KRUSHAK ODISHA

User Manual

1. OVERVIEW

Odisha is a state in which majority of its population is dependent on agriculture for livelihood. It is essential that the state has a transparent view of all farmers of the state including cultivators and sharecroppers. This is important for various reasons, from streamlining schemes and service delivery to long-term farmers' welfare, among others. So, the Department of Agriculture and Farmers' Empowerment (DA&FE), Government of Odisha has desired creation of a Unified Farmers' Database to have all the farmer related information into a single database who are availing benefits under the different schemes implemented by the state government. Unified farmer Database would help in removing redundancies, verifying discrepancies and reducing duplicity in records as well as fields within the records for the state as one of the activities outlined under the Hon'ble Chief Minister's vision of 5T Technology, Teamwork, Transparency, Time and Transformation.

The Department of Agriculture and Farmer Empowerment (DA&FE) aims at creating a Unified Farmer Database in the name of Krushak Odisha Portal which will help in achieving the below mentioned objective. In this context and based on the requirements gathered, the following functionalities are considered to be within the scope of the project. The project helps to digitize the farm economy and to store unified farmer data in the Krushak Odisha, Odisha's farmer database.

2. HOW TO GET STARTED

2.1 LOGIN TO THE WEB PORTAL

To access the application, enter the URL in the internet browser. You are navigated to the login screen wherein you have the option to login into the application entering your valid Aadhaar num, Fig. 2-1-

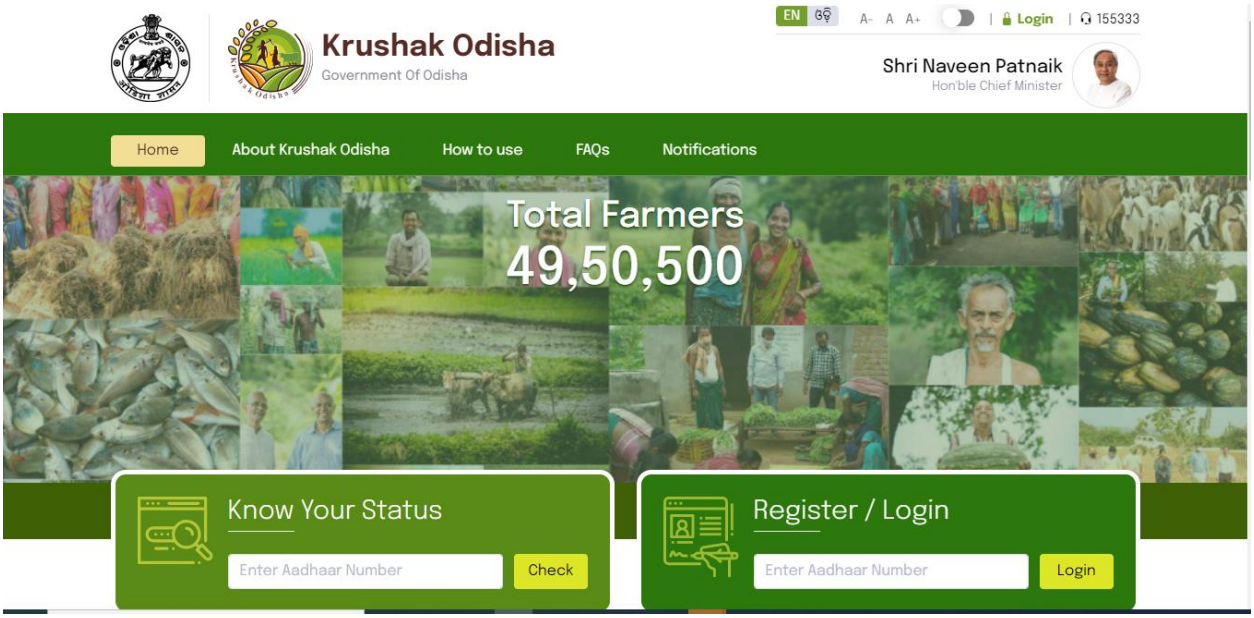

Figure 2-1 Welcome Screen

2.2 SIGN IN

For a new farmer registration wherein the Aadhaar number is not registered with Krushak Odisha, on entering the 12-digit Aadhaar number for the first time, you will get an Aadhaar verification alert message, refer Fig. 2-2:

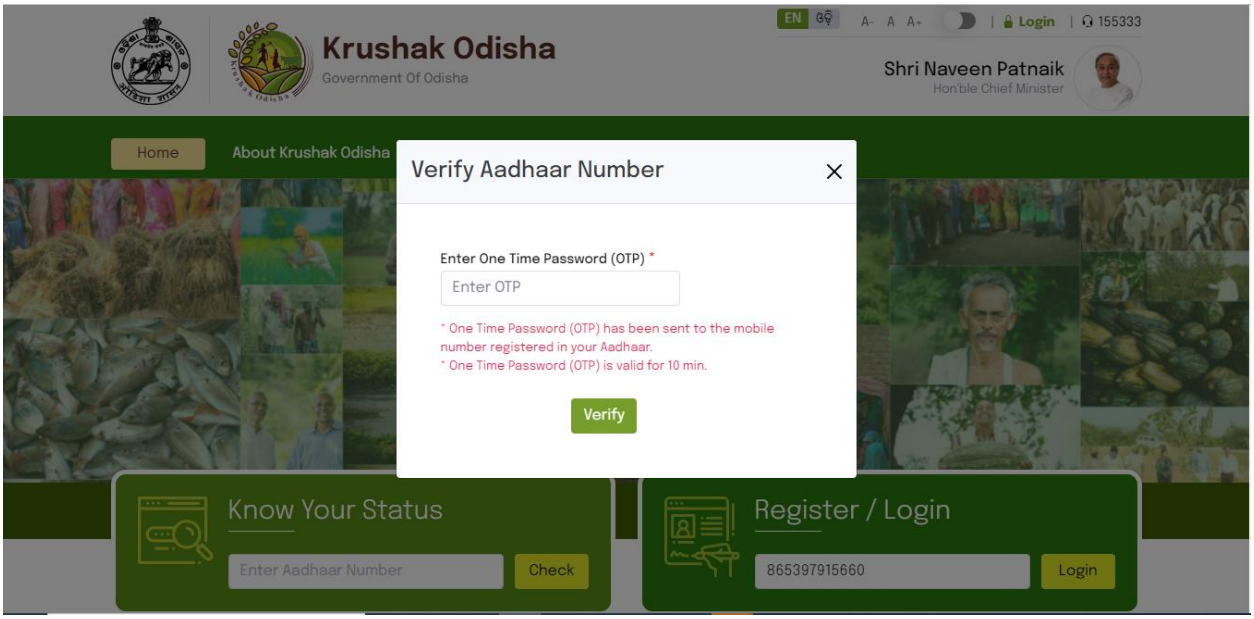

Figure 2-2 Aadhaar Verification Screen

On entering the Aadhaar number in the textbox given, a 6-digit system generated OTP will be sent to the Aadhaar registered mobile number of the farmer.

This OTP is valid for 10 minutes only after which the same will expire.

On entering the OTP in the textbox given, click the Verify button to confirm the digits entered.

Note:

In case the farmer's mobile number, against his Aadhaar, is not registered or invalid, then he needs to update the same in the UIDAI (uidai.gov.in).

On successful login by a new farmer, you land onto the farmer dashboard, refer Fig. 2-3:

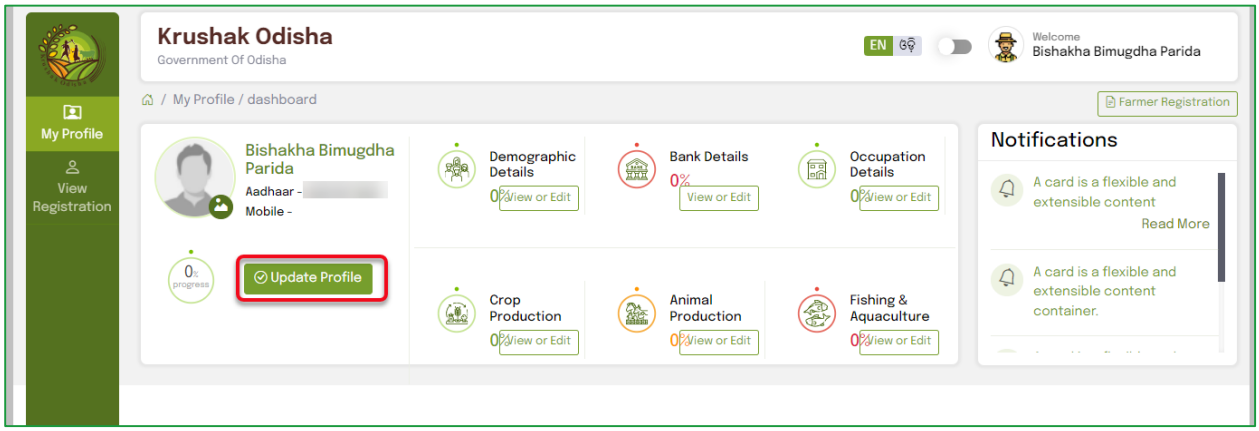

Figure 2-3 Farmer Dashboard

To update the profile details of a new farmer, click the Update Profile option as highlighted in Fig. 2-3 above:

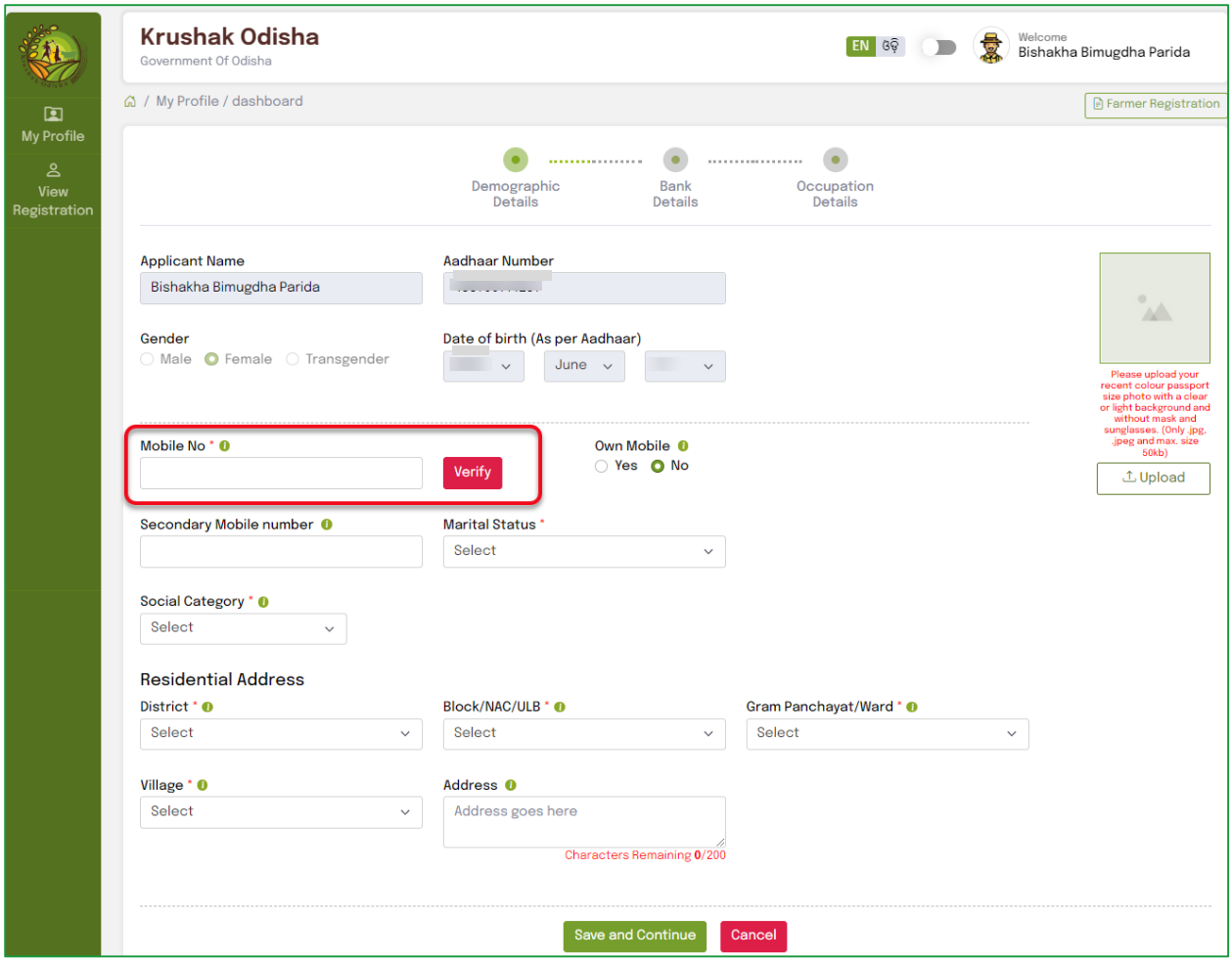

Figure 2-4 Verify Mobile Number Screen

Enter the primary mobile number of the user in the textbox given and click the Verify button to validate whether the mobile number entered belongs to the respective user or not.

Doing so, an alert message is sent to the respective user asking whether to update the primary mobile number or not. Refer Fig. 2-5:

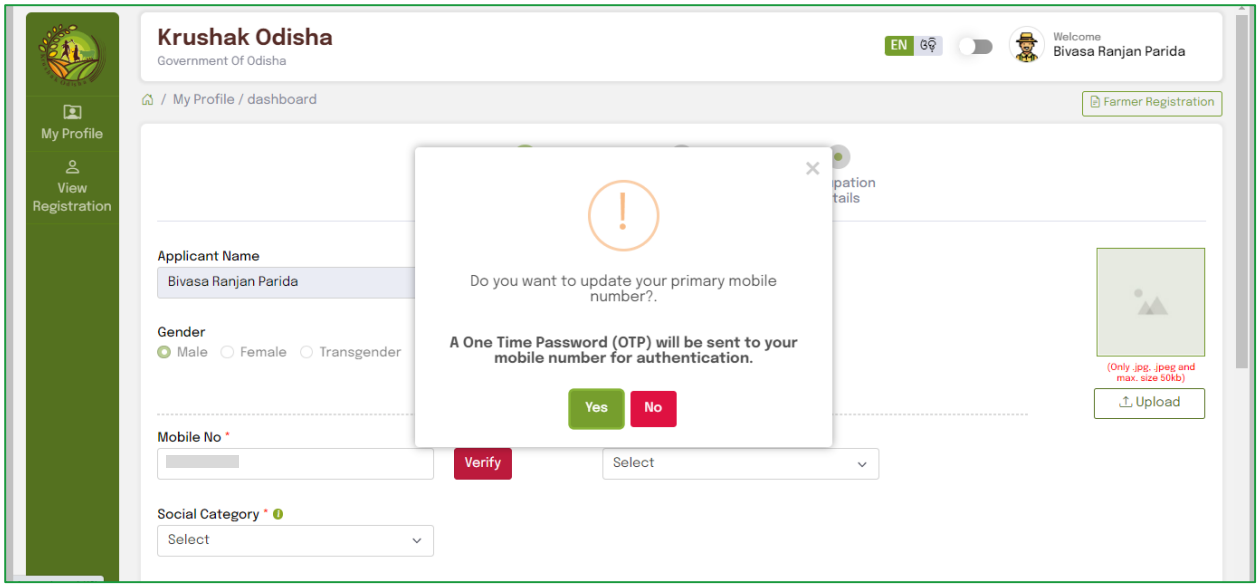

Figure 2-5 Mobile Number Update Alert Message Screen

Click Yes, if the OTP is to be sent to your mobile number for authentication, else click No.

