User Manual

(For Applicant)

Experimental License for 100 5G Labs

Department of Telecommunications

Government of India

01 April, 2024

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Section-1

1.1 General Introduction

SARALSANCHAR'(Simplified Application For Registration and Licenses) a Web based Portal, for Issuing of various types of Licenses and Registration certificates is part of various Digital initiatives being taken by Department of Telecommunications. It is a unified portal to issue various types of Licenses and registrations in a digitized manner which will not only ensure transparency but also make the process more efficient. This will pave the way for a paperless, secure and hassle-free platform for various applicants.

Acronyms and Abbreviations

List of the acronyms and abbreviations used in this document and the meaning of each.

- **DoT** : Department of Telecommunications.
- **NSWS** : National Single Window System.

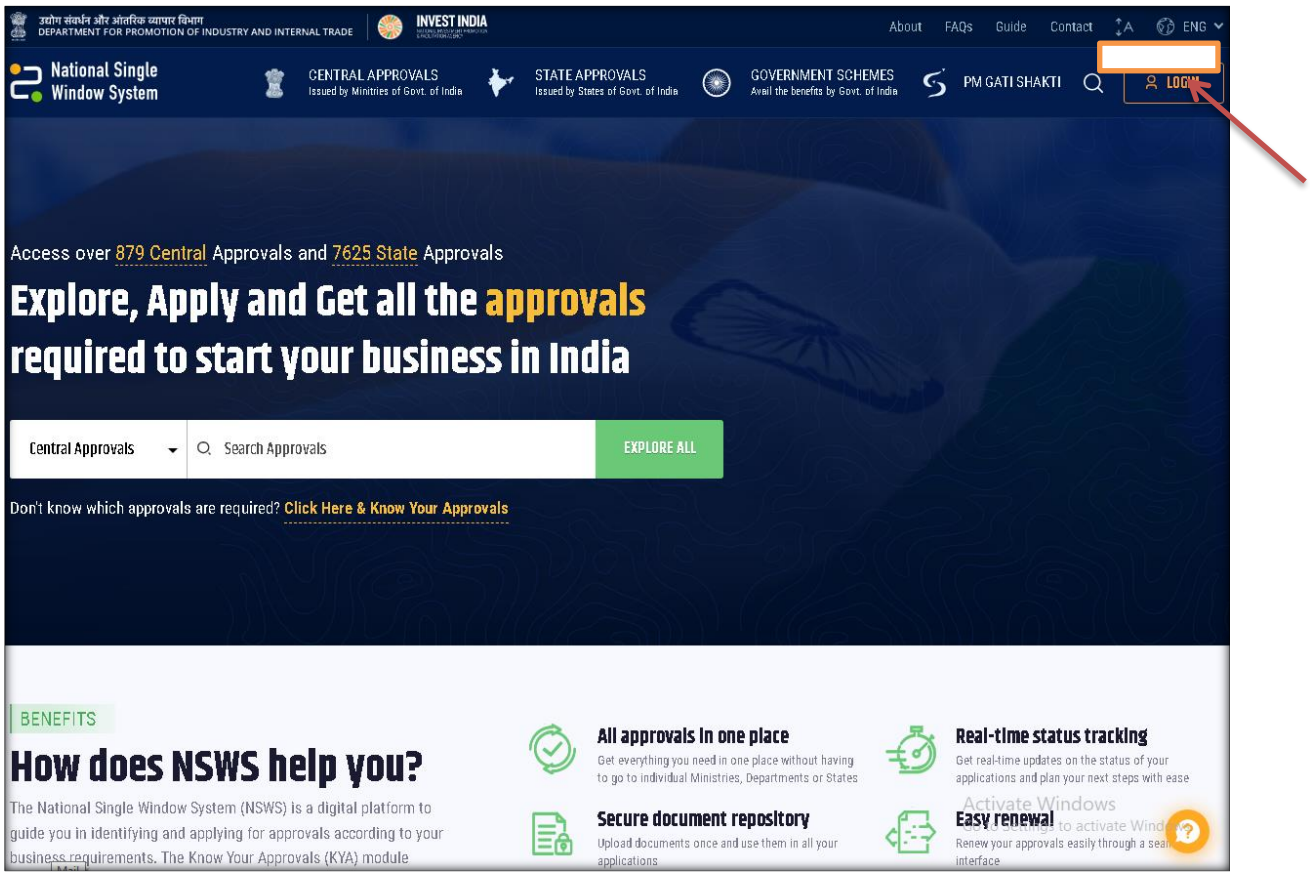
1.2 About Licenses

The Department of Telecommunications has awarded '100 5G Use Case Labs' to educational institutions across the country. The primary objective behind this initiative is to cultivate competencies and engagement in 5G technologies among students and start-up communities.

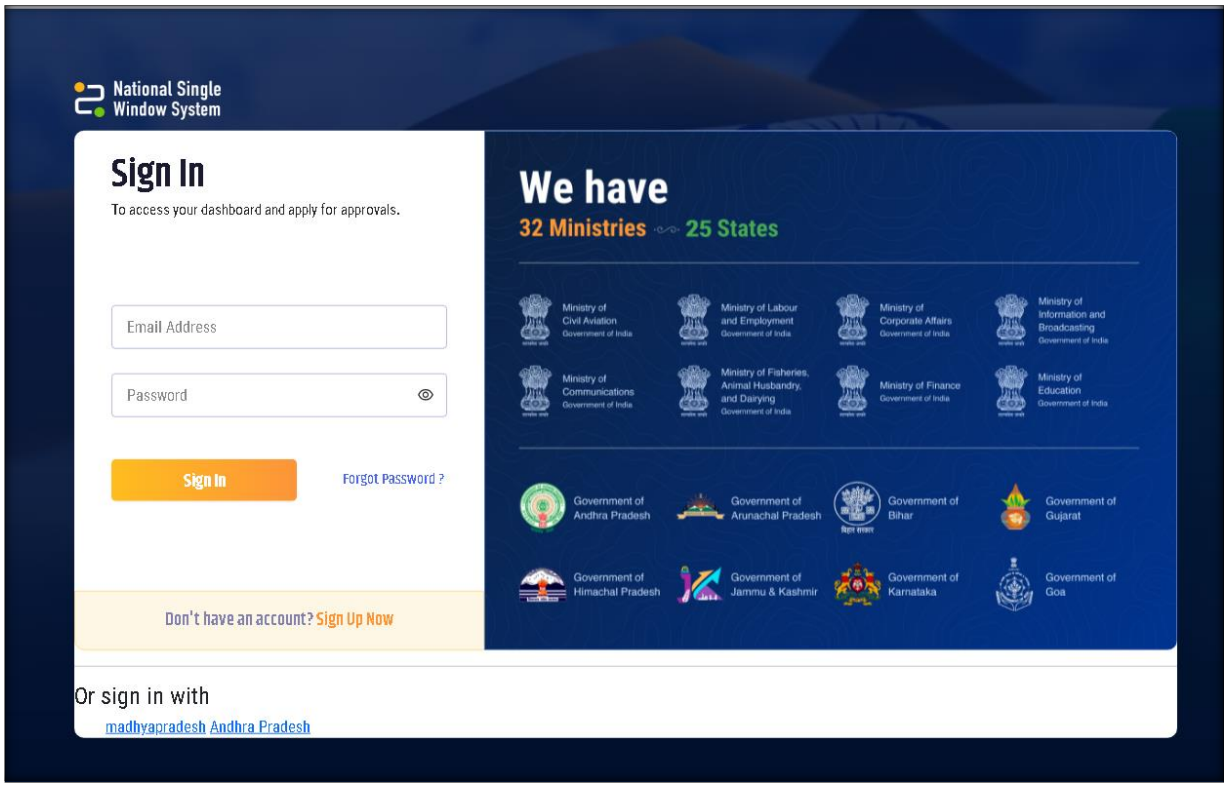
Section-2 Applicant Part

2.1 Login

Go to National Single Window System using the URL https://www.nsws.gov.in/.

