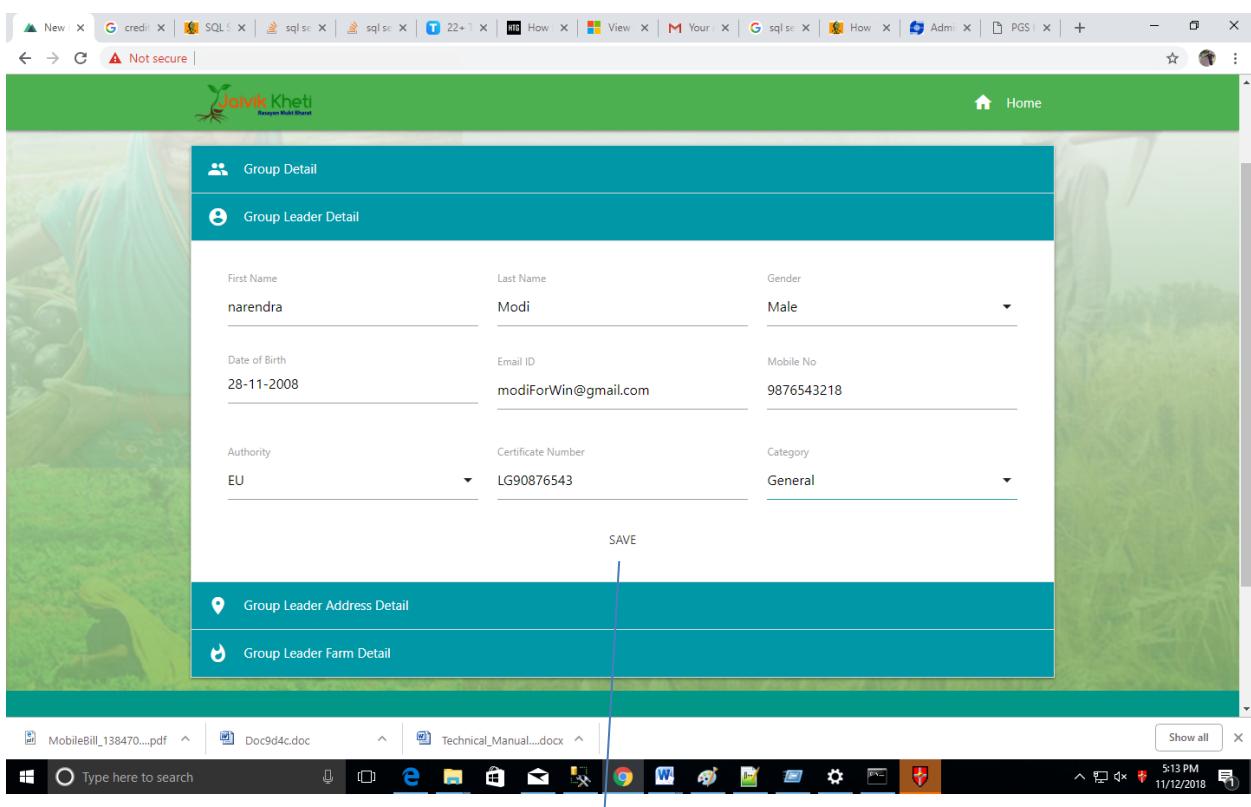
### 4.3 Local Group Registration:



## 4.0 Using the System (Online)



3). Enter Group Details & Click on Save



4). Enter Group Leader's Details & Click on Save

## 4.0 Using the System (Online)

Group Leader Address Detail

Address Line 1: kushi nagar

State: GUJARAT

District: GANDHINAGAR

Sub District: Gandhinagar

Village: Chandrala

Pincode: 876543

SAVE

Group Leader Farm Detail

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5). Enter Group Leader's Address & Click on Save