If Yes is chosen, an OTP is sent to the primary mobile number of the farmer as entered above. Enter the 6-digit OTP received in the textbox and click the Validate button. Refer Fig. 2-6:

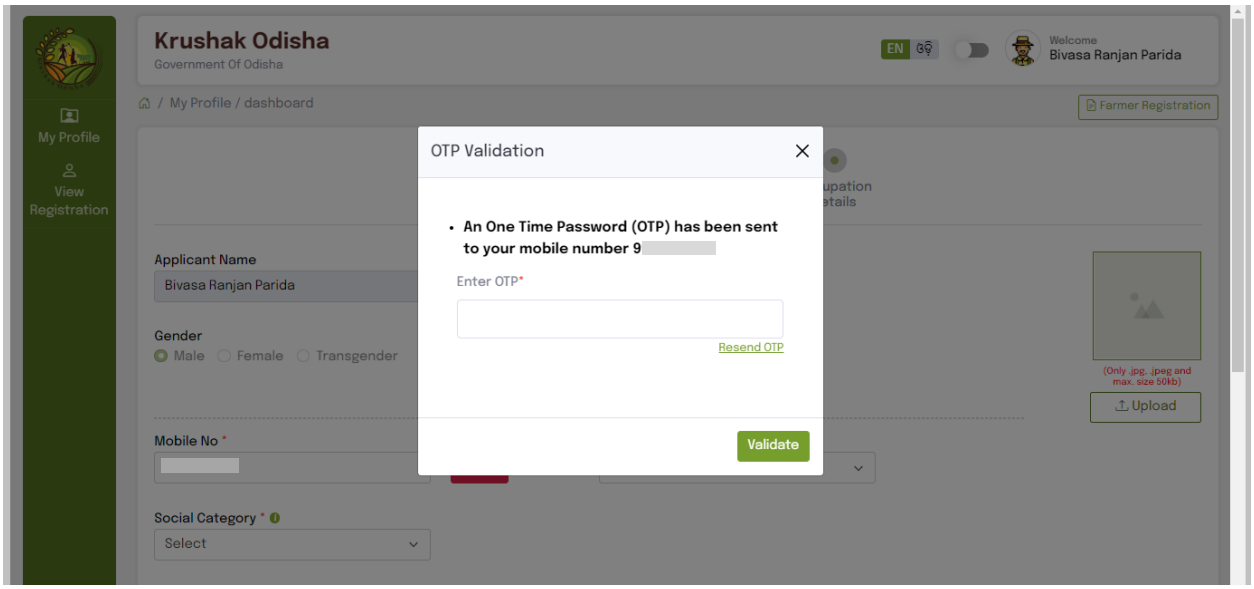

Figure 2-6 OTP Validation Screen

The OTP received is validate for 10 minutes. If you do not receive the OTP within 10 minutes, then click the Resend OTP option.

Once the primary mobile number is validated, the system gives a message that the mobile number is verified successfully.

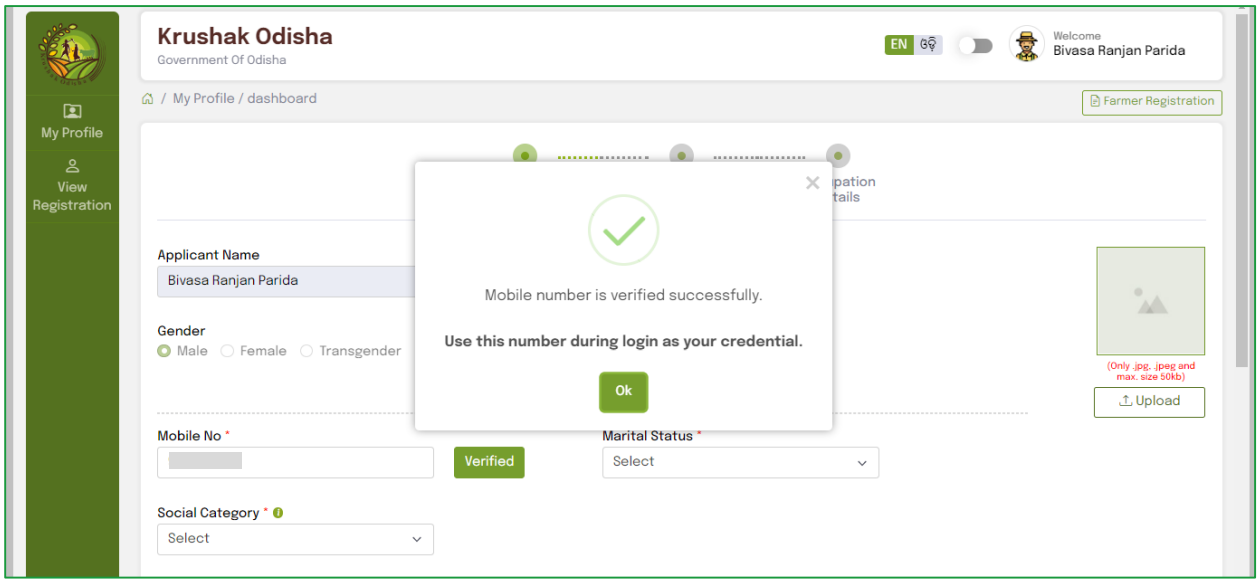

Figure 2-7 Success Message Screen

This primary mobile number will be used by the farmer as a login credential. Click OK to proceed.

KYC is done once you give Aadhaar Number, enter OTP & register.

Please Note:

If the registered mobile number with Aadhaar is invalid, then the user needs to update the mobile number in Aadhaar.

2.3 LOGIN

To login into the Krushak Odisha portal if the Aadhaar of the farmer is already registered, follow the steps given below:

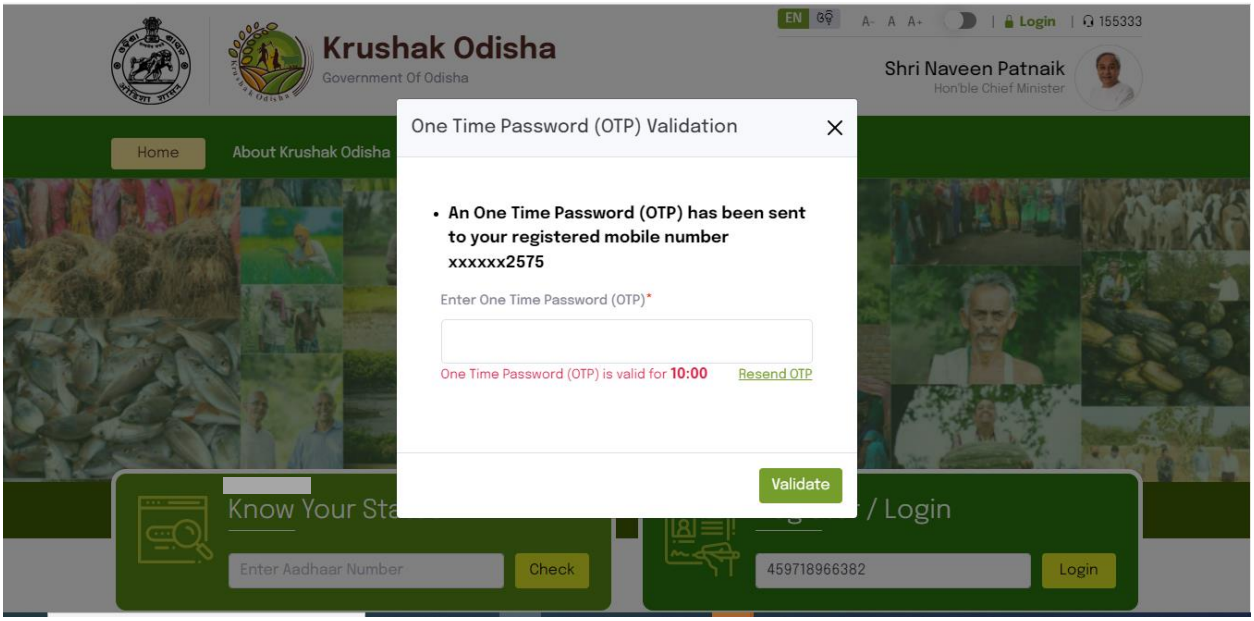

Figure 2-8 OTP Validation in Primary Mobile Number Screen

On entering the registered Aadhaar number in the textbox given, an OTP is fired to the primary mobile number of the farmer.

The farmer receives a 6-digit system generated OTP in its primary mobile number. This OTP is valid for 10 minutes only after which the same will expire.

On entering the OTP in the textbox given, click the Validate button to confirm the digits entered.

On validating, you will land onto the farmer dashboard.

If the farmer doesn't has a primary mobile number/or it is incorrect, then the same can be updated under Update Profile section.

3. DASHBOARD

On successful login, you will land onto the Krushak Odisha dashboard displaying the data completion percentage of the farmer with respect to demographic details, residential details, bank details, crop production, animal production and Fishing & Aquaculture, etc. at the time of registration under Krushak Odisha Portal. Refer Fig. 3-1:

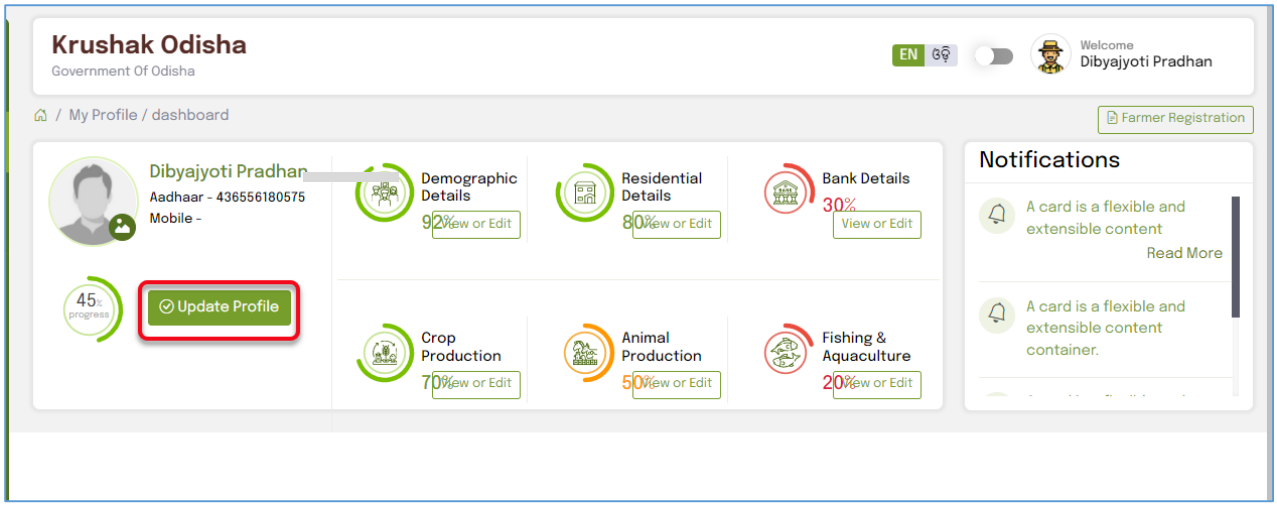

Figure 3-1 Dashboard

The dashboard showcases the Notifications received by the user with respect to the farming details.

The details and status of the grievances lodged by the farmers is displayed.

In the dashboard displayed, you can update the user profile details by clicking the Update Profile option as highlighted in Fig. 3-1.

4. UPDATE PROFILE

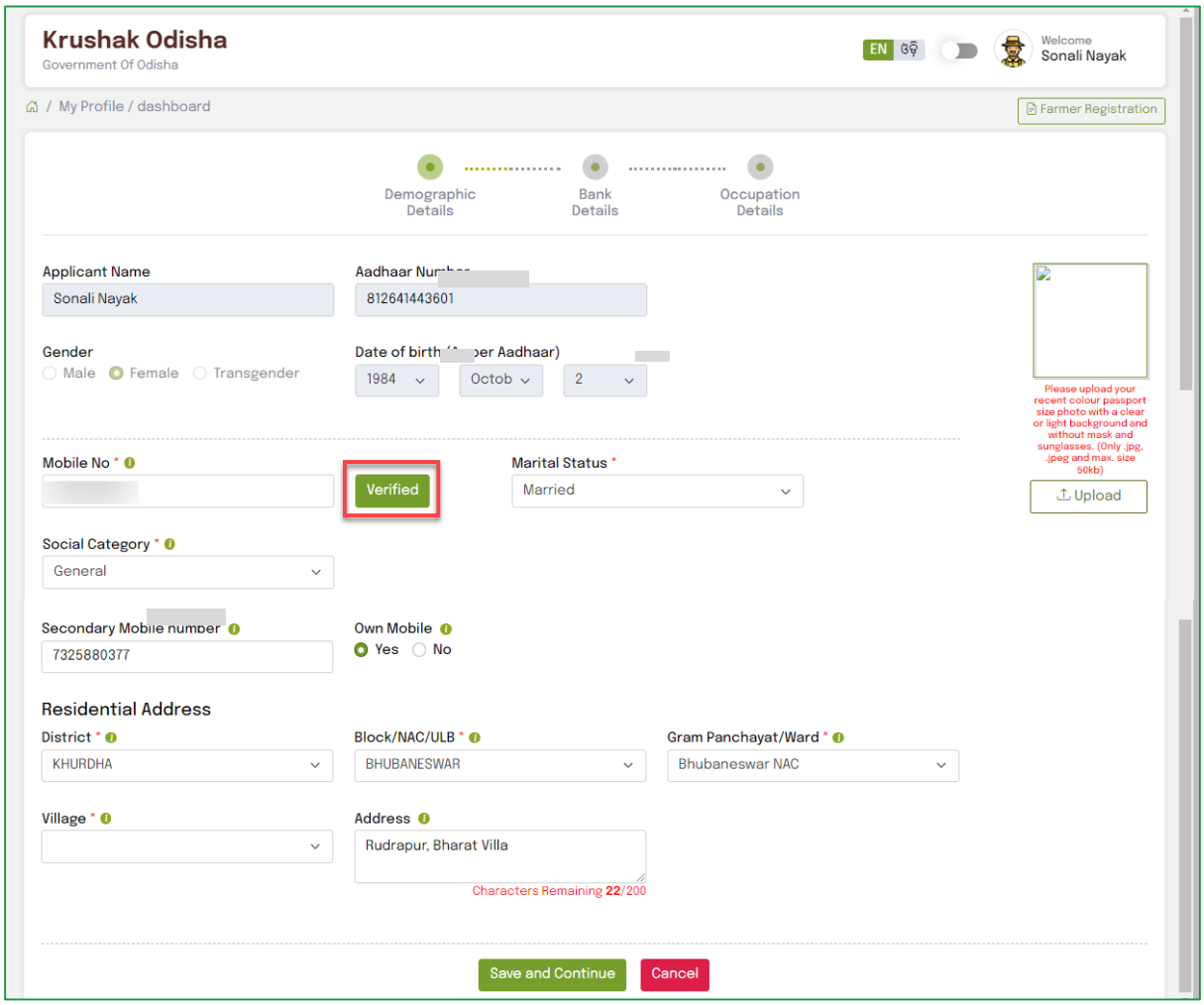

Figure 4-1 Applicant Profile Screen

Referring to Fig. 4-1, the name of the applicant, its Aadhaar number, gender, date of birth and Mobile Number is auto-populated in the respective fields.