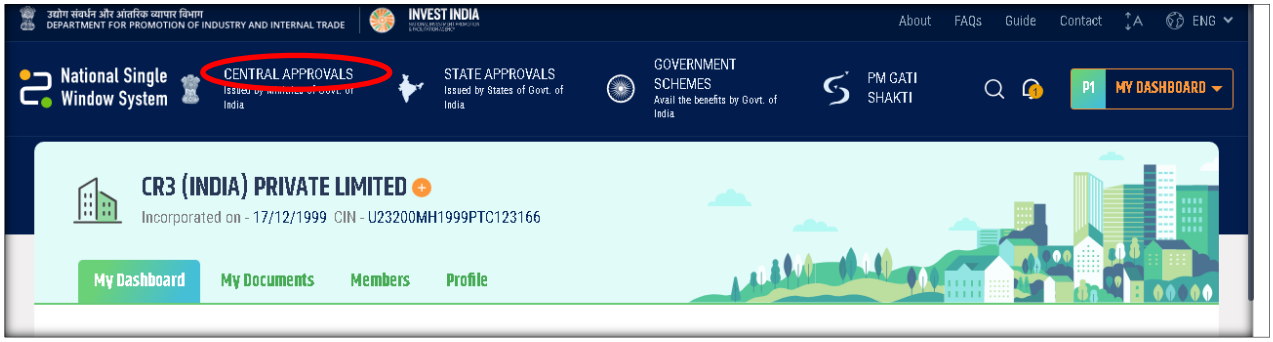


Click on Login. Following login form will open.

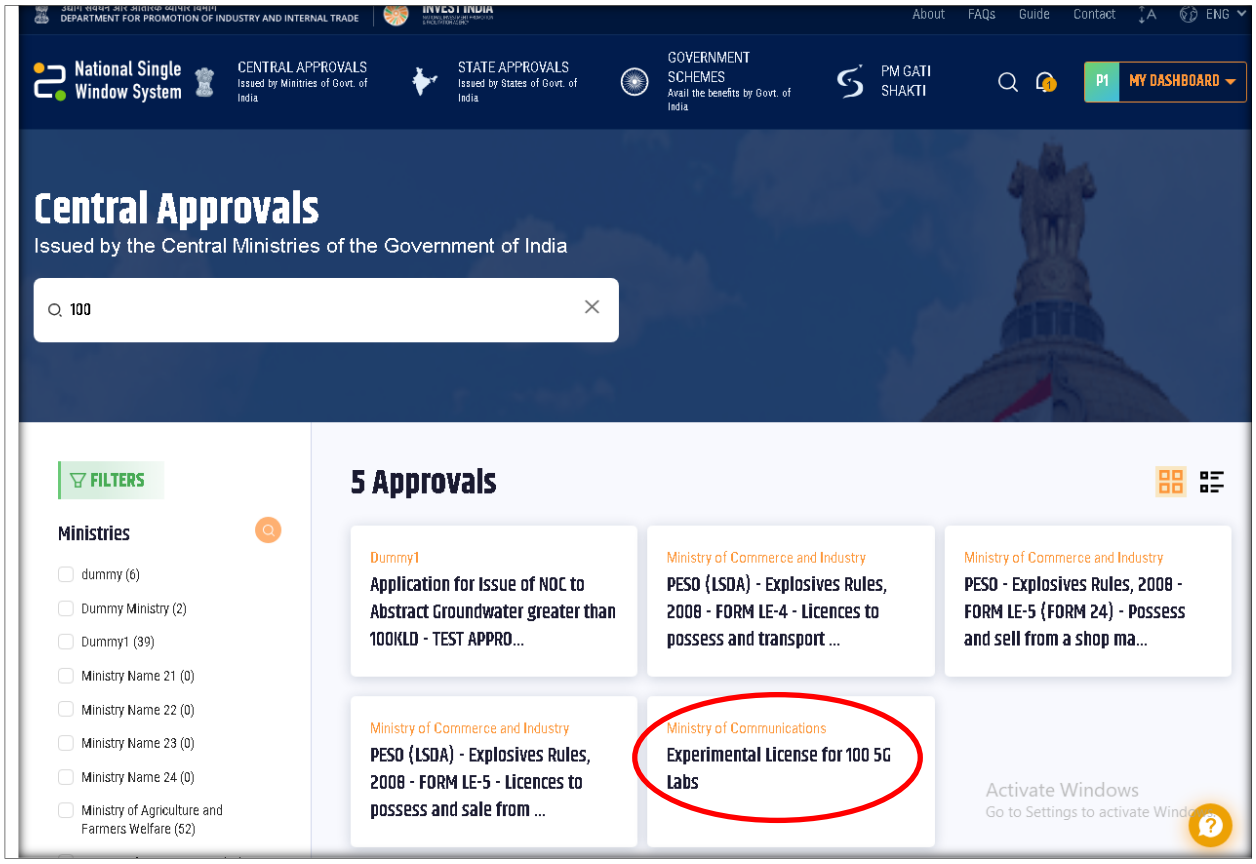


If you have account in the NSWS portal ,enter the credentials and sign in. If don not have account , click on Sign Up Now to create the account.
After successful Sign in you will be landed to Dashboard as shown in the following screenshot.