Group Leader Farm Detail

State: GUJARAT

District: GANDHINAGAR

Sub District: Gandhinagar

Mandal/Block: GANDHINAGAR

Village: Alampur

Landmark: near jamia masjid

Area of Field: 123

Unit: Hectares

LandRecord No/Survey No: 2345

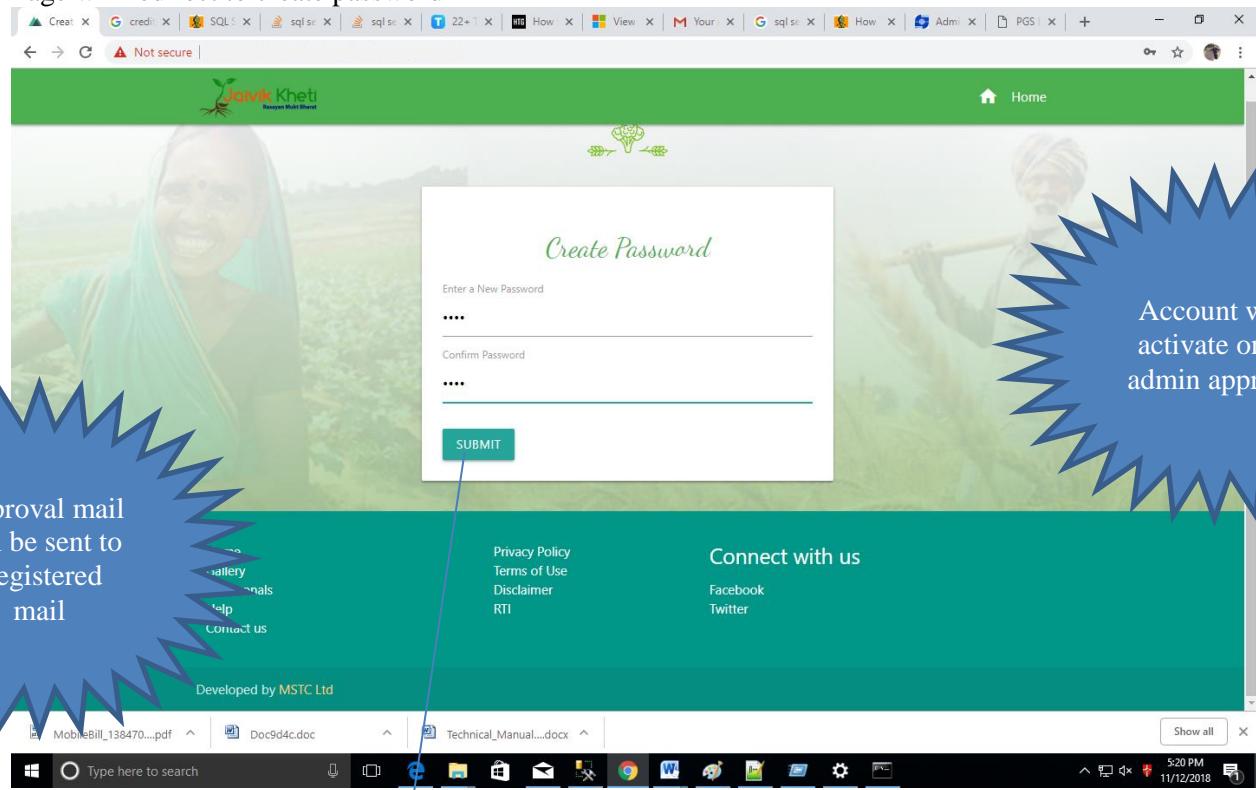
SUBMIT

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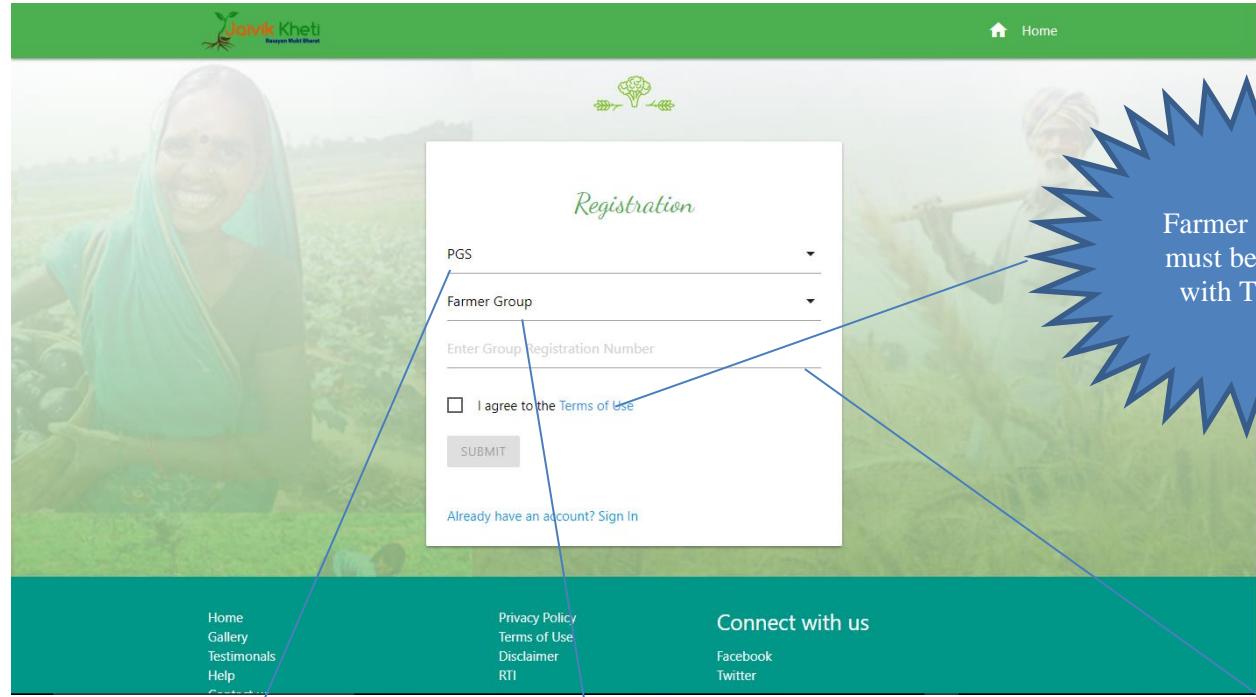
6). Enter Group Leader's Farm & Click on Submit

Page will redirect to create password



7). Enter password & Click on Submit

### Local Group Registration For PGS:



1). Select PGS for PGS-Local Group

2). Select Farmer Group

3). Enter Group Registration No.

**Note:** PGS Group can be register using Group Registration No. as given below:

		<p style="text-align: center;"><b>PGS - India</b> A Participatory Organic Guarantee Programme Under National Project on Organic Farming Department of Agriculture and Cooperation Govt of India</p>										
<p><b>Certificate No. - 182000160777</b> <b>Date of Issue (MM/DD/YYYY) - 12/6/2018</b></p>												
<h3><b>Scope Certificate</b></h3> <p>This is to certify that the product(s) and area(s) of the mentioned farmer Smt. VITOLA DEVI belonging to PGS-India Group Smt. VITOLA DEVI Registered with Regional Council No PGSI/NC(UP)-1382 Deputy Director Agriculture, HAMIRPUR (U.P.) are in accordance with requirements of <b>PGS-India National Standards For Organic Production</b> For the process of : <b>"Crop Production"</b></p> <p><b>This Scope Certificate</b> valid from (MM/DD/YYYY) 12/6/2018 until (MM/DD/YYYY) 12/5/2019 for those product(s) and area(s) specified in the annex</p> <p>The validity of this certificate solely depends on the continued compliance with the required standards and PGS-India guidelines.</p> <p><b>Group Registration No.</b>  LG2000007278</p> <p><b>Local Group :</b> HAMIRPUR JAIVIK KRASHI SAMUH, BIHERKA <b>Local Group Code :</b></p> <p><b>Regional Council :</b> Deputy Director Agriculture, HAMIRPUR (U.P.) The validity of this certificate solely depends on the continued compliance with the required standards and PGS-India guidelines.</p> <table border="1"><thead><tr><th>Member Code</th><th>Member Name</th><th>Total Organic Area(Ha)</th><th>Farmer Status</th><th>Crops/Produce</th></tr></thead><tbody><tr><td>113842</td><td>Smt. VITOLA DEVI</td><td>0.4</td><td>PGS GREEN</td><td>1 : SESAME (GINGELLY/TIL) (Area : 0.4 Ha)</td></tr></tbody></table> <p style="text-align: right;">Signature of PGS India Group Leader Local Group No. LG2000007278</p> <p><b>Authorised by :</b> Deputy Director Agriculture, HAMIRPUR (U.P.) Regional Council for PGS in UTTAR PRADESH Authorisation No. - PGSI/NC(UP)-1382 Date : 12/6/2018</p>			Member Code	Member Name	Total Organic Area(Ha)	Farmer Status	Crops/Produce	113842	Smt. VITOLA DEVI	0.4	PGS GREEN	1 : SESAME (GINGELLY/TIL) (Area : 0.4 Ha)
Member Code	Member Name	Total Organic Area(Ha)	Farmer Status	Crops/Produce								
113842	Smt. VITOLA DEVI	0.4	PGS GREEN	1 : SESAME (GINGELLY/TIL) (Area : 0.4 Ha)								