4.1 UPDATE MOBILE NUMBER

In case of a new farmer registration, if the user logs out of the farmer's profile without updating its mobile number, then on next login the system asks to update the same.

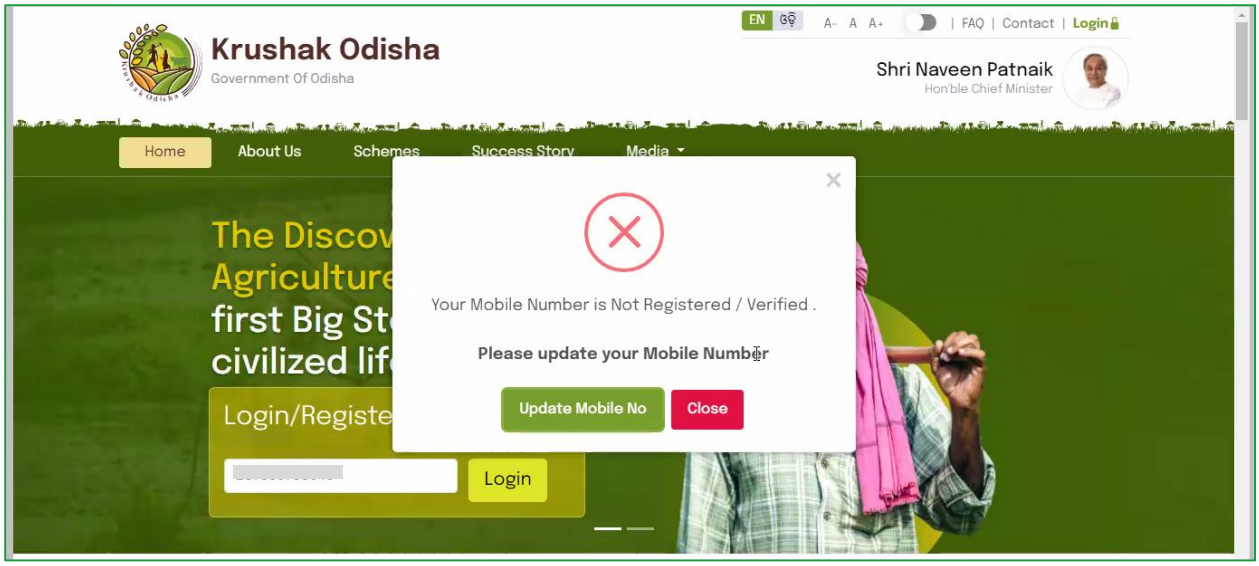

Figure 4-2 Mobile Number Not Registered Alert Message Screen

The system gives an alert message asking the user to update your mobile number which is not registered yet.

Click the Update Mobile No. button to proceed with updating the primary mobile number of the farmer to be registered-

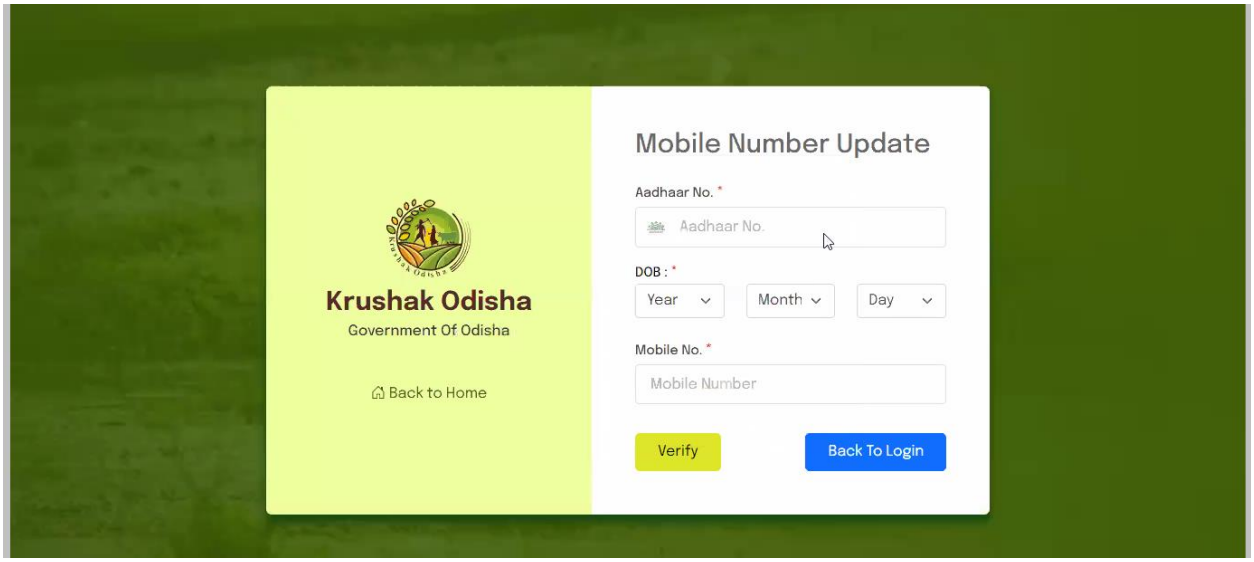

Figure 4-3 Mobile Number Update Screen

With reference to Fig. 4-3:

- Enter the registered Aadhaar Number of the farmer in the textbox given.
- Enter the Date of Birth of the farmer in terms of Year, Month and Day from the respective fields.
- Enter the assigned Mobile Number of the farmer in the textbox given.
- Click the Verify button to validate mobile number with the farmer's Aadhaar number entered.

Doing so, a 6-digit One time Password is sent to the mobile number provided.

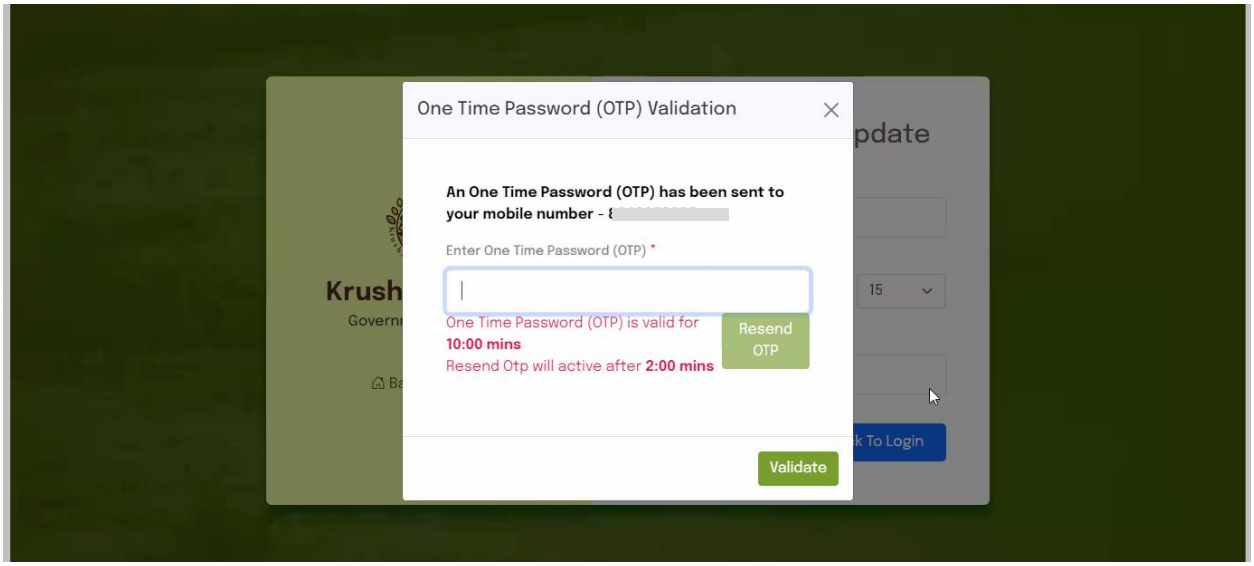

Figure 4-4 OTP Validation Screen

Enter the 6-digit OTP in the given space which is valid only for 10 mins.

If you have not received the OTP within 10 mins, then click the Resent OTP option wherein the Resend OTP will be activated after 2 mins.

Click the Validate button on entering the OTP.

After the OTP is validated, you are navigated to the dashboard.

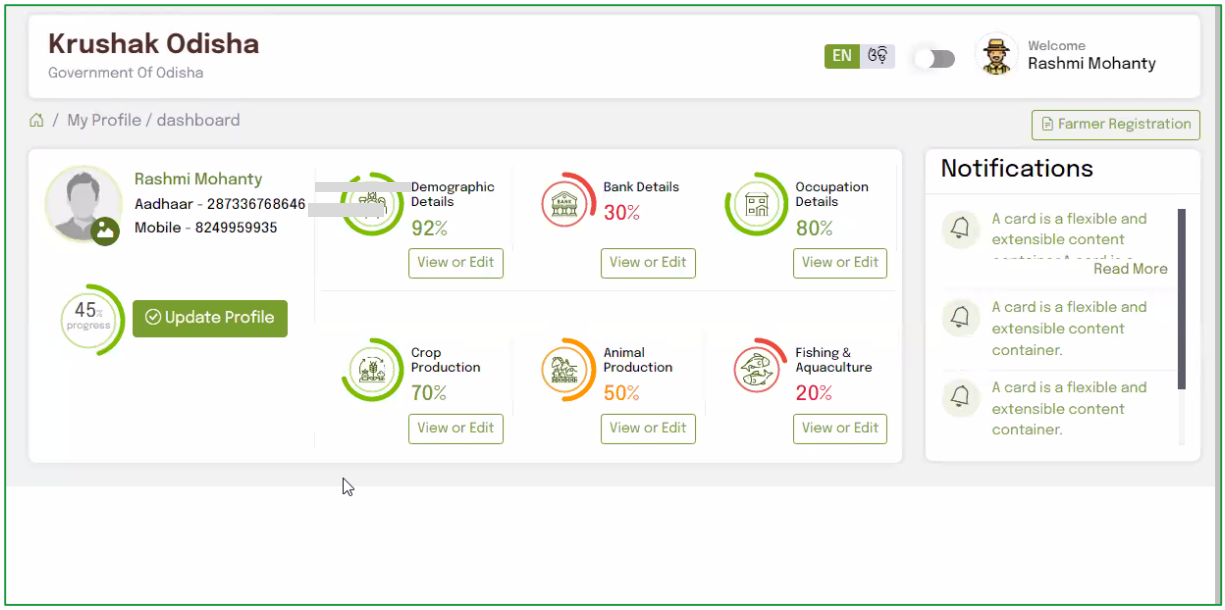

Figure 4-5 Dashboard

To view and manage the details of the user profile after registration, click the Update Profile link in the left menu. This will take you to the following Demographic Details screen, refer Fig. 4-6:

4.2 DEMOGRAPHIC DETAILS

Referring to Fig. 4-6:

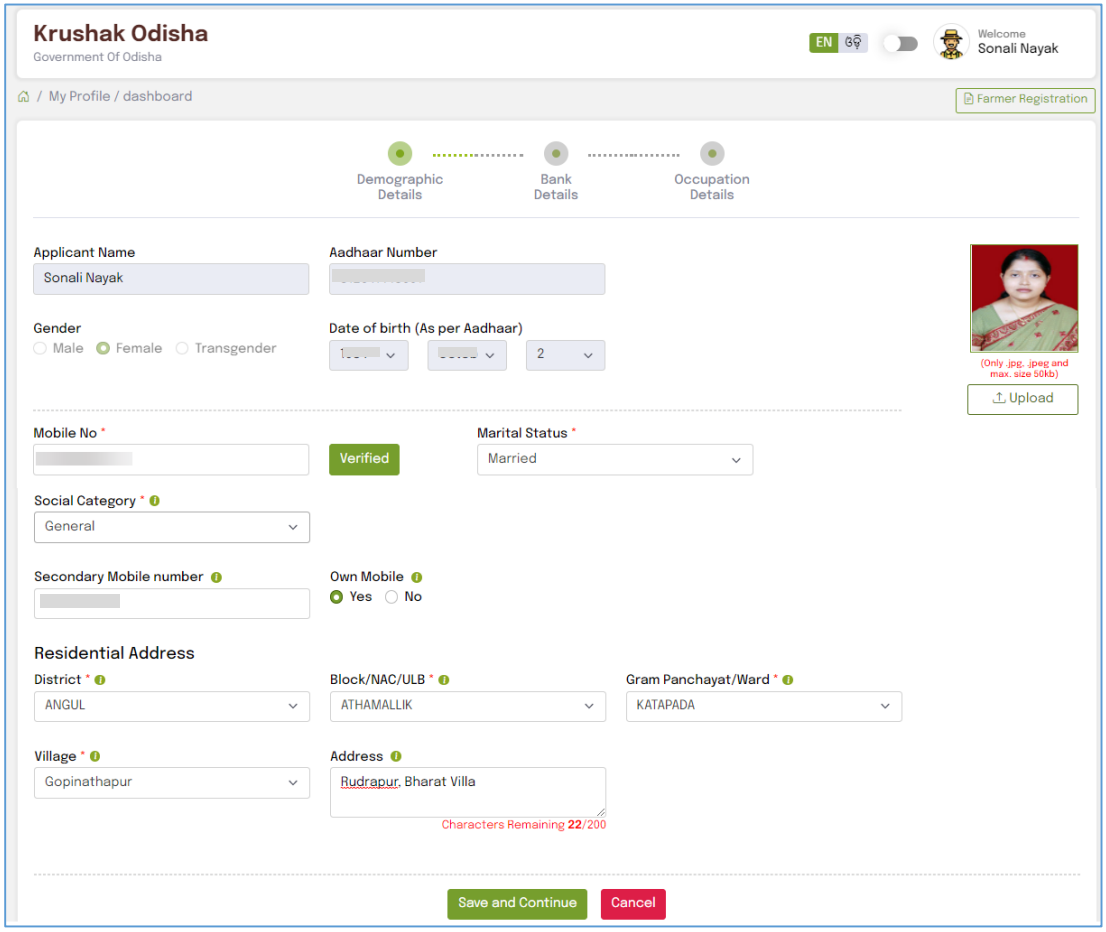

Figure 4-6 Demographic Details (1)

- The Applicant Name, Aadhaar Number, Gender, Date of Birth and Mobile number of the user is auto-populated as provided during registration.
- Scan and upload a recent photograph of the farmer which should be only in jpg or jpeg and not exceeding the size of 50kb.
- Select the Marital Status of the user, i.e. either Single, Married, Widowed, Divorced or Separated.
- Select the category of caste to which you belong from the Social category drop down menu.
    - The Social Category can be either General, SC, ST, OBC or Others.
    - If the Social Category is chosen as SC, ST or OBC, then you need to provide the Caste Certificate number in the space provided.