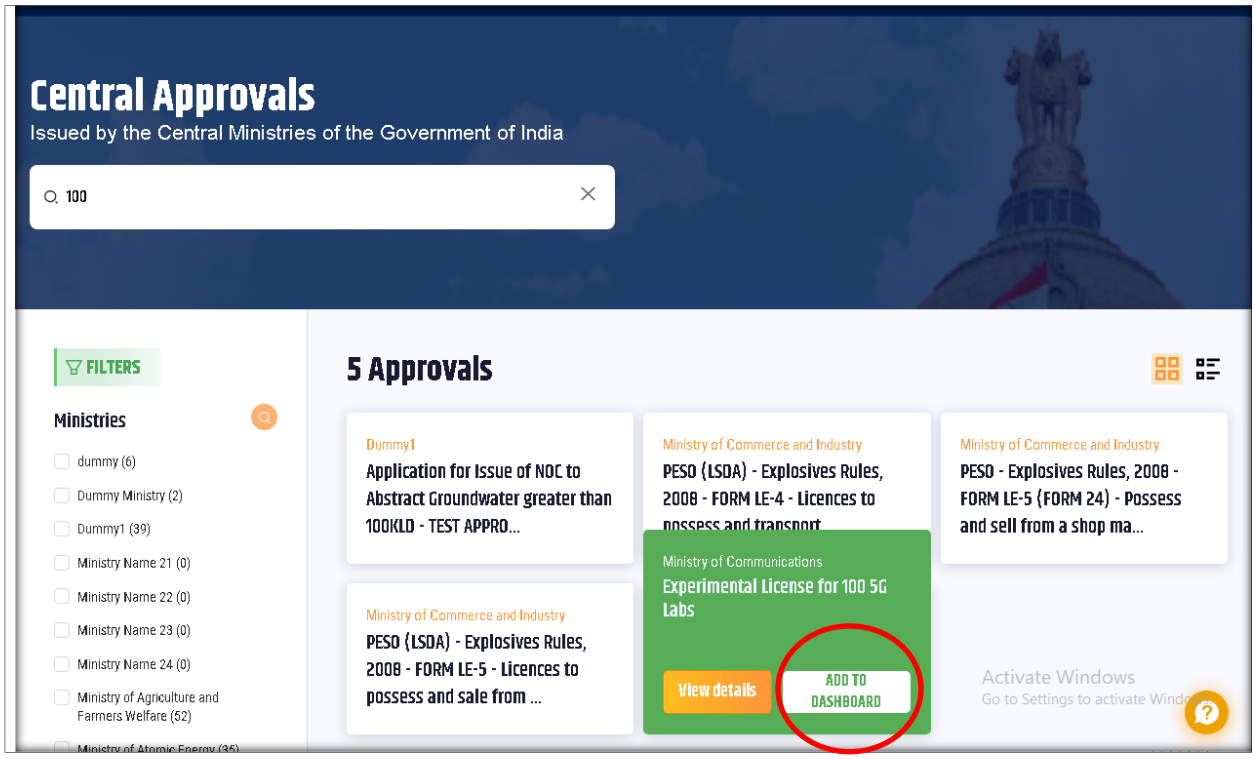
2.2 Creation of application in NSWS



Click on Central Approvals, following option will come.

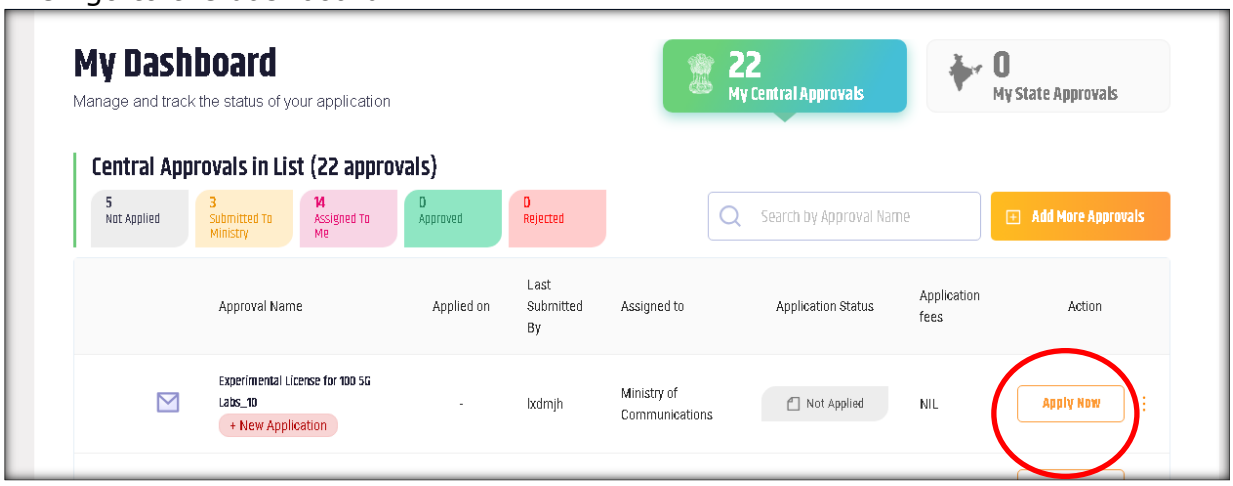


Search for Experimental License for 100 5G Labs. Click on “Experimental License for 100 5G Labs”. Then a popup will come to view details of license and add to Dashboard as shown in the following image.

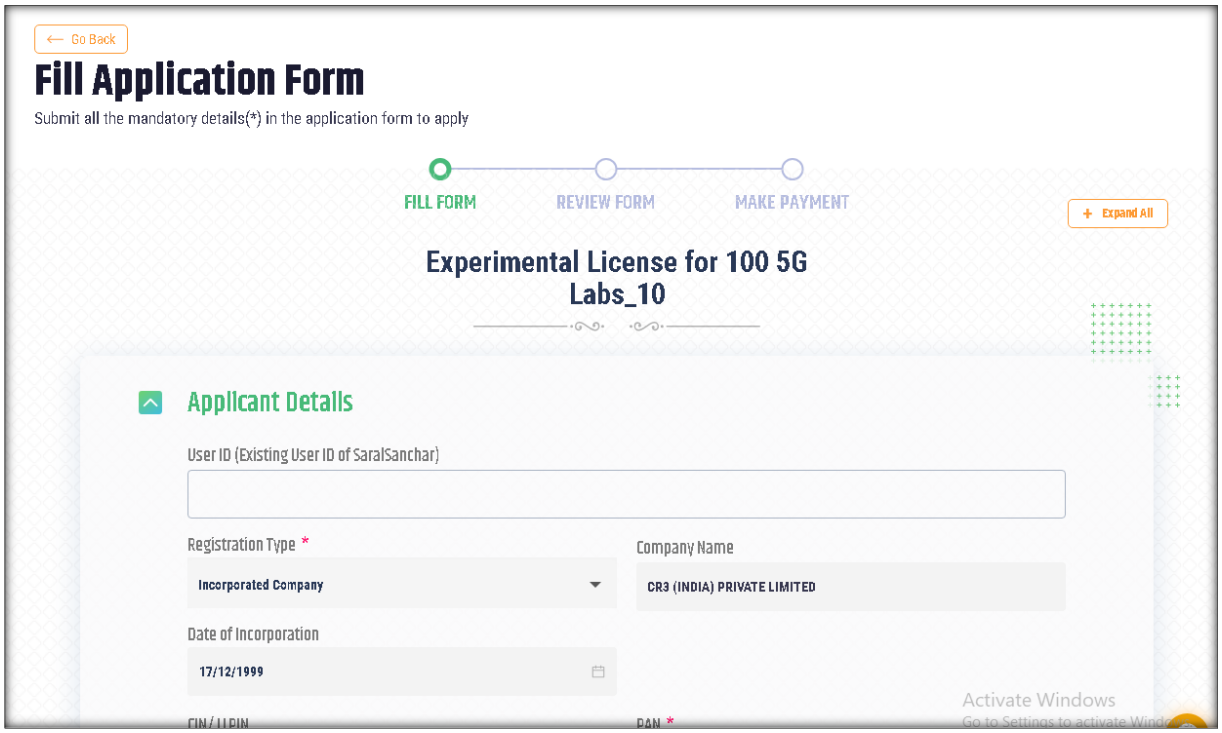


Click on "ADD TO DASHBOARD" this approval will be added in the dashboard.