## 4.4 Input Supplier Registration:



### HOW DO I REGISTER

1). Click on Input Supplier

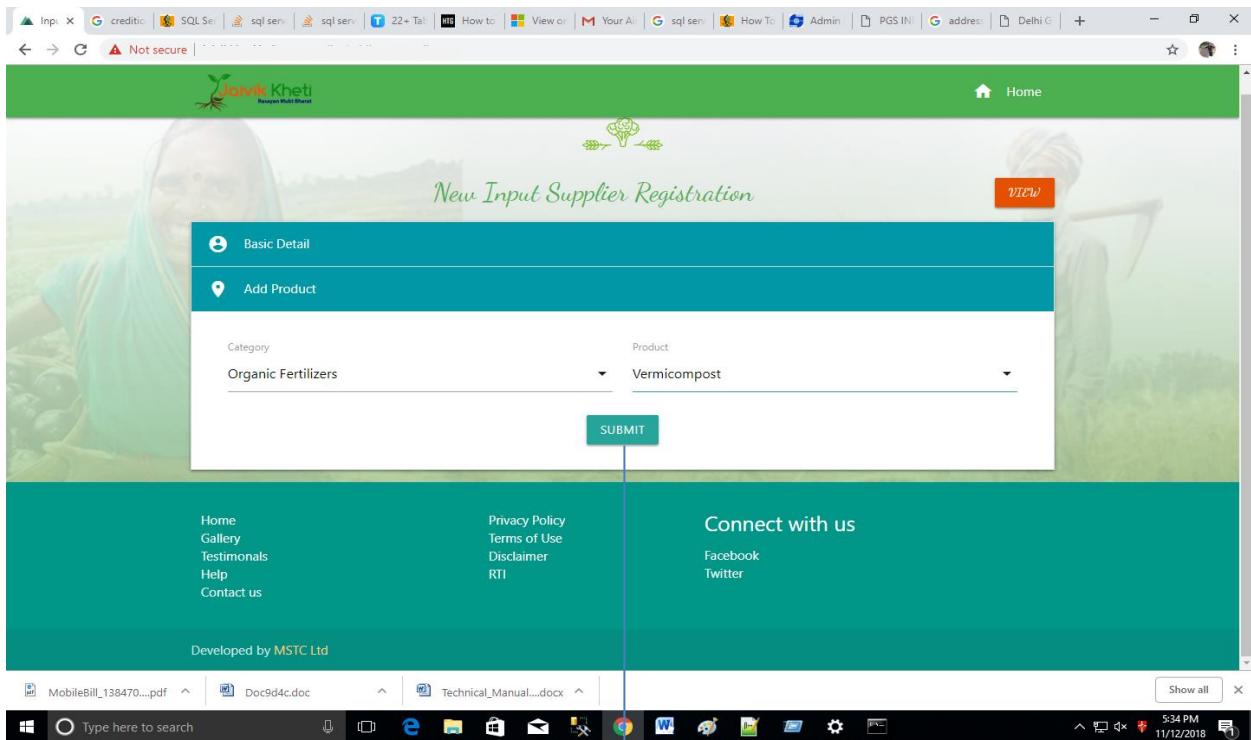
The screenshot shows the "New Input Supplier Registration" form. It has a teal header bar with the title "Basic Detail". The form fields include:

Input Supplier Name Test Input Supplier	Licence No. DLIP56789H	Pincode 698773
State DELHI	Email ID inputsupplier@gmail.com	Mobile No. 9985672112
Address 3rd level, Delhi Secretariat, I.P. Estate, New Delhi-110002		

At the bottom, there are "Add Product" and "SAVE" buttons. A blue line from the previous step points to the "SAVE" button.