- In case Social Category is chosen as Other, then you need to provide the Caste Certificate No. issued to the farmer in the textbox given followed by mentioning the name of the Other Category as highlighted in Fig. 4-7 below:

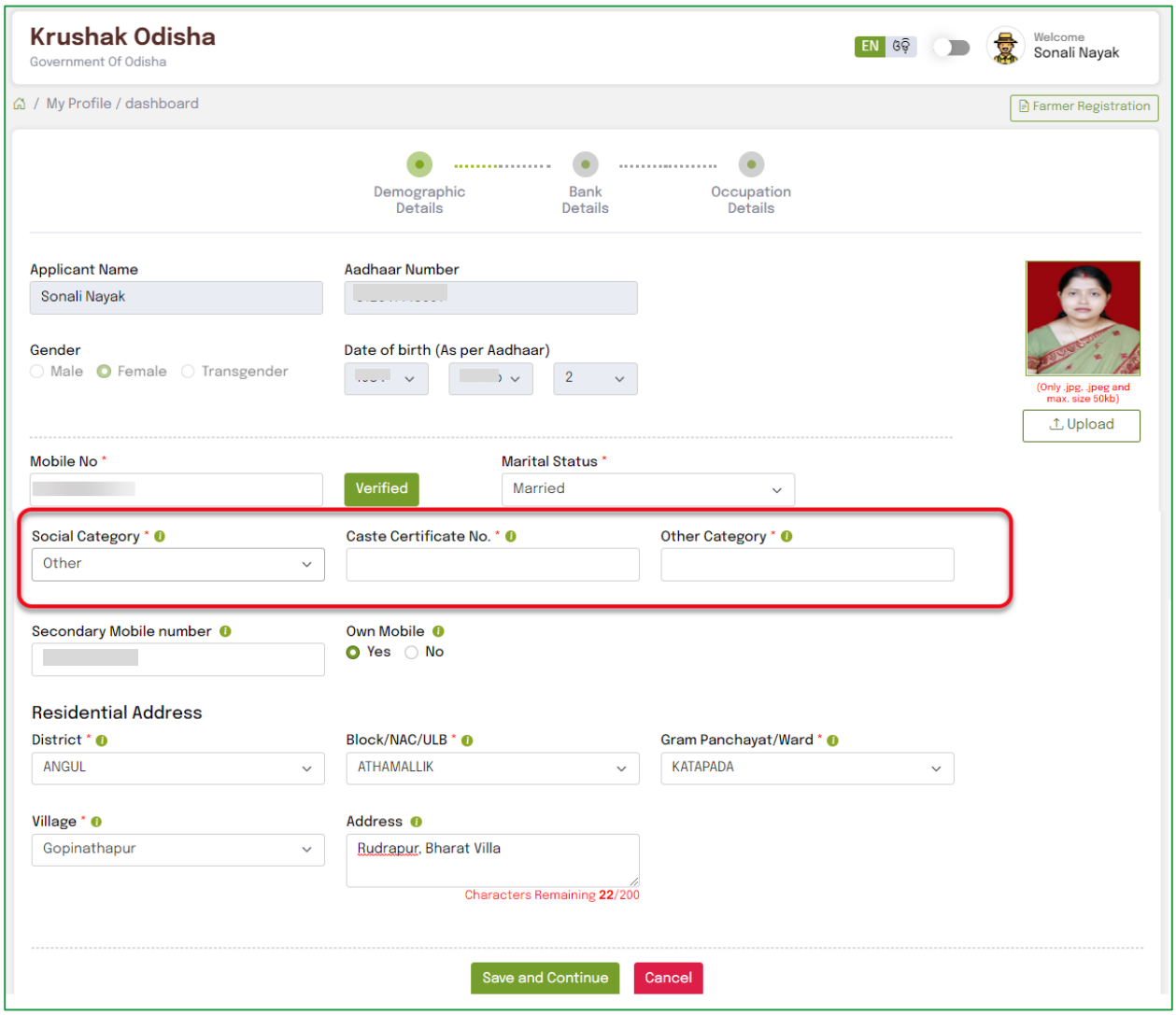

Figure 4-7 Demographic Details (2)

- Please provide a valid 10 digit Mobile Number' through which you can be contacted directly or indirectly in the Secondary Mobile Number textbox.
- Please select 'Yes' if the mobile number given is directly owned by you, 'No' if otherwise in the Own Mobile field.
- In the Residential Address section-

- Select the name of the District, Block/NAC/Municipality, Gram Panchayat and Village from the respective menus wherein the user resides.
- Mention the complete Address of the farmer in the text area given.

Click the Save and Continue button to save the data entered and proceed on to update the next screen.

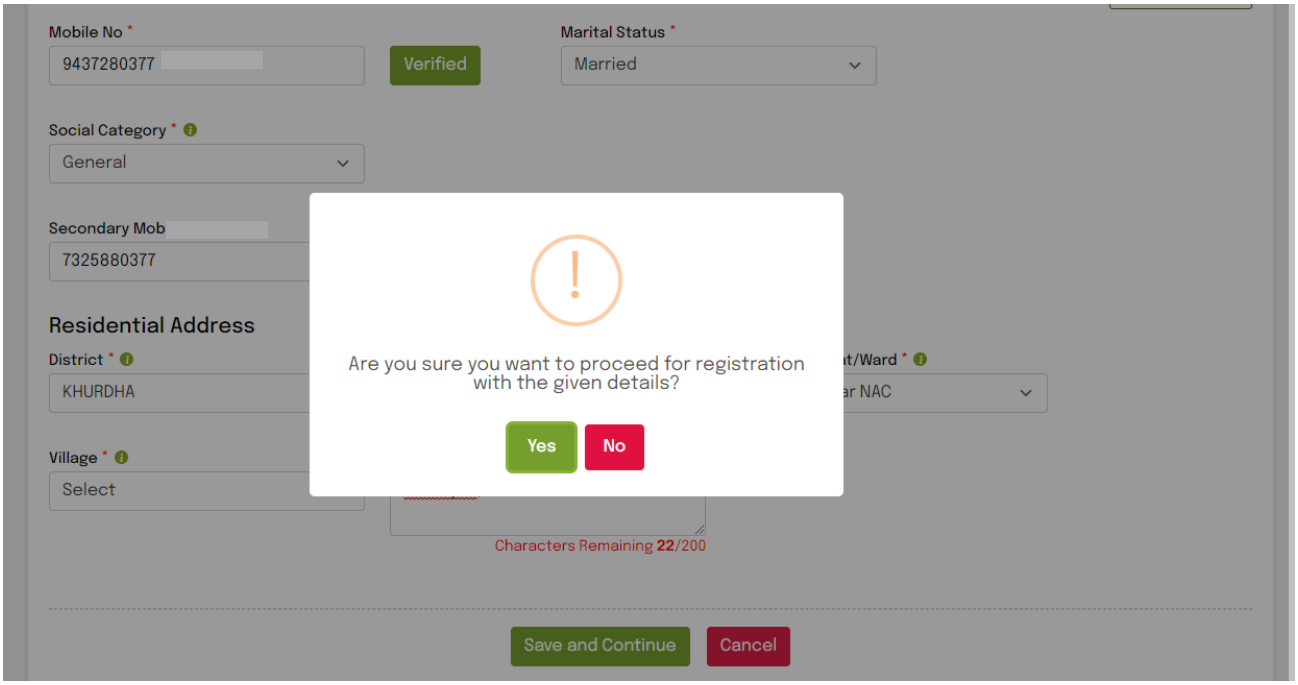

Figure 4-8 Alert Screen

On proceeding, the system gives an alert message whether you want to proceed for registration with the given details or not.

Click Yes to proceed on to the Bank Details page.

4.3 BANK DETAILS

On saving the demographic details of the farmers, you are navigated to the Bank Details screen wherein you can view and update the bank details of the farmers, refer Fig. 4-9:

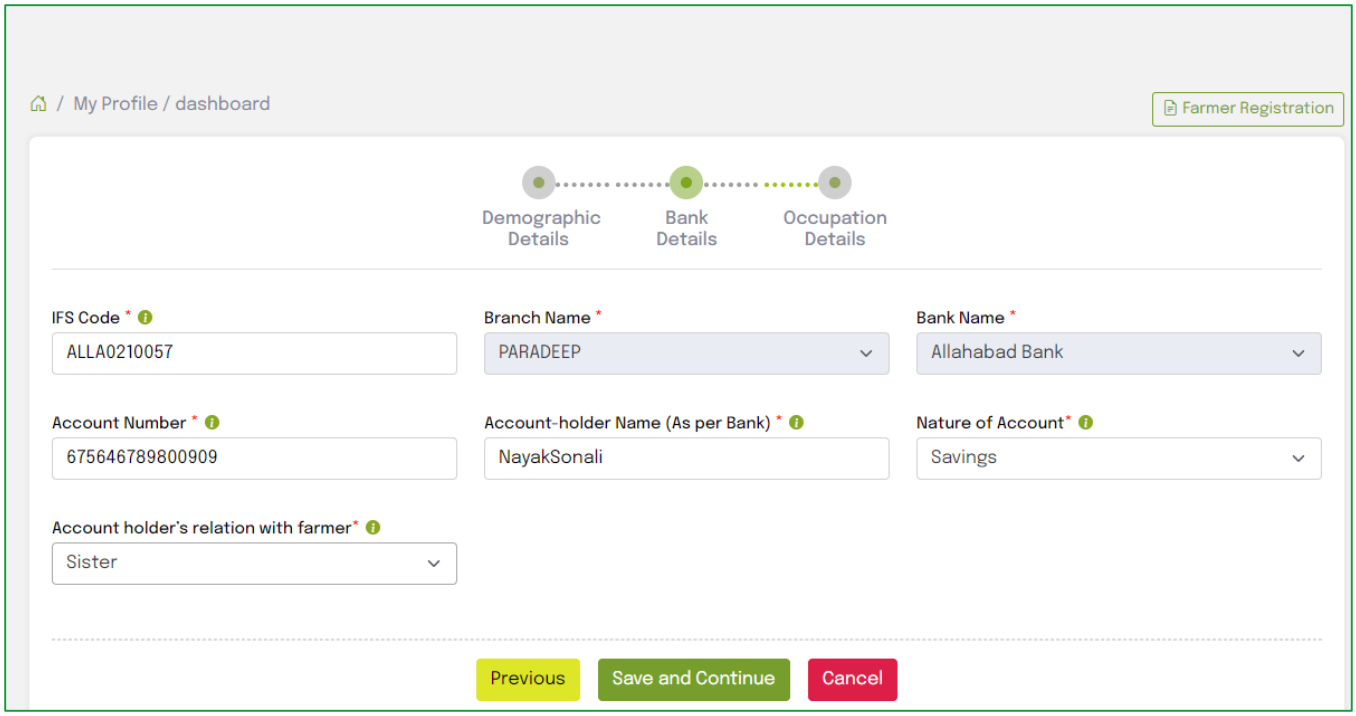

Figure 4-9 Bank Details Screen

- Enter the IFS Code of the bank wherein the user holds its account in the textbox given.
- The Branch and the Bank name gets auto-filled in the respective fields as per the IFS code entered.
- Enter the Account Number of the user followed by providing the name of the Account Holder.
- Select the Nature of Account exiting in the bank, i.e. either Current, Savings or Jan Dhan.
- Select the relation of the account holder with the Farmer from the drop down menu.
- Click the Save and Continue button to save the bank details of the farmer and proceed further.

Doing so, the system gives an alert message whether you want to proceed for registration with the given details or not.

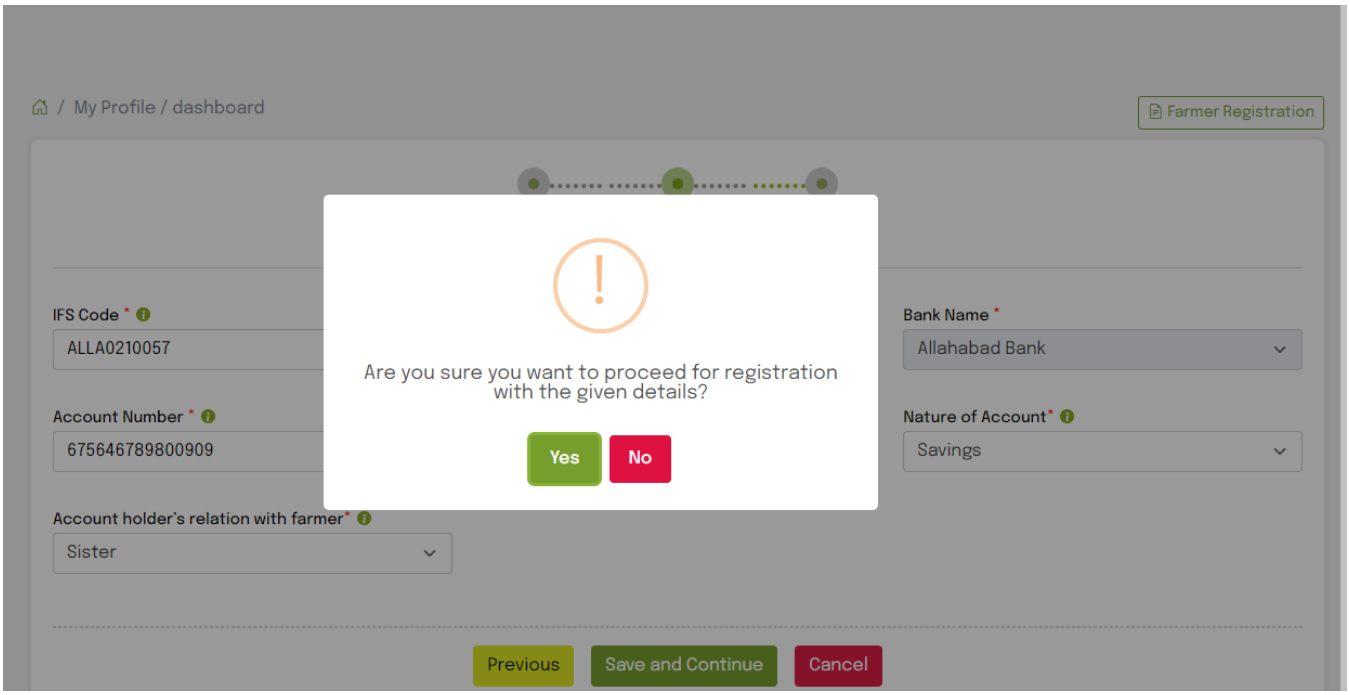

Figure 4-10 Alert Screen

Click Yes to proceed for the registration with the given details.