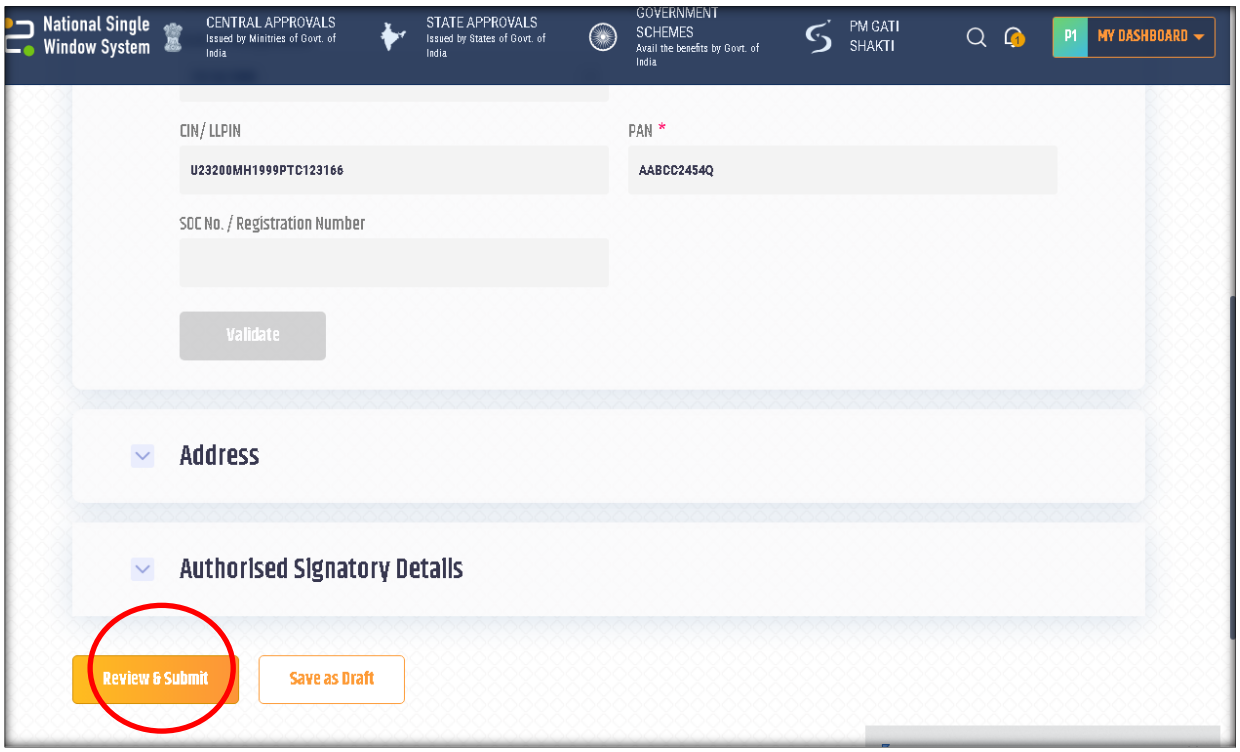
Then go to the dashboard



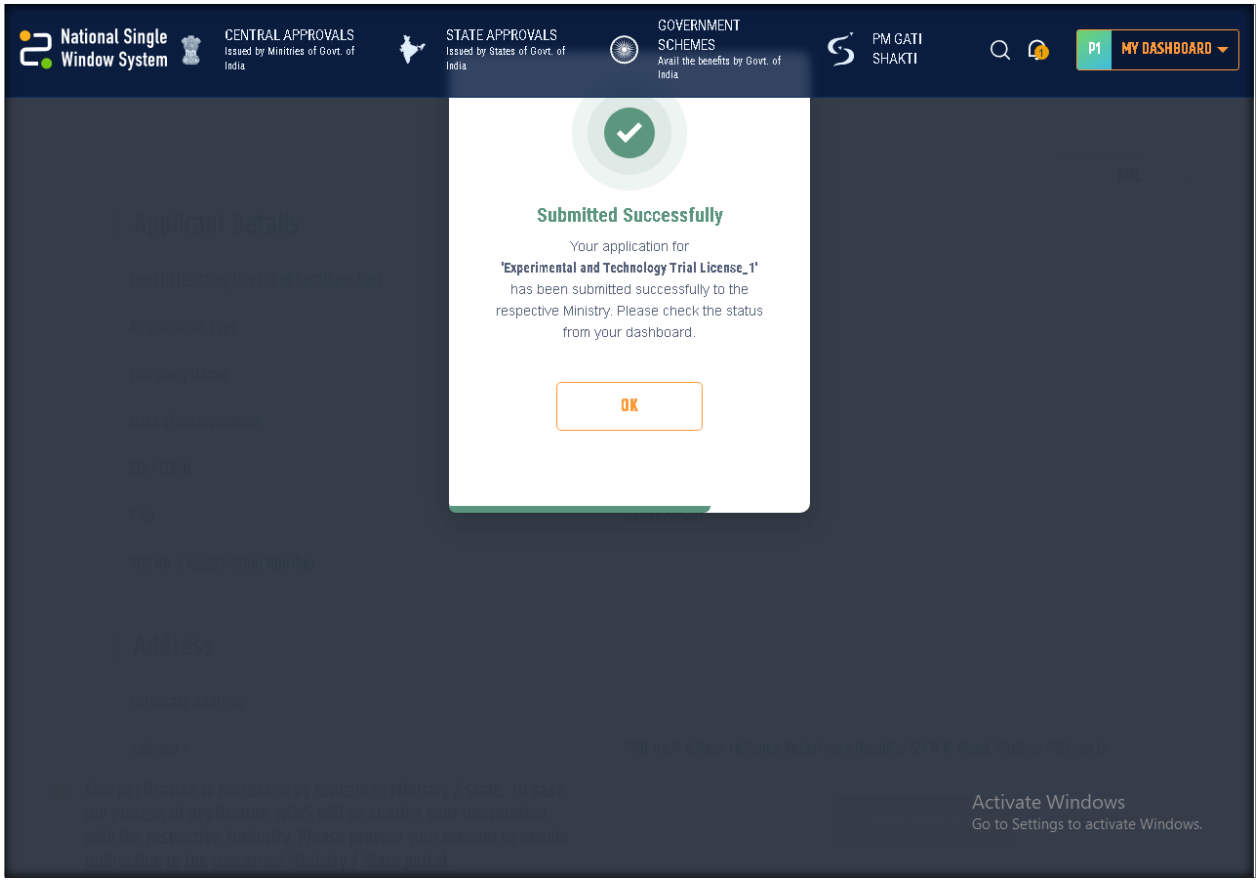
Click on "Apply Now" as shown in the above image, following form will open



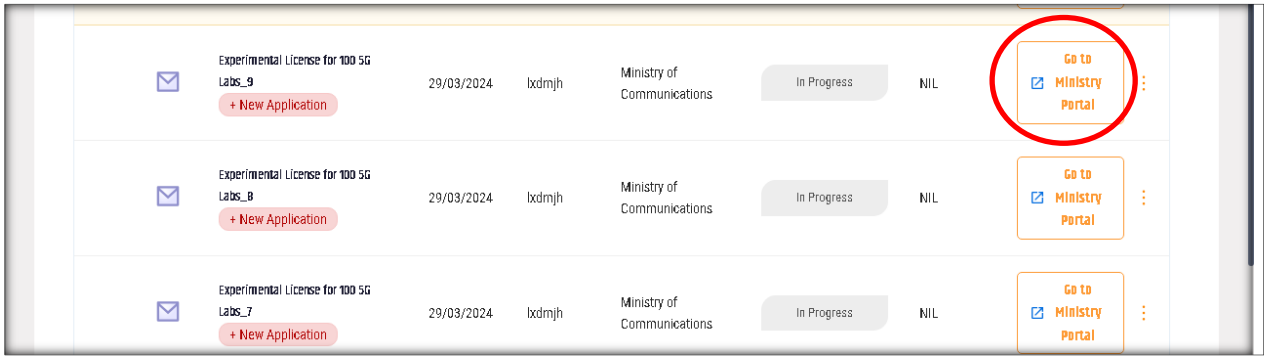
Enter existing User ID of Saralsanchar portal and click on validate button .