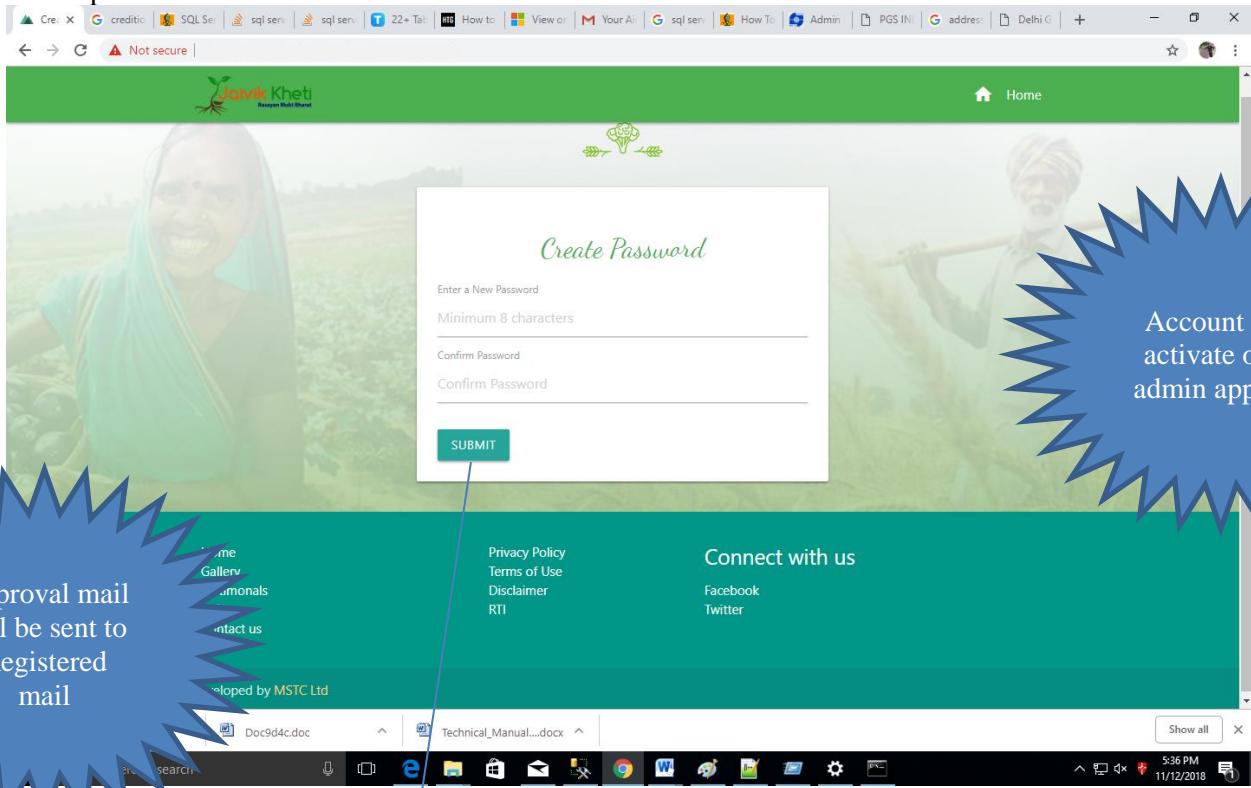
2). Save Basic Details of Input Supplier

## 4.0 Using the System (Online)



3). Add Product Details of Input Supplier and Submit

Create password for Account



7). Enter password & Click on Submit

## 5.0 ACTIVATION / REJECTION OF FARMER, FARMER GROUP, INPUT SUPPLIER

### 5.1 Activate Farmer

Jaivik Kheti Admin Login

User Name  
dkpal@mstcindia.co.in

Password  
.....

Enter Captcha  
UUJHC

**LOGIN**

Home  
Gallery  
Testimonials  
Help  
Privacy Policy  
Terms of Use  
Disclaimer  
Facebook  
Twitter

1). Enter password & Click on Submit

ADMIN DASHBOARD

PENDING FARMERS  
1  
APPROVE FARMERS

PENDING GROUPS  
1  
APPROVE LOCAL GROUPS

PENDING CROPS  
0  
APPROVE CROPS

PENDING INPUT SUPPLIERS  
1  
APPROVE INPUT SUPPLIERS

1). Click on Approve Farmers

**FARMER ACTIVATION**

VIEW	FARMER NAME	CERTIFYING AUTHORITY	CERTIFICATE NO.	ENTRY DATE
<input checked="" type="checkbox"/>	Vijay Mallya	JAS	VJ456732	Nov 12 2018 3:42PM

2). Click on view image

**FARMER DETAILS**

Personal Details

Name: Vijay Mallya  
Gender: Male  
Mobile No: 8909342167  
email: kingfisher@kingfisher.com

Address Details

Address: Bangalore Chanllanger  
PIN: 987654  
State Name: KARNATAKA  
District Name: BANGALORE  
Village Name: Alur  
Mandal Block:  
Gram Panchayat: Test

Farm Details

Village Name	Tehsil	Total Area	Landmark	Land Record/Survey No.
Alur	ANEKAL	1200-Hectares	Near BSNL Office	121

APPROVE      CANCEL

3). Click on Approve

4). Click on Cancel for Reject Farmer

**Note:** Admin will Receive Confirmation message once Farmer Activated/Rejected

## 5.2 Activate Group

The screenshot shows the 'ADMIN DASHBOARD' with the 'Jaivik Kheti' logo at the top right. The dashboard has four main sections: 'PENDING FARMERS' (1), 'PENDING GROUPS' (1), 'PENDING CROPS' (0), and 'PENDING INPUT SUPPLIERS' (1). A blue arrow points from the text '1). Click on Approve Local Group' to the 'APPROVE LOCAL GROUPS' button in the 'PENDING GROUPS' section.

**PENDING FARMERS**  
1  
APPROVE FARMERS

**PENDING GROUPS**  
1  
APPROVE LOCAL GROUPS

**PENDING CROPS**  
0  
APPROVE CROPS

**PENDING INPUT SUPPLIERS**  
1  
APPROVE INPUT SUPPLIERS

**1). Click on Approve Local Group**

The screenshot shows the 'LOCAL GROUP ACTIVATION' page with the 'Jaivik Kheti' logo at the top right. It displays a table with columns: VIEW, LOCAL GROUP NAME, GROUP LEADER NAME, CERTIFYING AUTHORITY, REGISTRATION NO., and ENTRY DATE. One row is shown: AATAKUNTAMMA, narendra Modi, EU, LG90876543, Nov 12 2018 5:20PM. A blue arrow points from the text '2). Click on view' to the 'VIEW' link in the table row.

VIEW	LOCAL GROUP NAME	GROUP LEADER NAME	CERTIFYING AUTHORITY	REGISTRATION NO.	ENTRY DATE
<a href="#">VIEW</a>	AATAKUNTAMMA	narendra Modi	EU	LG90876543	Nov 12 2018 5:20PM
<a href="#">VIEW</a>	GROUP NAME	GROUP LEADER NAME	AUTHORITY NAME	CERTIFICATE NO.	