The system gives a message that the Bank information is updated successfully. Refer Fig. 4-11:

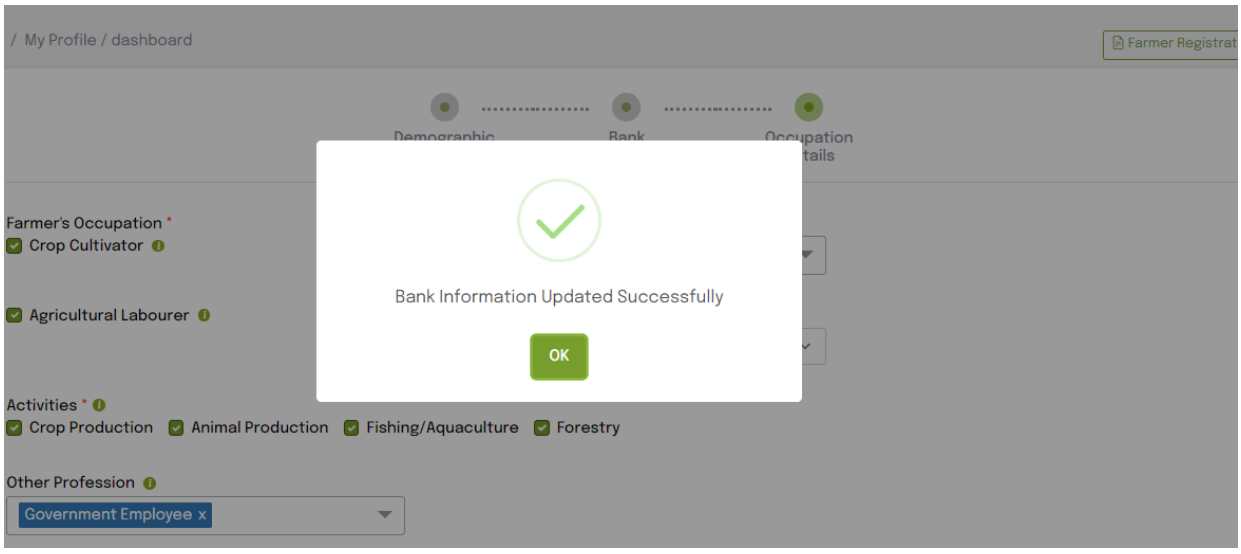

Figure 4-11 Success Message Screen

Click OK to proceed to the Occupation Details screen.

4.4 OCCUPATION DETAILS

On saving the bank details of the farmer, you can proceed to add and update the occupational details, refer Fig. 4-11:

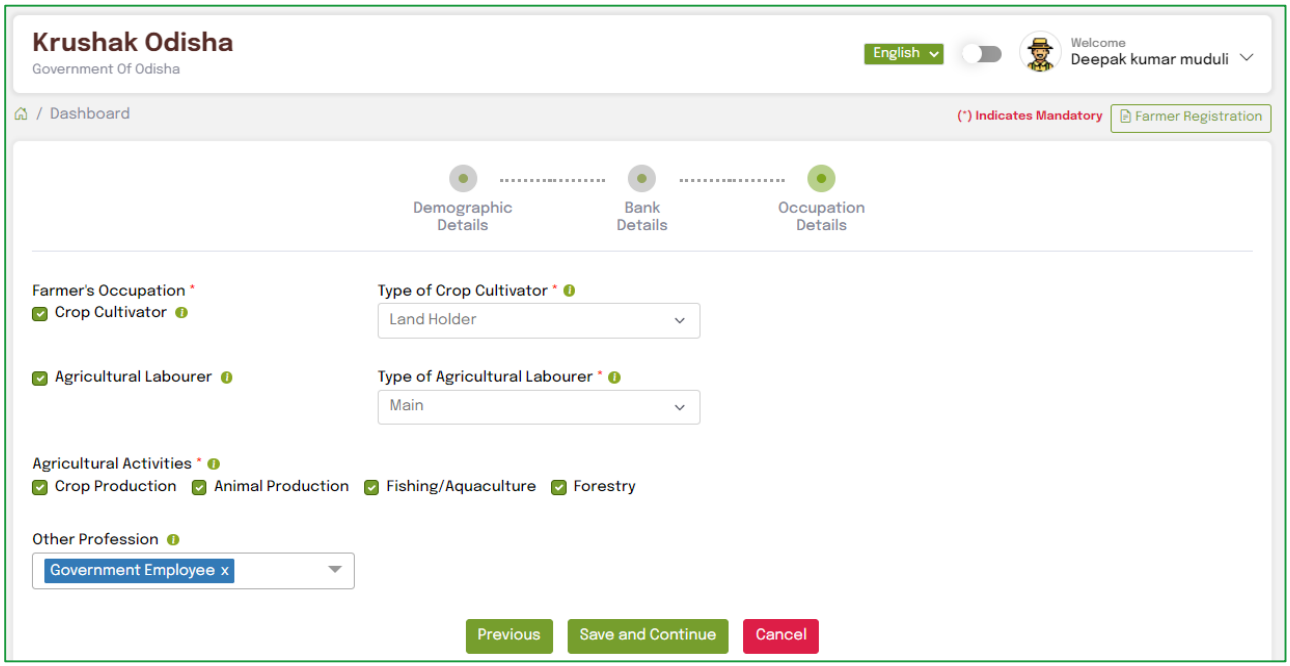

Figure 4-12 Occupational Details Screen

- Choose the type of Farmer's Occupation to be taken up by the farmer, i.e. Crop Cultivator and Agricultural Labourer.
    - Selecting the appropriate options, will lead you to select for the type of Crop Cultivator or Agricultural Labourer.
- Choose the types of Agricultural Activities involved i.e. Crop Production, Animal Production, Fishing/Aquaculture and Forestry.
- Select the Other Profession taken up by the farmer from the list of options provided.
    - Here the system allows you to select multiple options for Other Profession of the farmer.
- To verify the farmer data entered, click the Previous button. This will take you to the bank details and demographic details screen.
- To save the data entered and proceed further towards completion of the process, click the Save and Continue button.

Doing so, the system gives an alert message whether you want to proceed for registration with the given details or not.

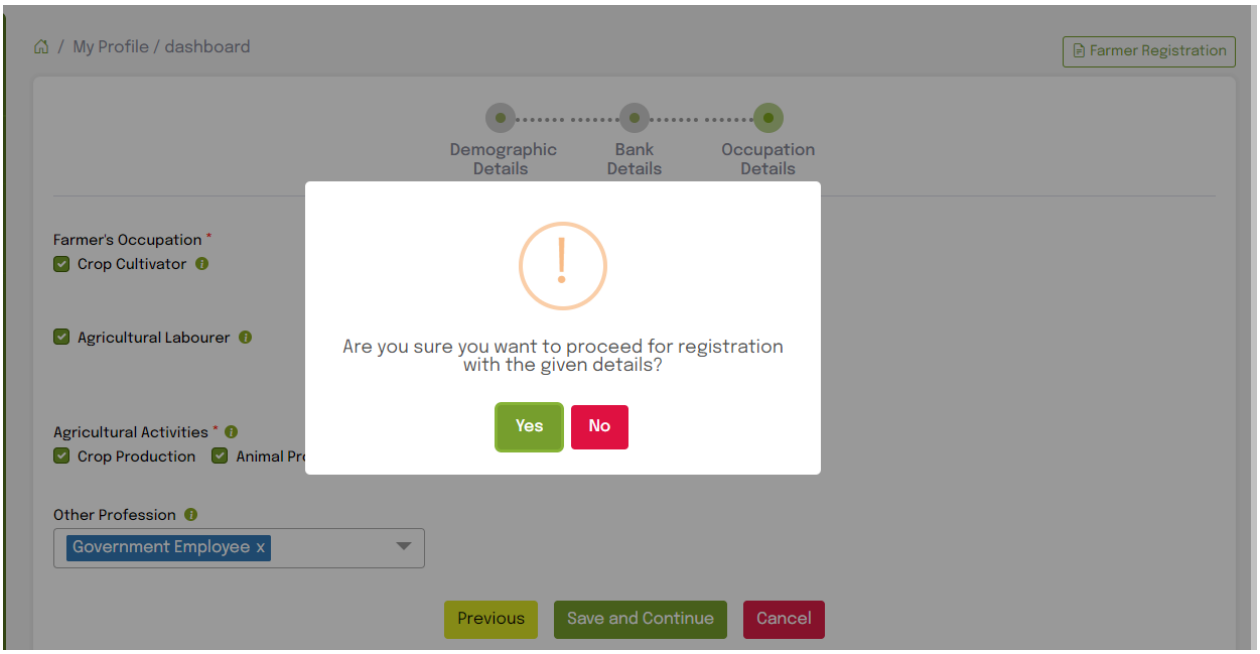

Figure 4-13 Alert Screen

Click Yes to proceed to complete the registration process.

Once saved, you will be navigated to each of the Agricultural activities screen as follows wherein all data needs to be selected from the respective fields-

4.5 CROPPING LAND DETAILS

Landing onto the Cropping Land Details screen as shown in Fig. 4-14, enter the details of the crop grown in the respective fields-

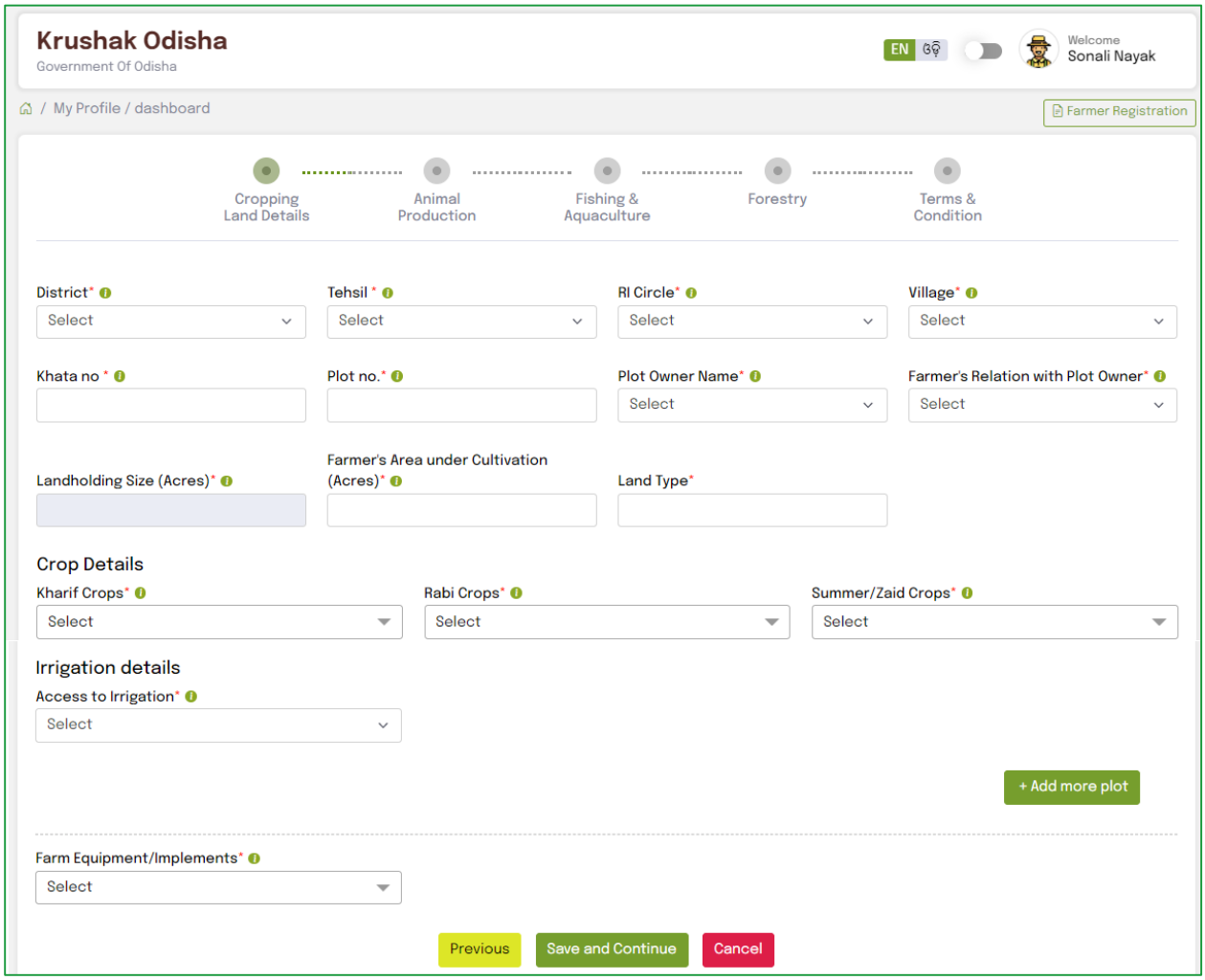

Figure 4-14 Cropping Land Details Screen (1)

With reference to Fig. 4-14:

- Select the name of the District, Tehsil, RI Office and Village from the respective menus to which the farmer belongs.
- Provide the plot details by entering data in the respective fields like the Khata No. and Plot No.
    - Doing so, the plot owner name gets populated in the drop down menu. Select the name of the owner from the given list.
- Select the farmer's relation with the plot owner.