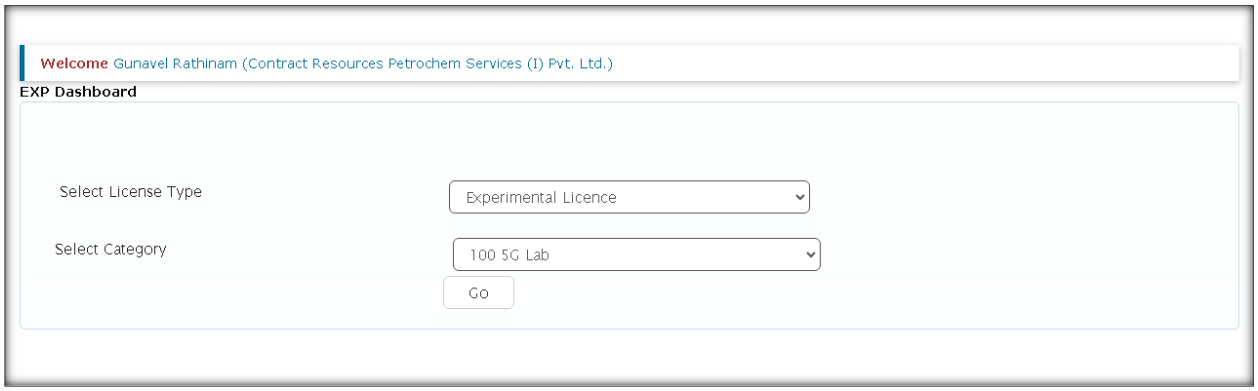
After successful validation click on “Review & Submit” button.



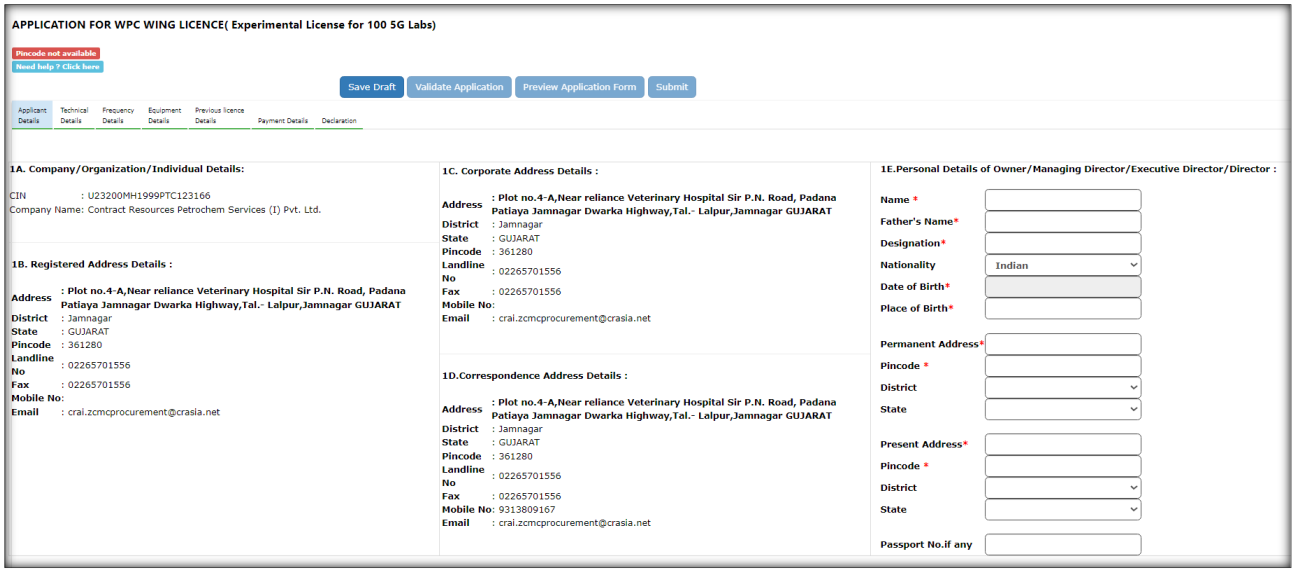
Application is submitted and a link(Go to Ministry Portal) will be available to get the application form as shown in the following image.



Click on Go to Ministry Portal button, you will be redirected to following page.



Click on “Go” button , the application form will open .



2.3 Application Form:

Below is a sample demo for Application of an Experimental License For 100 5G Labs.

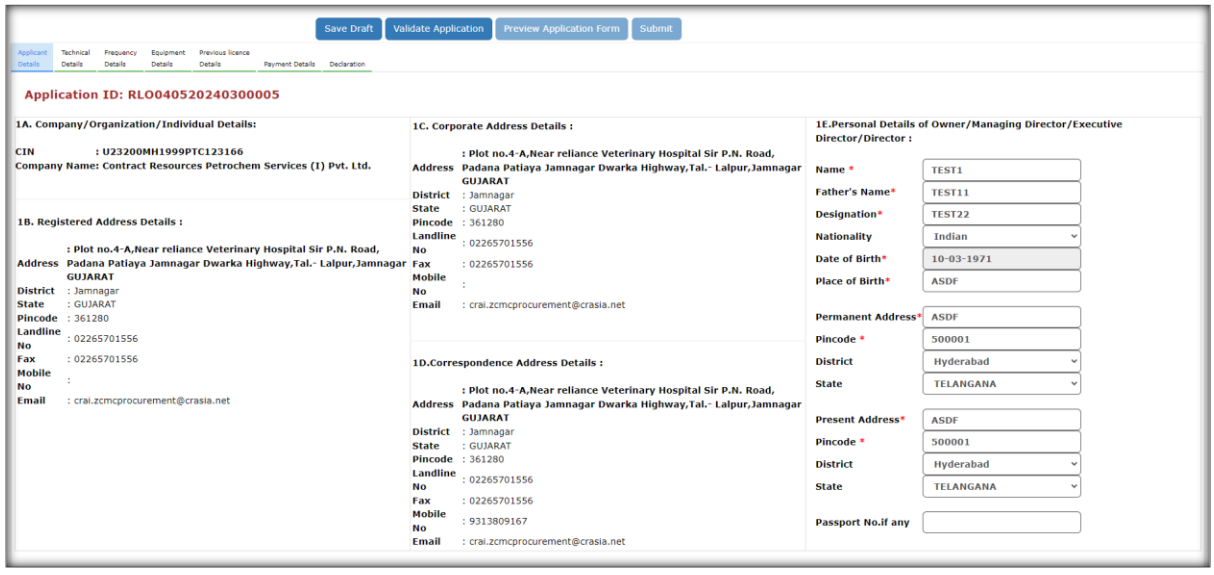
Application form will appear as follows. Form comprises of 7 steps viz. Applicant Details, Technical Details, Frequency Details, Equipment Details, Payment details and Declaration.

IMPORTANT

Digitally Signed Document : All the document to be uploaded hereafter must be in **"pdf format"** and **"digitally Signed"** . The portal will automatically reject any document which is not **digitally signed** or in **pdf format**.