**2). Click on view**

## 4.0 Using the System (Online)

The screenshot shows the 'GROUP DETAILS' page in the Jaivik Kheti Admin system. The left sidebar has an 'ADMIN MENU' with links: Group Details, Farmer Details, Crop Details, Knowledge Management, Input Supplier Details, Reports, and History. The main content area shows 'GROUP DETAILS' with a back button and a 'Group Activation' link. It displays 'Group Details' (Group Name: AATAKUNTAMMA, Registration No.: LG20181118, Name: narendra Modi, Gender: Male, Mobile No: 9876543218, email: modiForWin@gmail.com) and 'Address Details' (Address: kushi nagar, PIN: 876543, State Name: GUJARAT, District Name: GANDHINAGAR, Village Name: Chandrala, Mandal Block: MEHGAON, Gram Panchayat: Test). Below this is a table for 'Group leader Farm Details' with columns: Village Name, Tehsil, Total Area, Landmark, and Land Record/Survey No. The data shows Alampur, GANDHINAGAR, 123-Hectares, near jamia masjid, and 2345. At the bottom are 'APPROVE' and 'CANCEL' buttons. Two orange boxes at the bottom provide instructions: '3). Click on Approve for Group Approval' and '4). Click on Cancel for Reject Group'.

3). Click on Approve for Group Approval

4). Click on Cancel for Reject Group

**Note:** Admin will Receive Confirmation message once Group Activated/Rejected

## 5.3 Activate Input Supplier

The screenshot shows the 'ADMIN DASHBOARD' with the following sections:

- PENDING FARMERS:** 0 (with 'APPROVE FARMERS' button)
- PENDING GROUPS:** 0 (with 'APPROVE LOCAL GROUPS' button)
- PENDING CROPS:** 0 (with 'APPROVE CROPS' button)
- PENDING INPUT SUPPLIERS:** 1 (with 'APPROVE INPUT SUPPLIERS' button)

1). Click on Approve Input Supplier

The screenshot shows the 'INPUT SUPPLIER ACTIVATION' page with the following details:

SELECT	SUPPLIER NAME	ADDRESS	STATE	LICENSE NO.	CATEGORY	PRODUCT NAME	ENTRY DATE
<input type="checkbox"/>	Test Input Supplier	3rd level, Delhi Secretariat, I.P. Estate, New Delhi-110002. - 698773	DELHI	DLIP56789H	Organic Fertilizers	Vermicompost	11/12/2018 12:00:00 AM

Below the table, there is a search bar and two buttons: 'APPROVE' (green) and 'CANCEL' (red).

Click on desire checkbox for Activation of Input Supplier

2). Click on Approve (For Input Supplier)

3). Click on Cancel for Reject Group (For Input Supplier)

**Note:** Admin will Receive Confirmation message once Input Supplier Activated/Rejected

## 5.4 Crop Activation

The screenshot shows the 'ADMIN DASHBOARD' with four main sections:

- PENDING FARMERS:** 0 (Green box) with a button labeled 'APPROVE FARMERS'.
- PENDING GROUPS:** 0 (Orange box) with a button labeled 'APPROVE LOCAL GROUPS'.
- PENDING CROPS:** 1 (Green box) with a button labeled 'APPROVE CROPS'.
- PENDING INPUT SUPPLIERS:** 2 (Orange box) with a button labeled 'APPROVE INPUT SUPPLIERS'.

A blue arrow points from the text '1). Click on Approve Crop' in a callout box at the bottom to the 'APPROVE CROPS' button.

The screenshot shows the 'CROP ACTIVATION' page with a table containing one row of data:

VIEW	FARMER NAME	CERTIFYING AUTHORITY	CROP COUNT	STATE	VILLAGE	ENTRY DATE
<input checked="" type="checkbox"/>	Anup Purty	JAS	1	KERALA	Erattupetta	

A blue arrow points from the text '2). Click on View' in a callout box at the bottom to the first column of the table header.

**FARMER CROP DETAILS**

Personal Details

Name: Anup Party  
Gender: Male  
Mobile No: 9874428002  
email: bharatiya@mstoindia.co.in

Address Details

Address: ABC  
PIN: 110059  
State Name: KERALA  
District Name: KOTTAYAM  
Village Name: Erattupetta  
Mandal Block:  
Gram Panchayat: Test

Farm Details

Village Name	Tehsil	Total Area	Landmark	Land Record/Survey No.
Elackad	ERATTUPETTA	100-Acre	Near Farm gate	125GHJK/0

Crop Details

✓ Season	Crop Category	Crop Name	Plantation Date	Pruning Date	Certification Level	FSSAI License No.	Allowed Qty
✓ Summer	FRUITS	Bibhitaki Shell Terminalia bellirica Fruits (12119099)	Nov 06, 2018	Nov 13, 2018	PGS-ORGANIC		1234.00- Quintals

**APPROVE**    **CANCEL**

2). Click on approve for reject Crop

3). Click on Cancel for Reject Crop

## 6.0 KNOWLEDGE MANAGEMENT

### 6.1 Knowledge Repository Content Upload

**ADMIN MENU**

- Group Details >
- Farmer Details >
- Crop Details >
- Knowledge Management** >
- UPLOAD DOCS**
- View Documents**
- Input Supplier Details >
- Reports
- History

**KNOWLEDGE REPOSITORY CONTENT UPLOAD**

\* SELECT CONTENT TYPE  
--Select Content Type --

\* ENTER TITLE

\* ENTER DESCRIPTION

\* ENTER LINK

SUBMIT    CLEAR

Submit to publish KM

Enter Appropriate Title

Here you can provide External link of Video Tutorial/Training Material/Government Policies Based on Selected Content

- Video Tutorial
- Training Material
- Government Policies

## 6.2 Knowledge Management

KM Portal is basically related about Video Tutorial, Training Material, Government Policies of Organic Farming, Organic Product, fertilizer etc.



This section is titled 'Information for Researchers and Academics' and features a blue background with a hand in a blue glove holding a plant. It contains five document thumbnails: 'Production Technology of Organic Inputs in hindi', 'Production Technology of Organic Inputs', 'Innovative Research in Organic 3.0, Volume-I (Organic World Congress, 201...', 'Innovative Research in Organic 3.0, Volume-II (Organic World Congress, 201...', and 'Biofertilizer and Organic Farming in FCO'.