- The area of the landholding size is auto-populated as per the plot number entered.
- Enter the total Farmer's Area under Cultivation that can be cultivated by the farmer.
- Enter the type of the land belonging to the farmer in the land type textbox.
- In the Crop Details section, select the details of the type of crop grown from the Kharif, Rabi and Summer/Zaid menu list respectively.
    - Here, you have the choice to choose multiple options for each of the fields.
- In the Irrigation Details section, select either Yes or No for the Access to Irrigation is given to the farmers or not.
    - Select the type of Access to Irrigation to be made available to the farmers from the drop down menu.
- Click the Add More Plot button to enter the details of more plots belonging to the farmer-

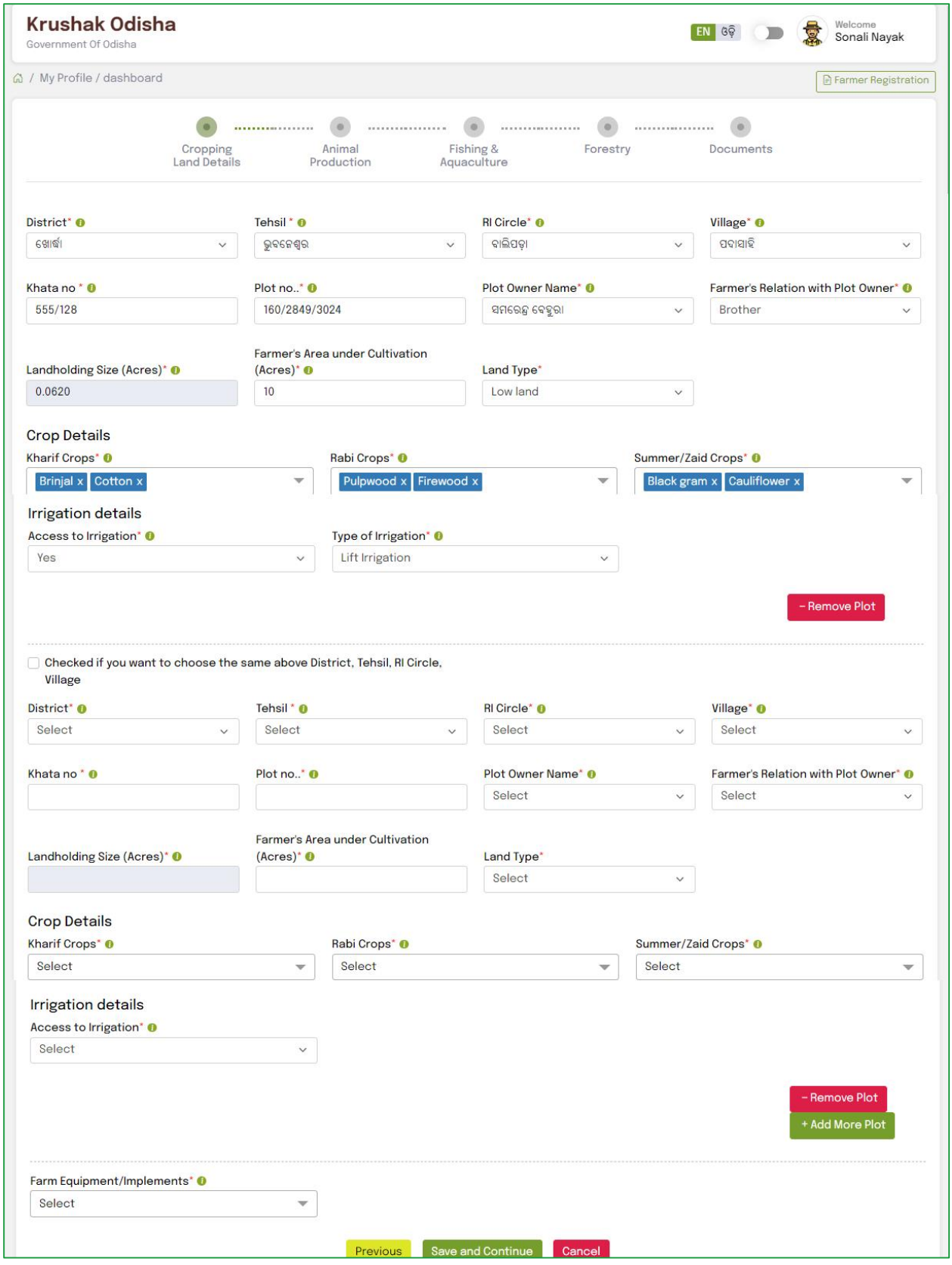
Krushak Odisha
Government Of Odisha
EN ଓଡ଼ି
Welcome
Sonali Nayak
/ My Profile / dashboard
Farmer Registration
Cropping Land Details
Animal Production
Fishing & Aquaculture
Forestry
Documents
District*
ଖୋର୍ଦ୍ଧା
Tehsil *
ଭୁବନେଶ୍ୱର
RI Circle*
ବାଲିପଡ଼ା
Village*
ପଦାସାହି
Khata no *
555/128
Plot no..*
160/2849/3024
Plot Owner Name*
ସମରେନ୍ଦ୍ର ବେହୁରା
Farmer's Relation with Plot Owner*
Brother
Landholding Size (Acres)*
0.0620
Farmer's Area under Cultivation (Acres)*
10
Land Type*
Low land
Crop Details
Kharif Crops*
Brinjal x Cotton x
Rabi Crops*
Pulpwood x Firewood x
Summer/Zaid Crops*
Black gram x Cauliflower x
Irrigation details
Access to Irrigation*
Yes
Type of Irrigation*
Lift Irrigation
– Remove Plot
Checked if you want to choose the same above District, Tehsil, RI Circle, Village
District*
Select
Tehsil *
Select
RI Circle*
Select
Village*
Select
Khata no *
Plot no..*
Plot Owner Name*
Select
Farmer's Relation with Plot Owner*
Select
Landholding Size (Acres)*
Farmer's Area under Cultivation (Acres)*
Land Type*
Select
Crop Details
Kharif Crops*
Select
Rabi Crops*
Select
Summer/Zaid Crops*
Select
Irrigation details
Access to Irrigation*
Select
– Remove Plot
+ Add More Plot
Farm Equipment/Implements*
Select
Previous
Save and Continue
Cancel

Figure 4-15 Cropping Land Details Screen (2)

- The plot details entered gets saved for the farmer in the upper section.
    - These details can be deleted from the list by clicking the Remove Plot option.
- In the bottom section, you can add more plot details by entering data in the respective fields.
- Subsequently, multiple plot details can be added for the respective farmer and also removed.
- Select the types of Farm Equipments/Implements available for farming from the menu list.

Click the Save and Continue option to proceed further.

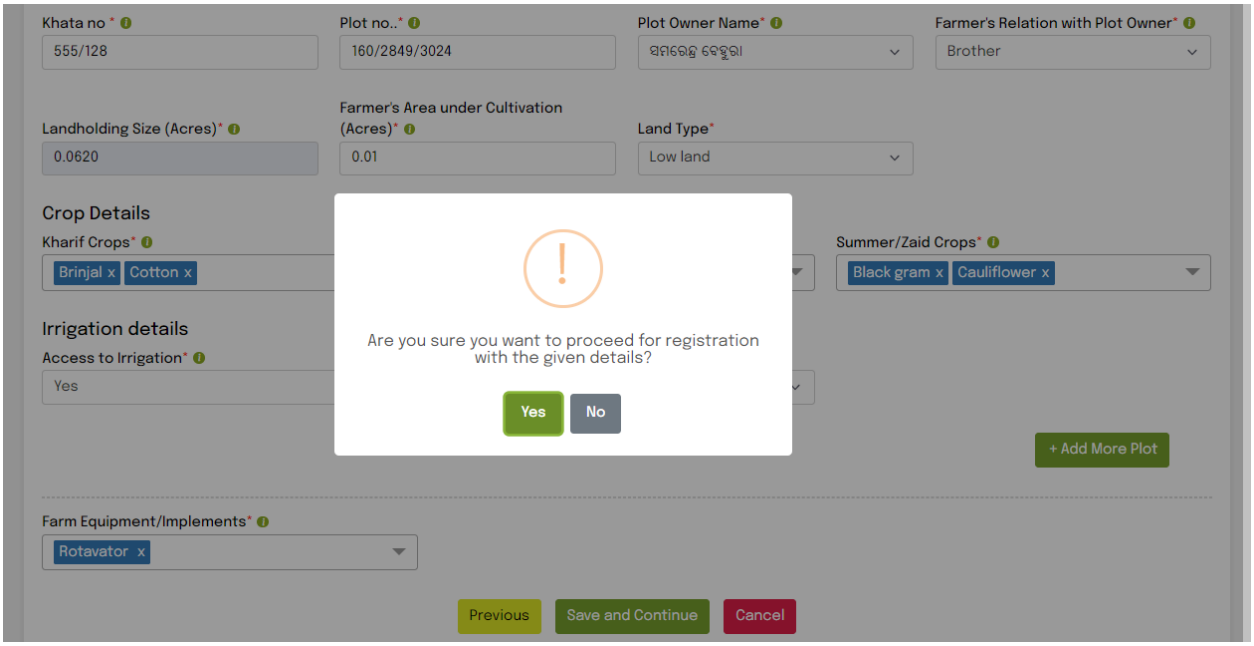

Figure 4-16 Alert Message Screen

Click Yes to proceed to complete the registration process.

Once saved, you will be navigated to each of the Animal Production screen as follows wherein all data needs to be selected from the respective fields.

4.6 ANIMAL PRODUCTION

Proceeding further to the Animal Production screen, refer Fig. 4-17:

- Choose either Yes or No, if the farmer owns large Animals or not from the drop down list.

- If Yes, then for the list of various types of large animals available, enter the number of each variety of the animal owned by the farmer followed by tagging the respective animal name.
  - The farmer can enter the Animal Tag for the respective large animal types. This field enables multiple entry of data with respect to no. of large animals.

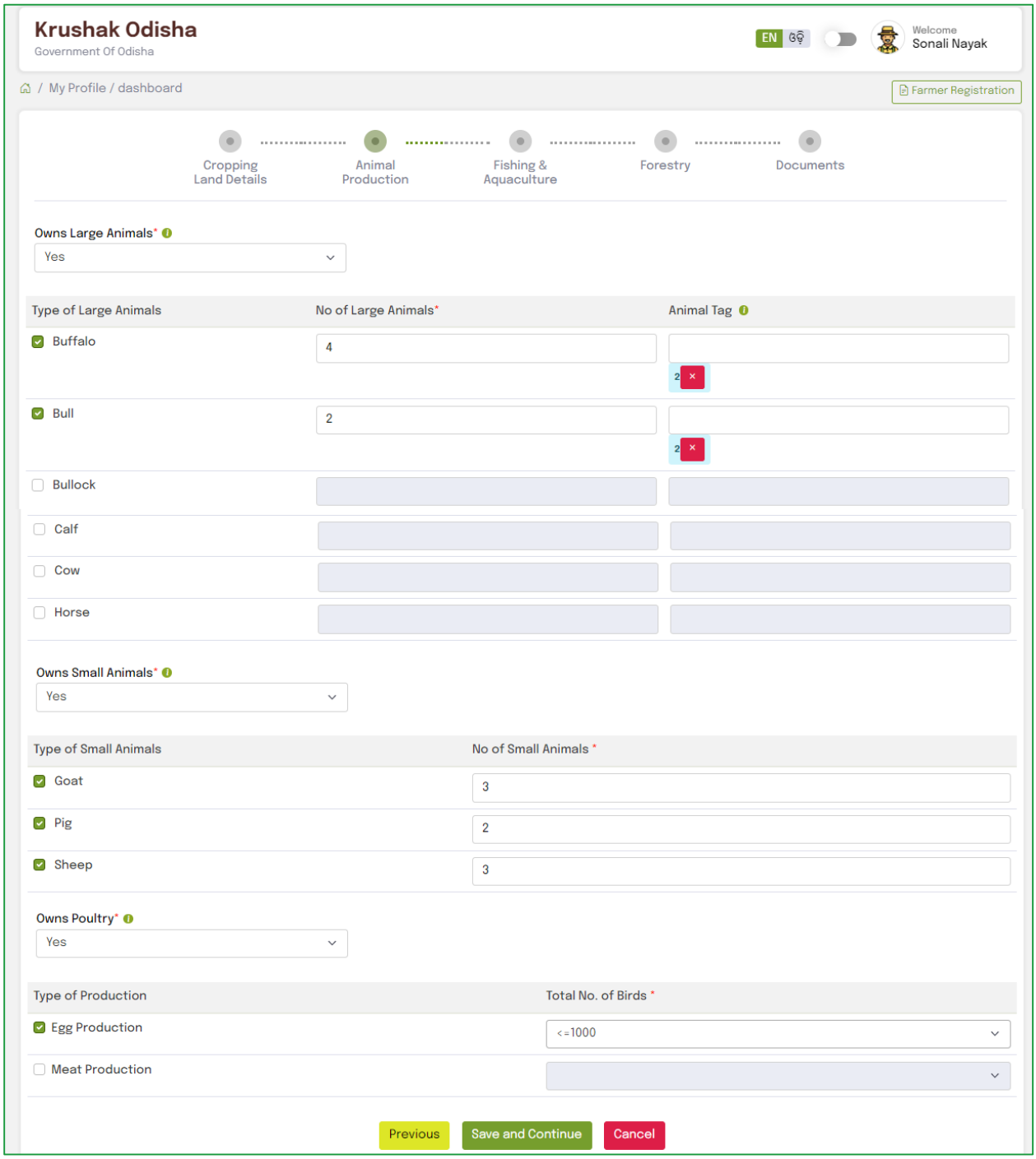

Figure 4-17 Animal Production Screen

- Choose either Yes or No, if the farmer owns small Animals or not from the drop down list.
    - If Yes, then for the list of various types of small animals available, enter the number of each variety of small animals owned by the farmer.
- Choose either Yes or No, if the farmer owns Poultry farm or not.
    - If Yes is chosen, then select the capacity of production unit against the respective production type.
- Save and Continue to the next screen for further data input.

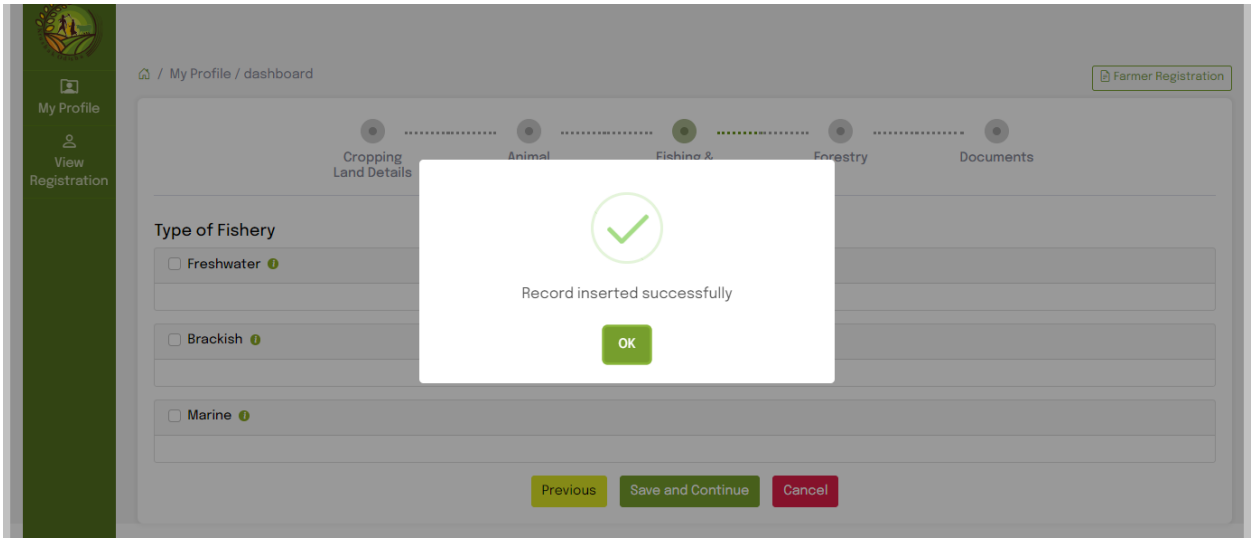

Figure 4-18 Alert Message Screen

Thus, the animal production record is inserted successfully.