2.3.1 Applicant Details

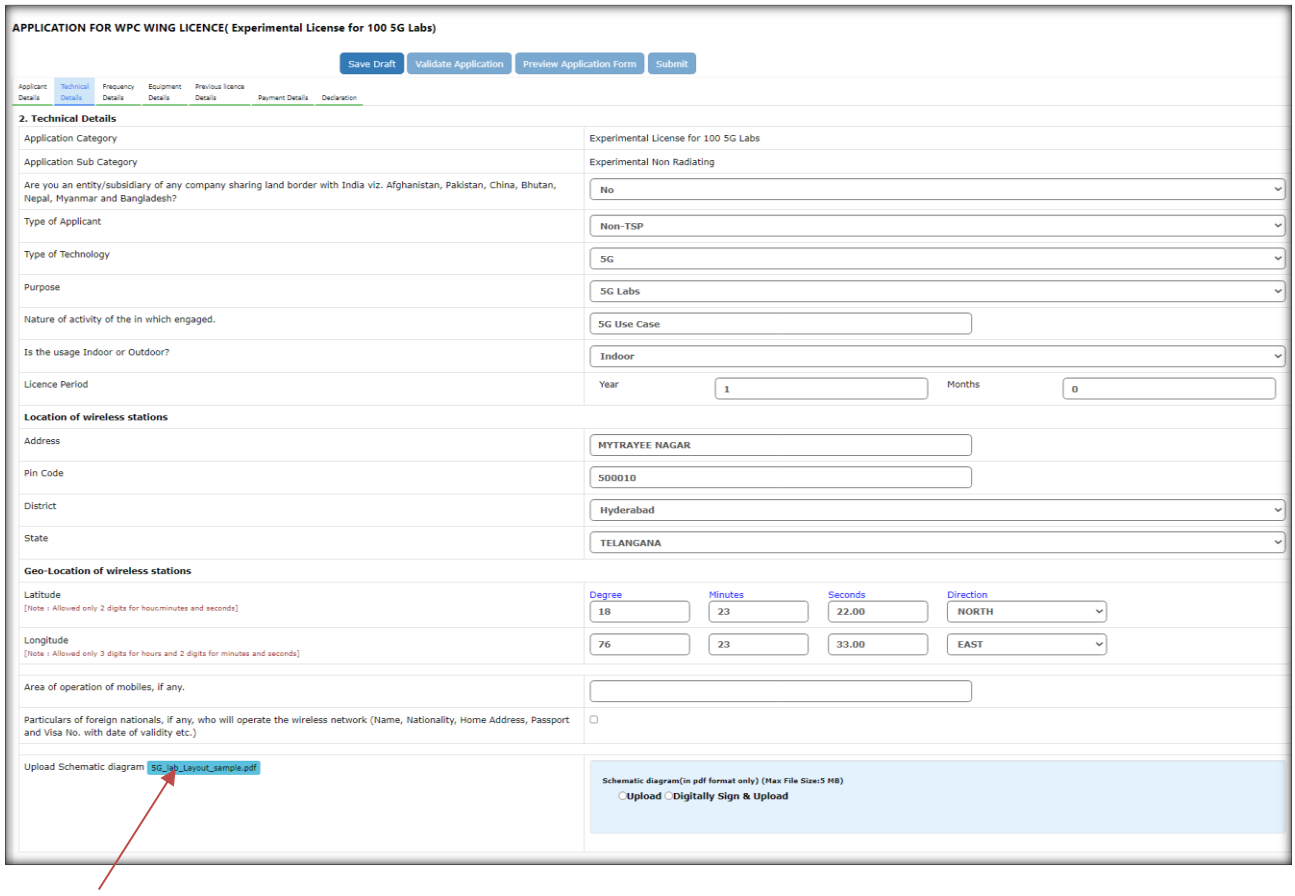
Applicant Details:
In this step the information about Applicant.1A,1B,1C and 1D will be auto populated as per user profile entered during registration or update profile.



1E Personal Details of Owner/Managing Director/Executive Director/Director details have to be entered.

2.3.2 Technical Details

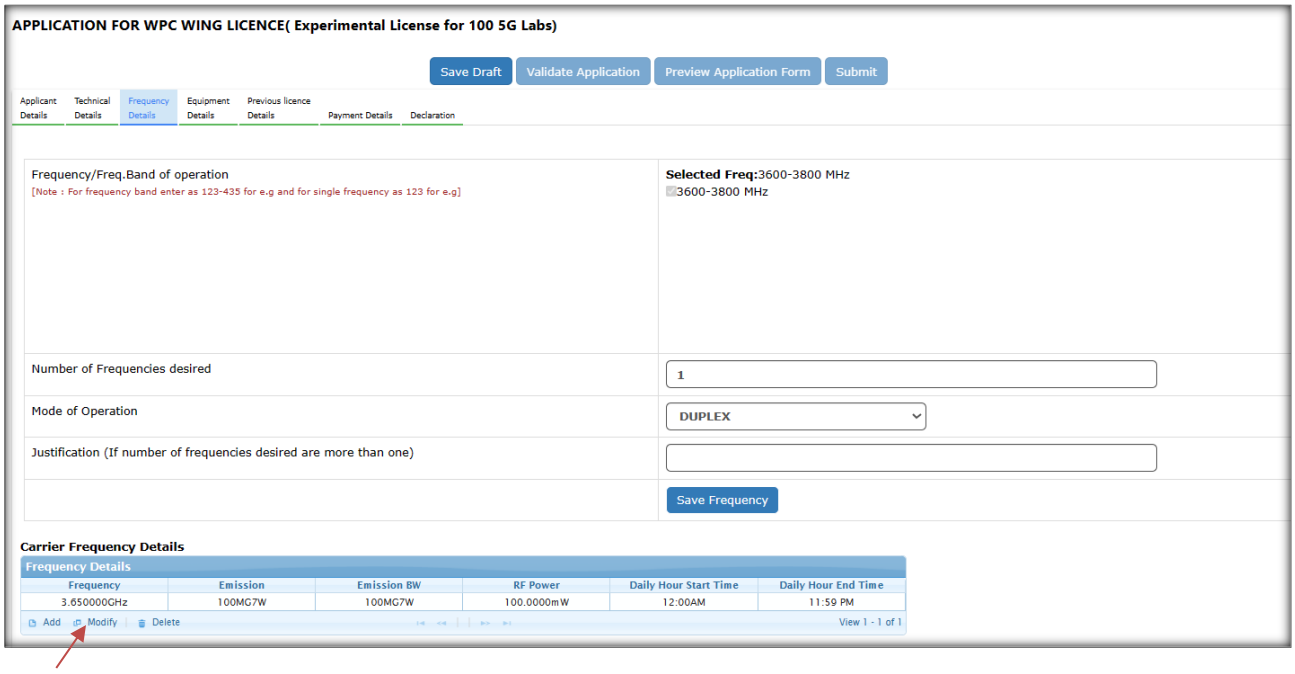
Technical Details: In this step the user has to fill up location of wireless station and go location of wireless station and click on "Save Draft" then application will created. After that by clicking "**choose File**" button against document and then selecting **file** and **upload** using "**upload button**". Sample copy of schematic diagram may be downloaded and signed it digitally and upload it.