This section is titled 'Organic Farming Related Materials' and has a green background with a hand holding a wheat stalk. It displays six document thumbnails: 'Transition From Conventional Farming To Organic', 'Indigenous Technical knowledge (ITKS)', 'Waste Decomposer - Hindi Pamphlet\_Hindi', 'Kenchua Khad', 'Kachra Apaghatak (Kisan kee dujneeyay ka marga)', and 'Jaivik Kheti in hindi'.

## 7.0 KNOWLEDGE MANAGEMENT INPUT SUPPLIER

State wise Input Supplier and their contact have been given below:-

Input Supplier Name	State	Address	Contact Detail	Products
AGRO BIO TECH RESEARCH CENTRE LTD	KERALA	INDUSTRIAL AREA, POOVANTHURUTH, KOTTAYAM - 686012	abtecinia@gmail.com, 9446302900	Organic Manure (Organic Fertilizers)
Siddaganga Oil & Bio Industries LLP	KARNATAKA	N H 4,Tumakuru - 572103	siddibio@gmail.com, 8971122247	Liquid Consortia (Biofertilizers)
K N BIOSCIENCES INDIA PVT LTD	TELANGANA	Sy.no.487, Bachupally Village and Mandal, Medchal-Malkajgiri District, Hyderabad - 500090	sudhaknbl@gmail.com, 9908018102	Azotobacter (Biofertilizers)
M/S SAKTI BIOFERTILIZER	ODISHA	M/s Sakti Bio-Fertilizers, Bankualo, Mahisopat, Dhenkanal, Odisha, 759013 - 759013	saktibiofertilizers@rediffmail.com, 9439468968	Azospirillum (Biofertilizers)
Y S Sons Agrotech	HIMACHAL PRADESH	Vill : Malkumarja, Baddi, Dist : Solan Himachal Pradesh 173205 - 173205	info@yssonsagrotec.com , 9218514001	Acetobacter (Biofertilizers)
Director of Agriculture	WEST BENGAL	Govt of West Bengal		

## 8.0 CROP UPLOAD

Add New Crop

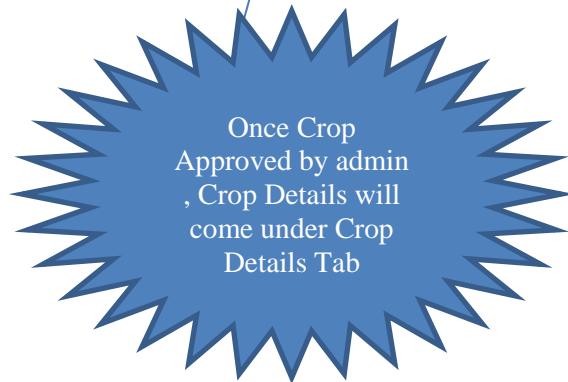
Crop Category <b>FRUITS</b>	Crop Sub Category <b>Bel Extract/Aegel marmelos Fruits (0813409C)</b>	Select Season <b>Rabi</b>
Plantation Date <b>11/05/2018</b>	Harvesting Date <b>11/30/2019</b>	Certification Level <b>LG3542727</b>
Certification From Date <b>11/20/2018</b>	Certification To Date <b>11/23/2018</b>	Maximum allowed Quantity <b>1234</b>

**SUBMIT**

1). Click on Add Crop, fill details of Crop and submit it

After Successful Submit, it will pending for approval of admin.

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Add Products'. The page has a green header bar with the logo 'Jalvik Kheti' and a user profile 'Hi Anup Party' with a 'Logout' link. On the left, there's a 'SELLER MENU' sidebar with options like 'Add Crop', 'Account Settings', 'Product Details', and 'Knowledge Management'. The main content area has two tabs: 'Select Farm' and 'Crop Details'. The 'Select Farm' tab shows a single entry: '100 Acre Elackad, ERATTUPETTA - Meenachil KOTTAYAM, KERALA'. The 'Crop Details' tab is currently selected and displays a message 'No crops found!' with a '+ ADD CROP' button. Below these tabs is a form for 'Add Stock'. It includes fields for 'Quantity' (with placeholder 'Enter quantity'), 'Unit', 'Delivery Mode' (checkboxes for 'Doorstep Delivery' and 'Farm Gate Pickup'), 'Price', 'Choose selling location' (dropdown menu), 'Fssai License No' (placeholder 'Fssai License No'), and 'Images' (button labeled 'IMAGES' with a placeholder 'Upload one or more files'). A 'SAVE' button is at the bottom. The Windows taskbar at the bottom shows various pinned icons and the date/time '11/13/2018 1:26 PM'.



**Note:** PGS-Crop will come during login. No need to Upload Crop. Skip Step 1 for PGS and follow below common steps for all:-

Once Crop approved by admin (Refer 5.4), Crop will come under below screen

Farmer can select Farm and Crop and fill Details Quantity Allowed for sell

Crop	Type	Quantity Allowed	Remaining Quantity
COTTON (KAPAS)	PGS ORGANIC	6 Quintals	6 Quintals remaining
ORANGE	PGS ORGANIC	10 Quintals	7 Quintals remaining
SORGHUM (JOWAR/GREAT MILLET)	PGS ORGANIC	6 Quintals	6 Quintals remaining
SOYBEAN (BHAT)	PGS ORGANIC	15 Quintals	15 Quintals remaining
BLACK GRAM (URD BEAN)	PGS ORGANIC	2 Quintals	2 Quintals remaining
PIGEON PEA (RED GRAM/ARHAR)	PGS ORGANIC	4 Quintals	4 Quintals remaining
TURMERIC	PGS ORGANIC	6 Quintals	4 Quintals remaining

**2). Select Crop**

Enter Quantity of One Packet. (Eg. 2 kg can be selected as given)

**Add Stock**

**Product Details**

Quantity in one pack	Select Unit
2	Kilograms

Price of one pack  
200

Number of packs  
5

Description about your product  
The pigeon pea (*Cajanus cajan*) is a perennial legume from the family Fabaceae. Since its domestication in the Indian subcontinent at least 3,500 years ago, its seeds have become a common food in Asia, Africa, and Latin America. It is consumed on a large scale mainly in south Asia and is a major source of protein for the population of the Indian subcontinent.