Click OK to proceed to complete the registration process.

Once saved, you will be navigated to Fishing and Agriculture screen as follows wherein all data needs to be selected from the respective fields.

4.7 FISHING AND AGRICULTURE

Landing onto the Fishing and Agriculture screen, i.e. Fig. 4-19, select the type of Fishery owned by the farmer from the options provided-

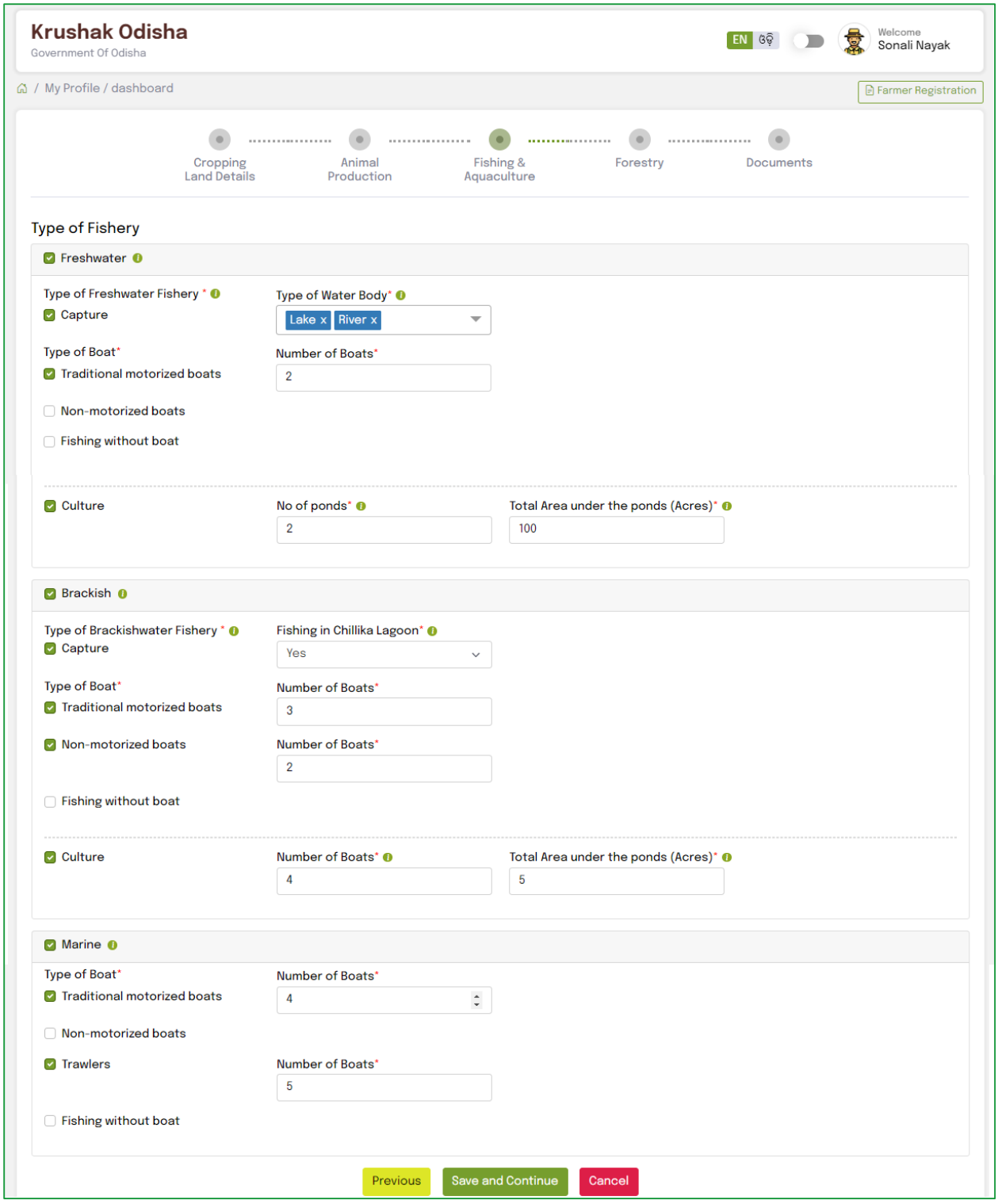

Figure 4-19 Fishing and Agriculture Screen

For the various types of Fishery heads displayed, i.e. Freshwater, Brackish or Marine, select the checkbox against the respective heads from the menus provided which is applicable for the farmer.

If the Freshwater fishery type is selected, then-

- Select the type of freshwater fishery type, i.e. Capture
- Type of water body for the freshwater fishery, i.e. Lake, pond, etc.
    - Here, you have the choice to choose multiple options.
- Select the Type of boat that can sail in the water body, i.e.
    - Traditional motorized boats
    - Non-motorized boats
        - Enter the number of boats that can be accommodated against each of the selected boat type.
    - Fishing without boat
- Select the type of freshwater fishery type, i.e. Culture
    - No. of ponds in the respective water body
    - Total area under the Ponds (Acre).

Similarly, in the Brackish fishery type section-

- Select the type of Brackish fishery from the options given, i.e. Capture
- Select whether Fishing is possible in the Chillika Lagoon or not.
- Type of boat that can sail in the water body, i.e.
    - Traditional motorized boats
    - Non-motorized boats
        - Enter the number of boats that can be accommodated against each of the selected boat type.
    - Fishing without boat
- No. of ponds in the respective water body, i.e. Culture and
- Total area under the Ponds (Acre).

In the Marine Fishery type,

- Select the Type and number of Boats that can be accommodated in the respective fishery type, i.e.
    - Traditional motorized boats
    - Non-motorized boats
    - Trawlers
        - Enter the number of boats that can be accommodated against each of the selected boat type.

- Fishing without boat

Save and Continue to the next screen for further data input.

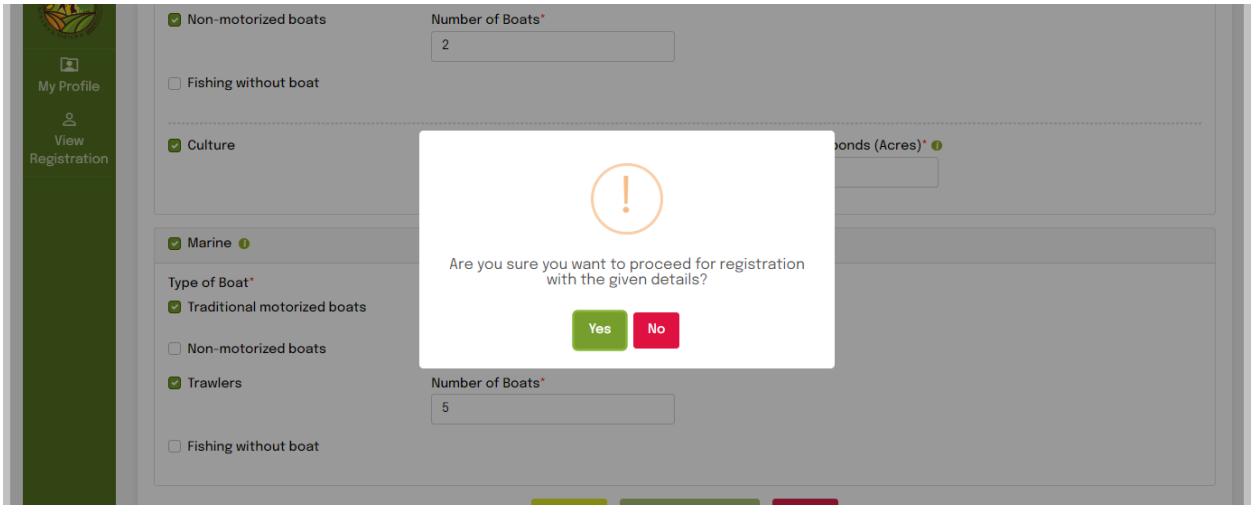

Figure 4-20 Alert Message Screen

Thus, the Fishing and Agricultural record is inserted successfully.

Click Yes to proceed to complete the registration process.

Once saved, you will be navigated to Forestry screen as follows wherein all data needs to be selected from the respective fields.

4.8 FORESTRY

Landing in the Forestry page, i.e. Fig. 4-21:

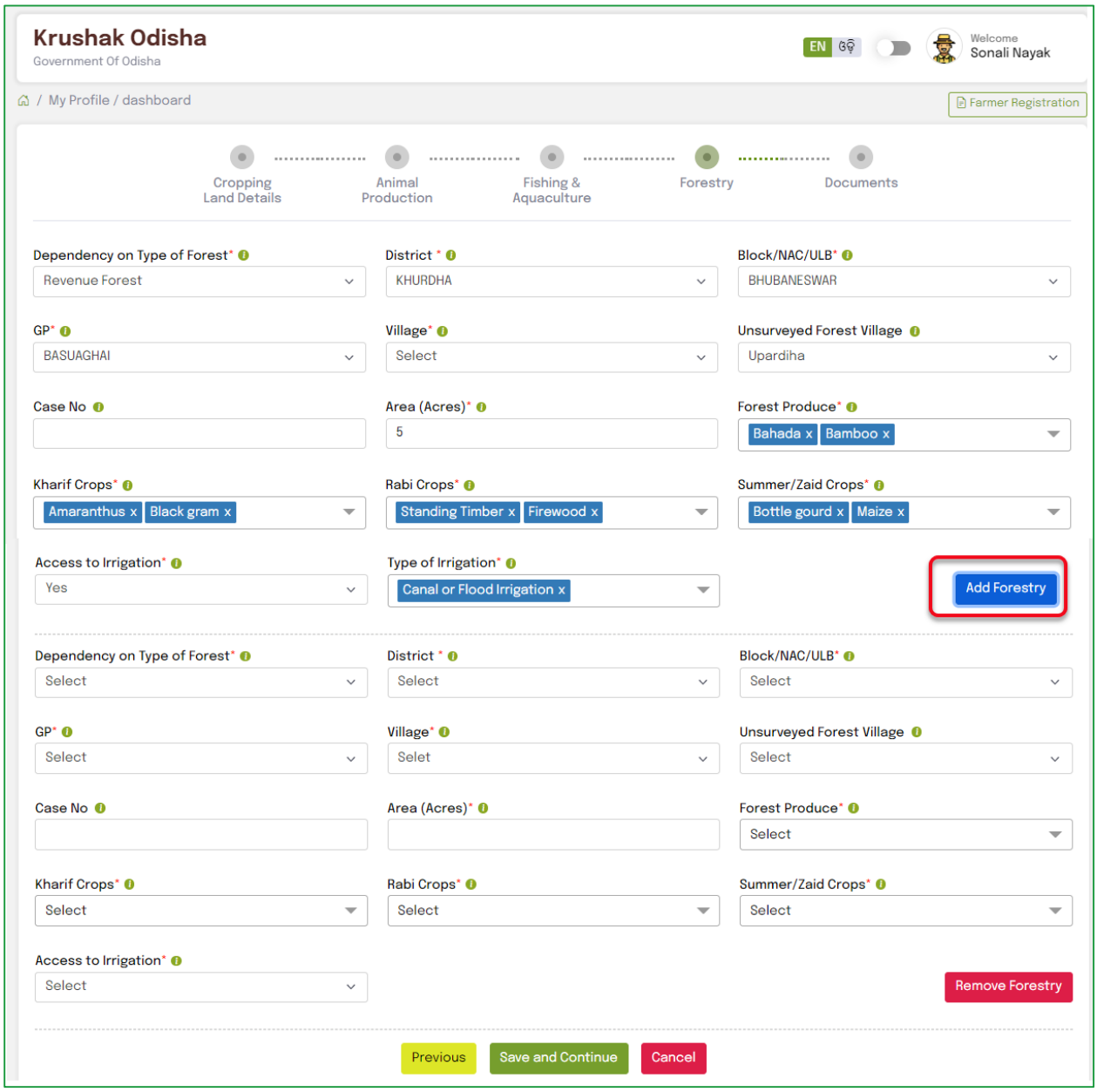

Figure 4-21 Forestry Screen

Select the details of the Forestry agricultural type owned by the farmer from the respective fields-

- Select the details of the Dependency on Type of Forest from the drop down menu.

- To select for the location of the forestry, select the name of the District, Block/NAC/ULB, GP and village from the respective menus.
- Select the name of the Unsurveyed Forest Village from the menu list available.
- Provide the Case No. and Area of the forest in the respective fields.
- Select the type of crops produced in the forest, i.e. Forest Produce, Kharif Crops, Rabi Crops, Summer/Zaid Crops, etc. from the respective menus.
    - Here you have the choice to choose multiple options in the respective fields.
- Select if there is Access to Irrigation through the forest or not followed by selecting the Type of Irrigation.
- Click the Add Forestry option to save the forest record to the farmer's profile.
- To add a new forest record, enter data in the respective fields in the below section.
- Save and Continue to the finishing screen.

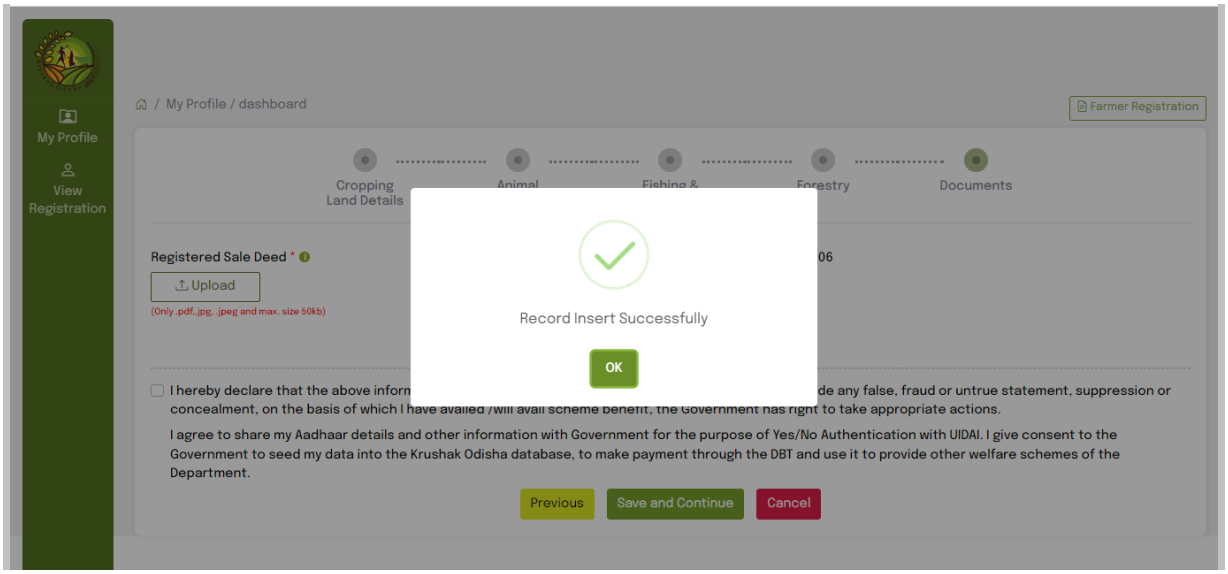

Figure 4-22 Success Screen

Thus, the forestry details are inserted successfully.