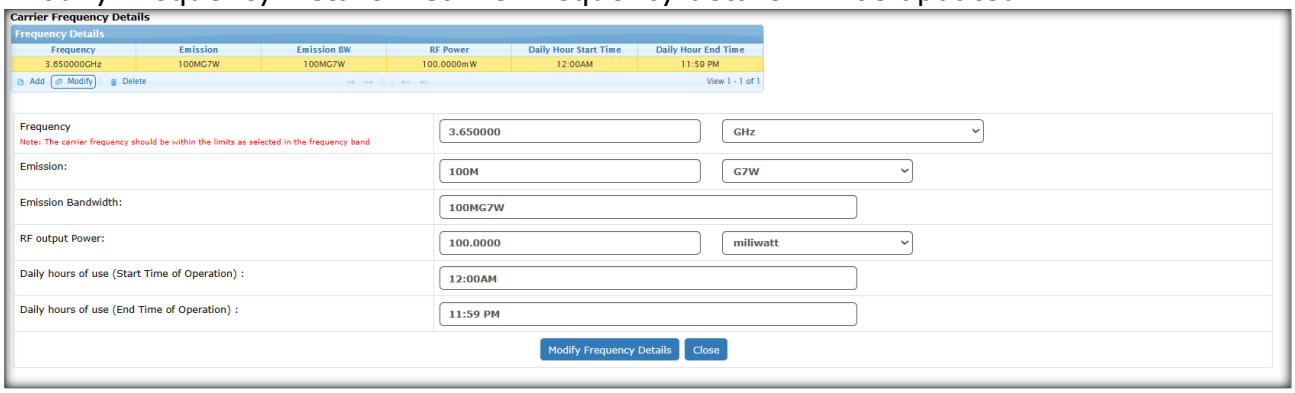
The form can be saved at any intermediate stage by clicking "save draft" button. After completion of this step, next step will be active using "next" button.

2.3.3 Frequency details

Frequency/Frequency Band of operation, number of frequency and mode of operation and carrier frequency details will be auto populated.

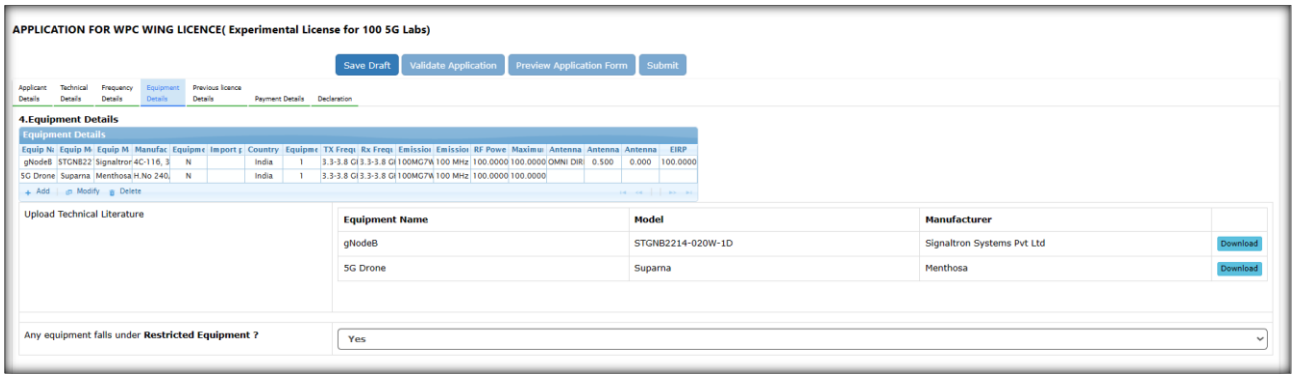


If you want to modify the carrier frequency details by clicking on "Modify" button as shown in the above image. On clicking Modify button , carrier frequency details form will open as shown in the below image. Modify as per requirement and click on "Modify Frequency Details". Carrier frequency details will be updated.



2.3.4 Equipment Details

Equipment details will be auto populated as shown in the following image.

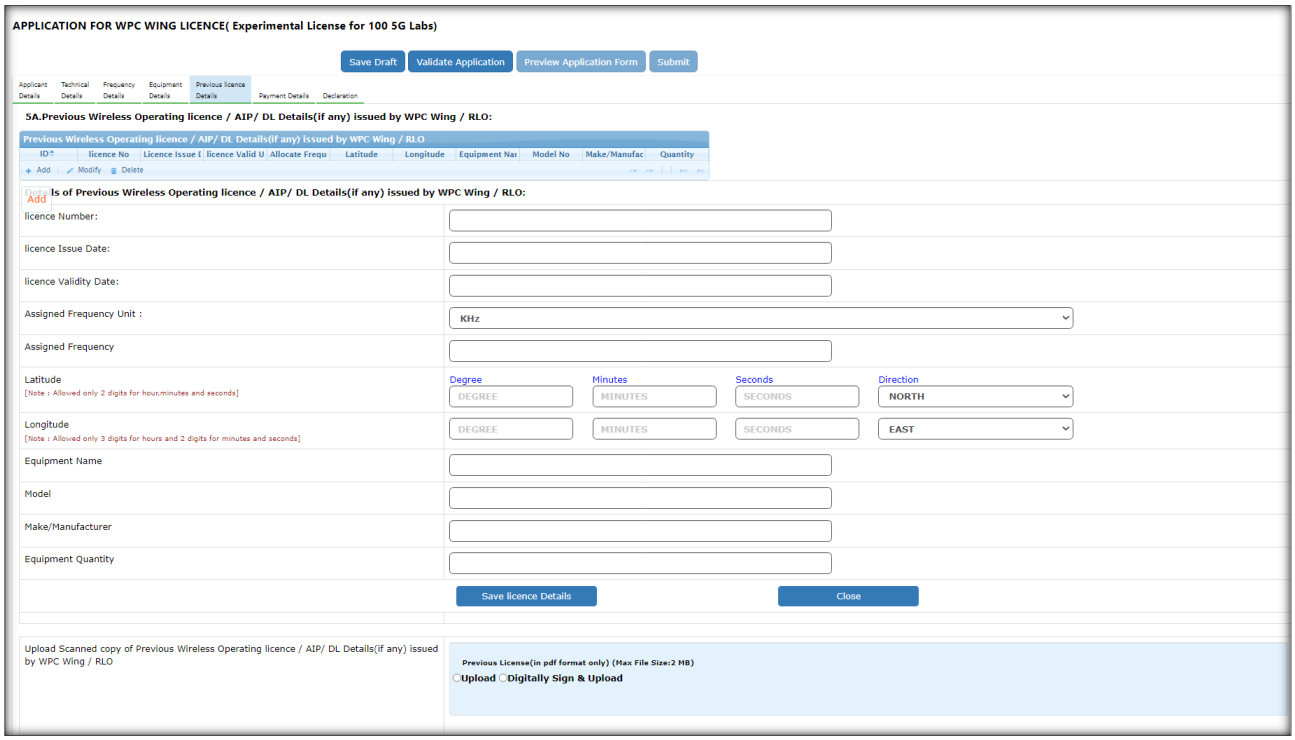


2.3.5 Previous License Details

This is optional.



If you want to add details click on Add button below form will open. Fill up all fields and click on save license details.



2.3.6 Payment Details

Payment option will be available after submitting this application.