Price of One Pack ( Eg. Rs 200 for 2kg mentioned here)

No of Pack (Eg. Total 5 No. of pack of 2kg for sell)

If you select doorstep delivery than need to mention Delivery Price for district, state and country

Browse and select Single or Multiple image for stock

Note:  
Uploaded Product will come under shop section

Select Delivery Mode either Farm Gate or Doorstep or Both

In case Farm Gate Pickup then selects farm gate pickup address from Popup

**Delivery Details**

**Delivery Mode\***

- Doorstep Delivery
- Farm Gate Pickup

Choose selling location  
All over India

**Validations**

GST Exempted  
Yes

DON'T KNOW ABOUT GST RATES? CLICK HERE.

Fssai License No

Has Joivik Logo  
Yes

**Upload Images**

**SELECT FILES** Upload one or more files

**UPLOAD PRODUCT**

**Click on upload**

## 9.0 BUYER GUIDE

2). User Can filter by Crop name or price

3). Click here for product view

**TURMERIC**  
SPICES AND CONTIMENTS

Total weight  
40 Kilograms      Total price  
₹ 4000.00

14 stocks available

Delivery Type  
Farmgate

Select Quantity  
1      ADD TO CART

**Details**

Certification Level	PGS GREEN
Sold By	RAMAKANTA PRADHAN

Click on Add to Cart

## 4.0 Using the System (Online)

The screenshot shows the 'Order Summary' page of the Jaivik Kheti website. At the top, there's a navigation bar with links for 'Shop', 'Cart' (containing 1 item), 'Login', and 'Registration'. The main content area has two sections: 'Your Cart' on the left and 'Order Summary' on the right. In the 'Your Cart' section, it lists 'PADDY (DHAN)' as 25 Kilograms at ₹ 1250.00 with 'Doorstep Delivery'. Below this, it says 'Quantities: 1'. In the 'Order Summary' section, it details the same product information: 'PADDY (DHAN)' × 1, 25 Kilograms, ₹ 1250.00. It also includes breakdowns for GST (₹ 62.5) and Delivery (₹ 0.00). The total amount is listed as ₹ 1312.50. A large blue starburst graphic on the right contains the text: 'You need to Register or login using Mobile No and Password for further process'.

The screenshot shows the 'Order Summary' page of the Jaivik Kheti website, similar to the one above but with additional address selection fields. The top navigation and cart summary are identical. The 'Your Cart' section shows the same product: 'PADDY (DHAN)' (25 Kilograms, ₹ 1250.00, Doorstep Delivery). The 'Order Summary' section shows the same breakdown: PADDY (DHAN) × 1, 25 Kilograms, ₹ 1250.00, GST (₹ 62.5), Delivery (₹ 1500.00), and Total (₹ 2812.50). Below the order summary, there are two blue starburst graphics. The first one, pointing to the 'Order Summary' section, contains the text: 'You need to Register or login using Mobile No and Password for further process'. The second one, pointing to the 'Select Delivery Address' field, contains the text: 'Select delivery address and process to Payment'.

You will receive  
Invoice Once  
your payment  
Success.

IndusInd Bank

Amount Rs. 2812.50 Transaction ID: 1531

Choose a payment method

Credit Card Debit Card Net Banking

Card Type  **VISA**  **MasterCard**

Card Number

Name on Card

CVV Number  What is CVV number?

Expiry Date  Month  Year

Note: In the next step you will be redirected to your bank's website to verify yourself.

**Pay Now**

or Go back to [www.jaivikkheti.in](http://www.jaivikkheti.in)

Note: Making Payment on PayU is 100% safe. Your transaction is processed through a secure https internet connection based on secure socket layer technology.

VERIFIED by VISA MasterCard SecureCode Norton SECURED PCI Security Standards Council RuPay

Submit Card Details(Credit/Debit/Net Banking) and pay now

Note: You will receive Acknowledgment, after Successful Transaction.

## 10.0 BIDDING

### 10.1 Forward Bidding

Forward auction are basic auction where in buyers bid in incremental manner to secure product set in auction. Sellers and buyers can be individuals, organizations etc.

### 10.2 Book Building

Book building is a process of price discovery. The Buyers bid for the Products quoting the price and the quantity that they would like to bid at. After the bidding process is complete, the 'cut-off' price is arrived.

In order to create book building type auctions, provisions must be provided to define the "Number of Levels" and difference in value in each level.

The auction floor may be same as our existing Book Building module where all the bands are displayed and bidder is allowed to quote against each band:

The screenshot shows a web-based auction system. At the top, there are several tabs: 'Welcome to MSTC Site', 'MSTC PAY ROLL MANAGEMENT', 'Education – Google AI', 'Common ML Problems | Intro...', and 'E-Auction by MSTC'. The main content area has a header 'Auction Details' with fields for Auction No. (MSTC/HO/DEMO SELLER BLR\_1/13/BANGALORE/18-19/967), Auction Start Date (2019-01-08 11:58:00.0), Auction Close Date (2019-01-08 12:20:00.0), Currency (INR), and Terms & Cond. (Click Here). Below this is the 'Item Details' section, which lists a single item: Lot No. 1, Lot Name Fly Ash, Quantity & UOM\* 100000.0 MT, Close Time 2019-01-08 12:20:00.0, Lot Details (Click Here), and EMD Left (0.00). The 'Price Level Details' section contains a table with columns: Price Level, Bid Quantity, BID, My Last Bid, Total Booked Quantity, and Booked Quantity as % of Req. Quantity. The rows show bids for price levels 50.0, 80.0, 110.0, 140.0, 170.0, 200.0, 230.0, and 260.0. The last row is a separator. At the bottom, there is a file icon labeled 'Machine\_learning....zip' and a toolbar with various icons. The status bar at the bottom right shows the date (08-01-2019) and time (12:18).