Click OK.

4.9 DOCUMENT SUBMISSION

Once the occupation details of the farmer is saved, you are lead to the Document submission screen wherein you need to upload the documents supporting the farmer registration, refer Fig. 4-23:

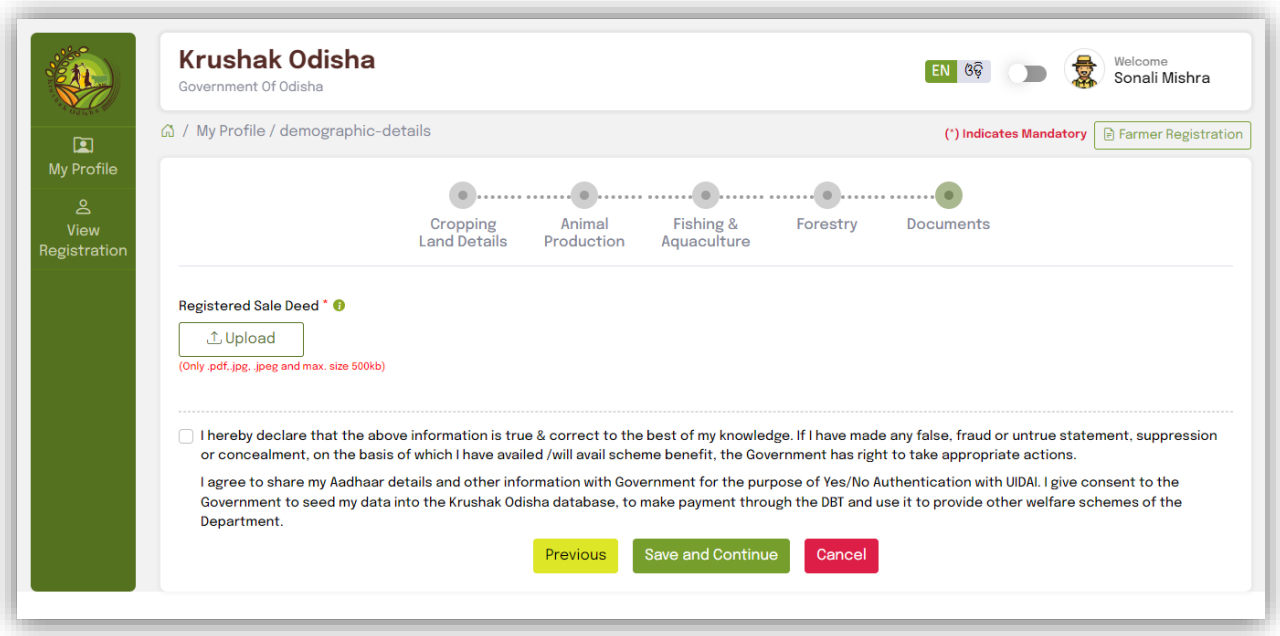

Figure 4-23 Document Submission Screen

With reference to Fig. 4-23 above:

- Scan and upload a copy of the Registered Sale Deed of the farmer's land which should be only in .pdf, .jpg or .jpeg and not exceeding the size of 500kb.
- Having read all the terms and conditions, select the checkbox for the declaration given.
- Click the Save and Continue button to proceed further.

After uploading the documents, the system gives an alert message asking whether to proceed with document submission with the details given. Refer Fig. 4-24:

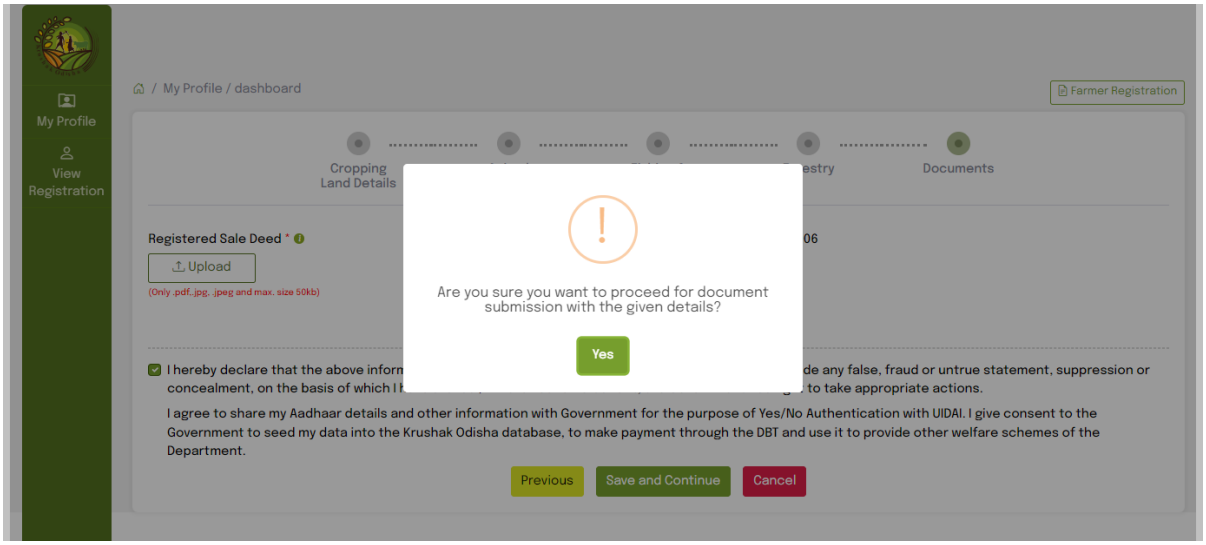

Figure 4-24 Alert Message

If you agree, then click the Yes button. This leads to generating the Acknowledgment receipt confirming that Your application has been submitted successfully.

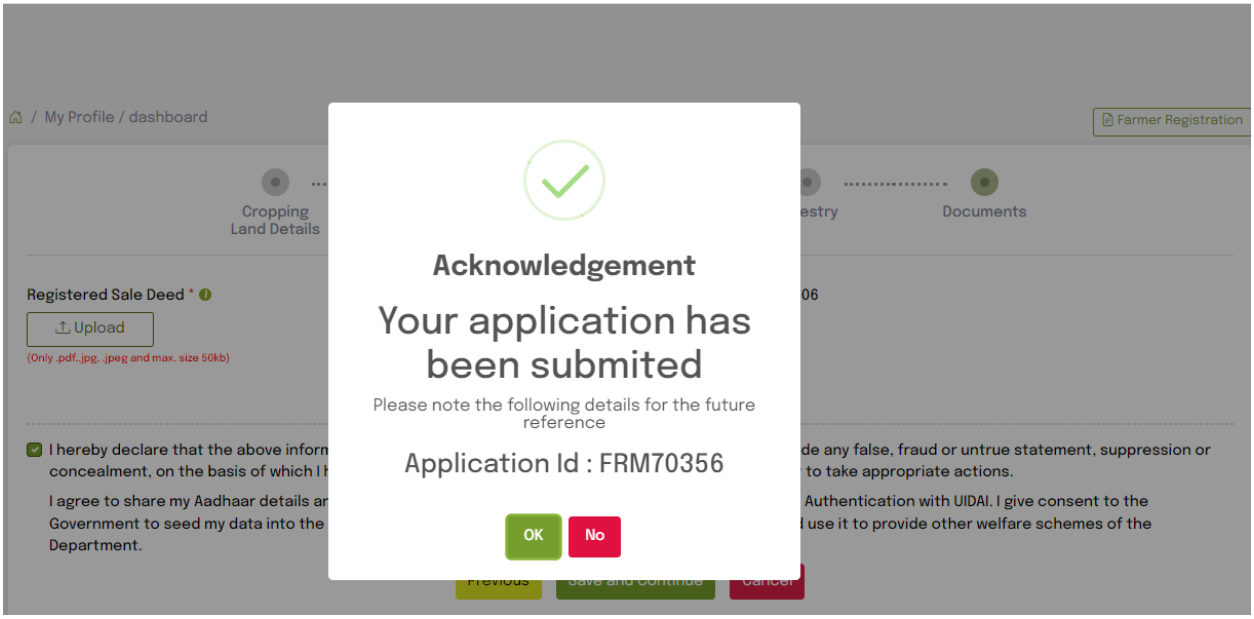

Figure 4-25 Acknowledgment Screen

The Application Id generated needs to be retained for future reference.

Click OK.

You are further taken to the complete Application screen as shown below in Fig. 4-26 wherein you can Edit or Update the application details for the respective sections-

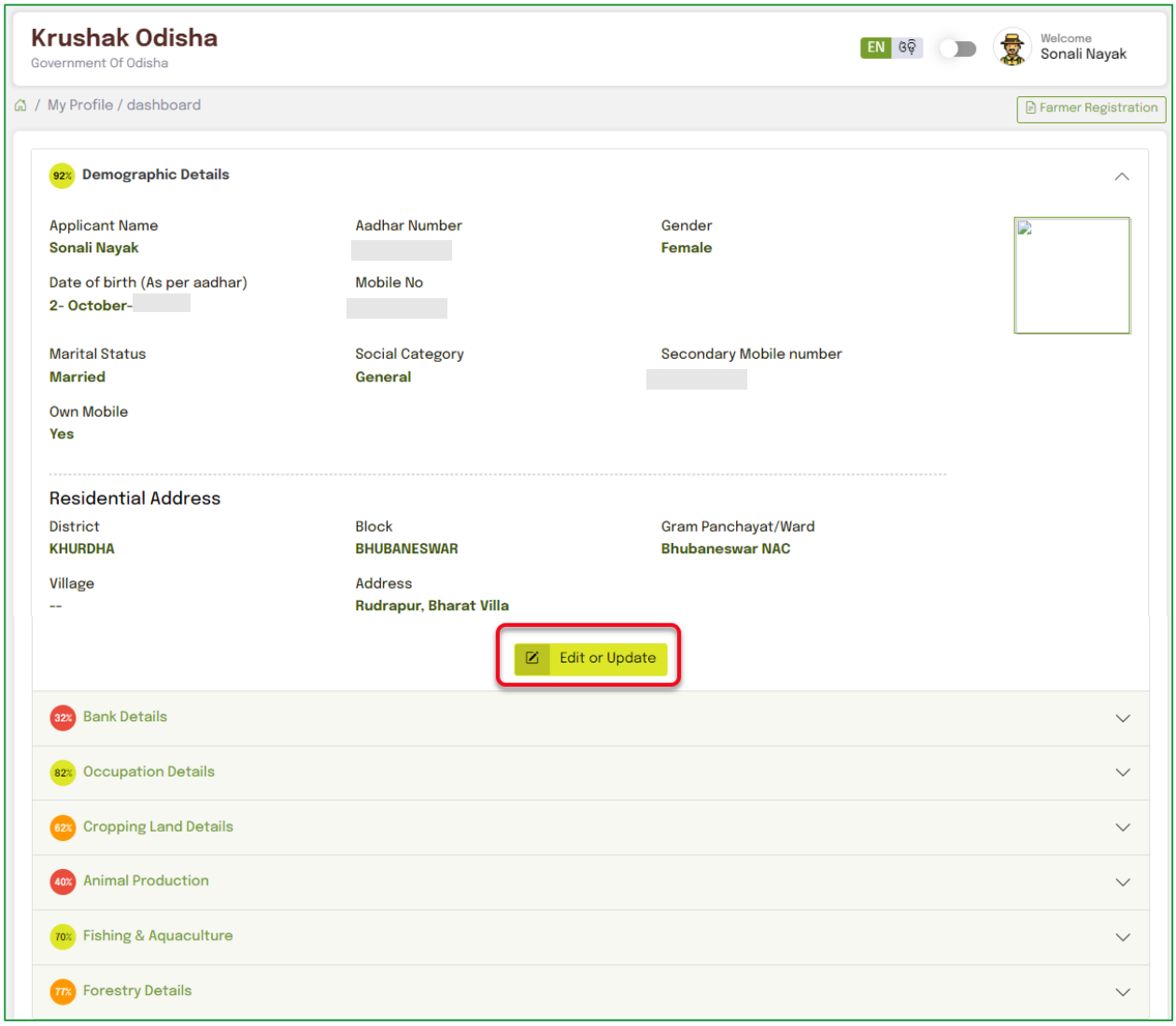

Figure 4-26 Application Screen

Table of Figures

Figure 2-1 Welcome Screen 3
Figure 2-2 Aadhaar Verification Screen 3
Figure 2-3 Farmer Dashboard 4
Figure 2-4 Verify Mobile Number Screen 5
Figure 2-5 Mobile Number Update Alert Message Screen 6
Figure 2-6 OTP Validation Screen 6
Figure 2-7 Success Message Screen 7
Figure 2-8 OTP Validation in Primary Mobile Number Screen 8
Figure 3-1 Dashboard 9
Figure 4-1 Applicant Profile Screen 10
Figure 4-2 Mobile Number Not Registered Alert Message Screen 11
Figure 4-3 Mobile Number Update Screen 11
Figure 4-4 OTP Validation Screen 12
Figure 4-5 Dashboard 13
Figure 4-6 Demographic Details (1) 14
Figure 4-7 Demographic Details (2) 15
Figure 4-8 Alert Screen 16
Figure 4-9 Bank Details Screen 17
Figure 4-10 Alert Screen 18
Figure 4-11 Success Message Screen 18
Figure 4-12 Occupational Details Screen 19
Figure 4-13 Alert Screen 20
Figure 4-14 Cropping Land Details Screen (1) 21
Figure 4-15 Cropping Land Details Screen (2) 24
Figure 4-16 Alert Message Screen 24
Figure 4-17 Animal Production Screen 26
Figure 4-18 Alert Message Screen 26
Figure 4-19 Fishing and Agriculture Screen 27
Figure 4-20 Alert Message Screen 29

Figure 4-21 Forestry Screen 30
Figure 4-22 Success Screen 31
Figure 4-23 Document Submission Screen 32
Figure 4-24 Alert Message 33
Figure 4-25 Acknowledgment Screen 33
Figure 4-26 Application Screen 34