For a particular price band, bidder will be allowed to quote only above the current bided quantity and not below it. Also if bidder has quoted for a higher price band, he would be allowed to quote for the lower price bands.

The provision of auto extension should not be there.

On closing of the e-auction, system will calculate the "Discovered Price" i.e. the Price at which maximum revenue is generated e.g. If at 50/- price band 100 MT is booked and at 60/- price band 50 MT is booked, then since max revenue is generated at 50/- price band, it will be the discovered price. As per the concept

of Book Building, allocation would be done at that particular price band provided minimum booking percentage specified by the Seller has been met (e.g. if seller has specified that, at least 80% booking has to be done, then final allocation to be made only if booking at the discovered price is 80% or more).

**Input fields required:****Auction Creation/Edit:**

1. New Event and Existing Event (This 2 radio buttons may be provided so that if the bidder clicks in New, the input box will open asking to insert Seller No and type of event and if Existing Event radio box is clicked, system will prompt to insert the event number)
2. Location (to be auto filled)
3. Auction start date and time
4. Auction Close date and time
5. Event view date; Inspection from and to dates.
6. Activate Auction (By default it may be selected No and seller would need to change it Yes as per their convenience)

Note: If the seller forgets to activate the auction, the auction number should populate in the link Auction Creation even after passing of the Auction Start time giving seller the scope to change the date, time and re-activate it.

**Lot Entry:**

1. Lot Number
2. Lot Name/Description (There may be a single field with word limit extended to 100 words)
3. Address/Location
4. State (in form of dropdown)
5. Unit of Measurement
6. Starting Band
7. Band difference
8. Number of bands

Links may be provided to the seller for view the allocation history and other relevant details like auction catalogue etc.

### **10.3 Reverse Bidding**

A **reverse auction** is a type of **auction** in which sellers bid for the prices at which they are willing to sell their goods and services. In a regular **auction**, a seller puts up an item and buyers place bids until the close of the **auction**, at which time the item goes to the highest bidder.

### **10.4 Price Quantity Bidding**

We may adopt the “single allocation per bidder” methodology for Price quantity bidding. A certain quantity of material would be put up for auction. In the auction floor, Bidder will need to quote both **Quantity** and the **Price**. There may be a starting price for the material. Until there is residual material, bidders will be allowed to quote certain quantity at or above the Starting price. In case the bidder revises his own bid by changing the quantity or price, the earlier bid will be overwritten by the new one, provided it satisfies all the bidding conditions.

Once residual quantity becomes “0”, the process of de-allocation will start. De-allocation of already booked quantity will be based on Price and Time. 1<sup>st</sup> priority will be given to the bidder who is quoting the highest price. Therefore, while de-allocating the quantity, first the quantity of the bidder with L1 price is to be de-allocated followed by L2, L3... In case, 2 or more bidders have quoted the same price, de-allocation will be done from the bidder who has quoted at last.

In order to maintain the simplicity of the portal, we may remove the concepts of Pre Bid EMD, maximum booking. Functionality of the fields like Allocation Threshold and Min Booking may combine into one and it may be renamed appropriately. Similarly, Instead of Increment 1 and Increment 2, there should be only one increment field.

The auction floor must display the Name of the Item, Quantity, Starting Price, L1/H1 band for the lot, Input fields for Price and quantity, Bidding button, Button to check allocation History.

**Basic Rules for bidding:**

- 1) Bidder will initially be allowed to bid only at or above the starting price.
- 2) While revising his own bid, bidder will not be allowed to reduce the rate. He has to quote at least Rs 1 above the current rate.
- 3) Bidder would not be allowed to quote below the L1 rate (the H1/L1 band may be displayed for convenience).
- 4) **Example:** Suppose 1000 MT is put up for Price quantity bidding.

Current Residual Quantity	Bidder	Booking Quantity (In MT)	Booking Price (Rs)	Allotment status
1000 MT	Buyer 1	500	Rs 100	500 MT allotted
500 MT	Buyer 1	200	Rs 101	200 MT allotted and earlier bid overwritten.
800MT	Buyer 2	500	Rs 101	500 MT allotted to Buyer 2
300 MT	Buyer 3	400	Rs 101	Although quoted for 400 MT, only 300MT allotted since there is no more residue and bidder needs to increase their bid
0 MT	Bidder 4	500	Rs 102	500 MT allotted to Bidder 4. 300 MT de-allocated from Bidder 3 and 200 MT de-allocated from bidder 2, since price is same for Bidder 2 and 3 and therefore preference would be given to time. So current status of allocation: Buyer 1: 200 MT; Buyer 2: 300 MT; Buyer 3: 0 MT Buyer 4: 500 MT
0 MT	Bidder 3	500	Rs 103	500 MT will be allotted to Bidder 3. 200 MT gets de-allocated from Bidder 1 and 300 MT gets de-allocated from Buyer 2, as their Price is lower than Buyer 4.

**Input fields required:****Auction Creation/Edit:**

1. New Event and Existing Event (This 2 radio buttons may be provided so that if the bidder clicks in New, the input box will open asking to insert Seller No and type of event and if Existing Event radio box is clicked, system will prompt to insert the event number)
2. Location (to be auto filled)
3. Auction start date and time

4. Auction Close date and time
5. Event view date; Inspection from and to dates.
6. Activate Auction (By default it may be selected No and seller would need to change it Yes as per their convenience)

Note: If the seller forgets to activate the auction, the auction number should populate in the link Auction Creation even after passing of the Auction Start time giving seller the scope to change the date, time and re-activate it.

**Lot Entry:**

1. Lot Number
2. Lot Name/Description (There may be a single field with word limit extended to 100 words)
3. Address/Location
4. State (in form of dropdown)
5. Unit of Measurement
6. Starting Price
7. Taxes (If any)
8. Minimum Booking
9. Multiples of
10. Increment (once entered other than 1, bidders has to increment there bid in multiples of this value)

Separate links may be provided to View auction catalogue, Bid Sheets, Bid History to the seller.

## **A. APPENDIX**

*Menu Flow:*