2.3.7 Declaration

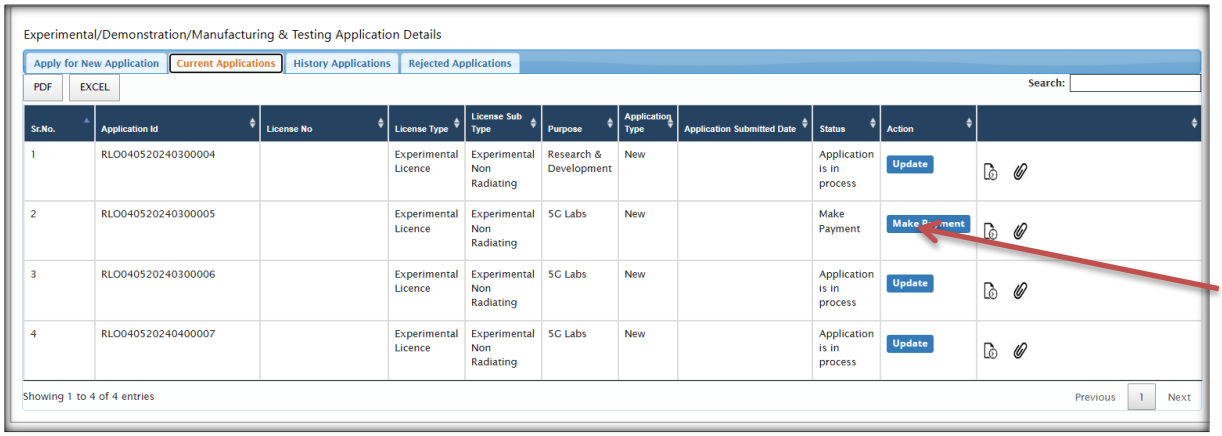
Accept the declaration.



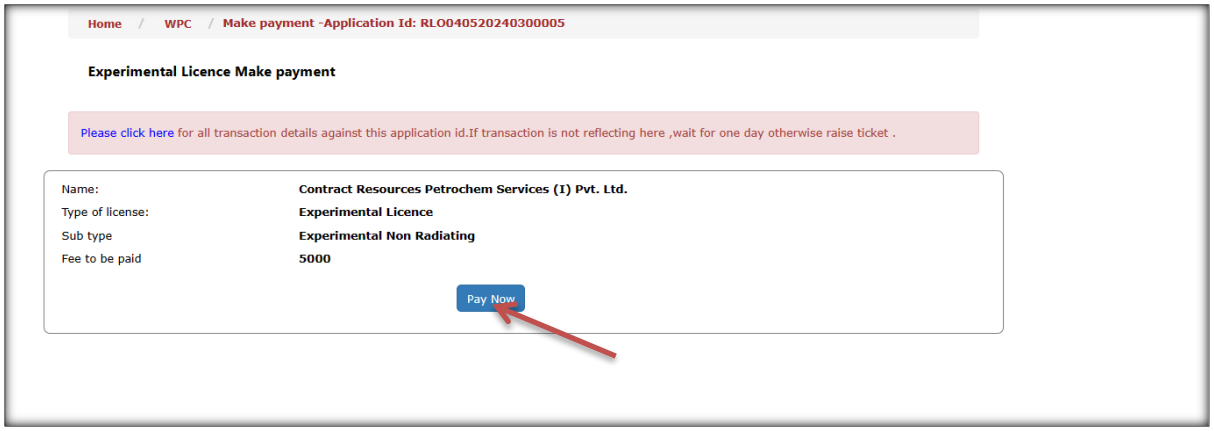
After filling up all details, click on save draft button. Then validate application, once application is validated "Preview Application Form" and "Submit" buttons will be enabled. Check the application pdf by clicking on "Preview Application Form" button. If all are correct, click on "Submit" button to submit the application. Once application is successfully submitted, the payment option will come and you will not be able to modify the application form.

2.4 Online Payment

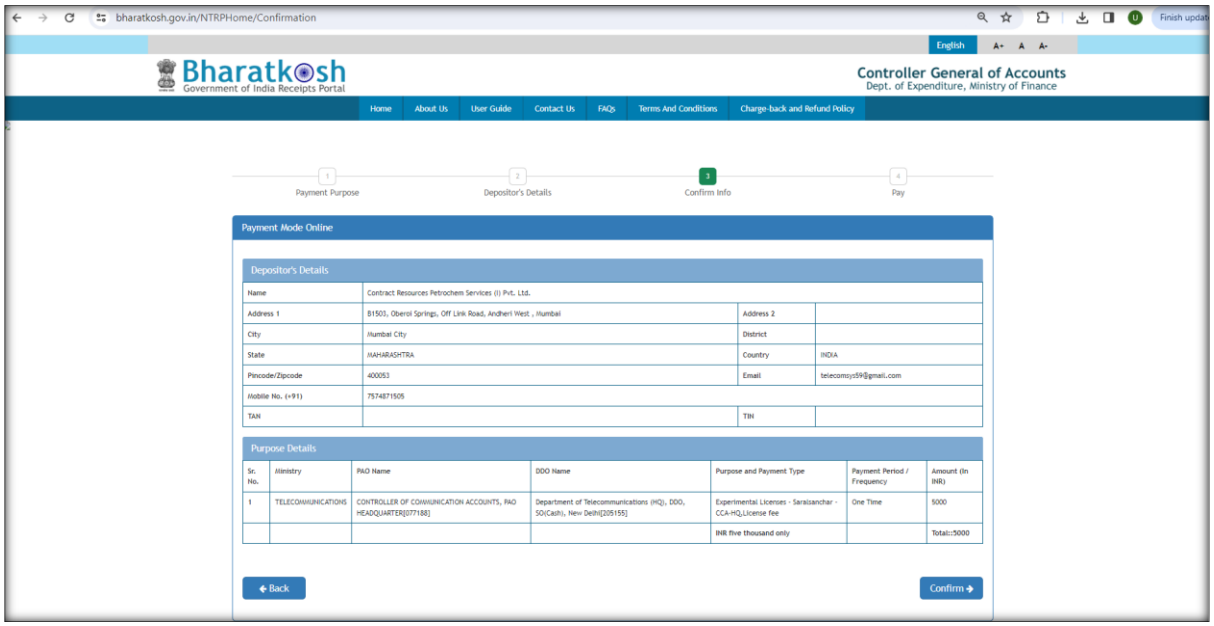
After submitting the application ,payment option will be available as shown in the below image.



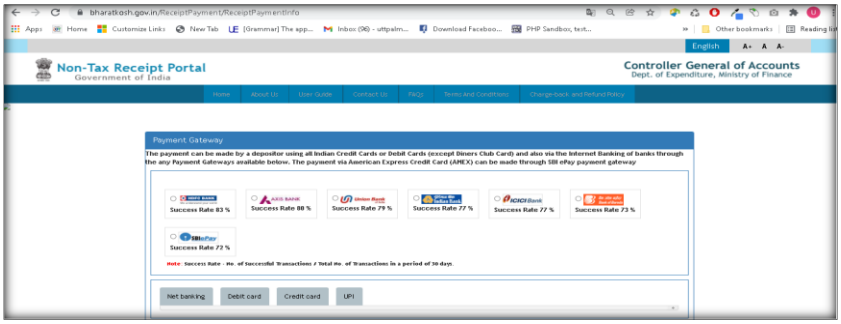
Click on "Make Payment" following payment link page will come.

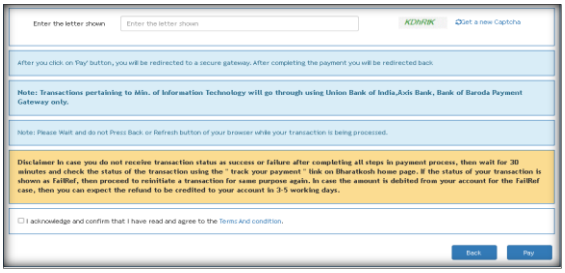


On click of "Pay Now" button, you will be directed to the Saralsanchar integrated Bharatkosh portal.



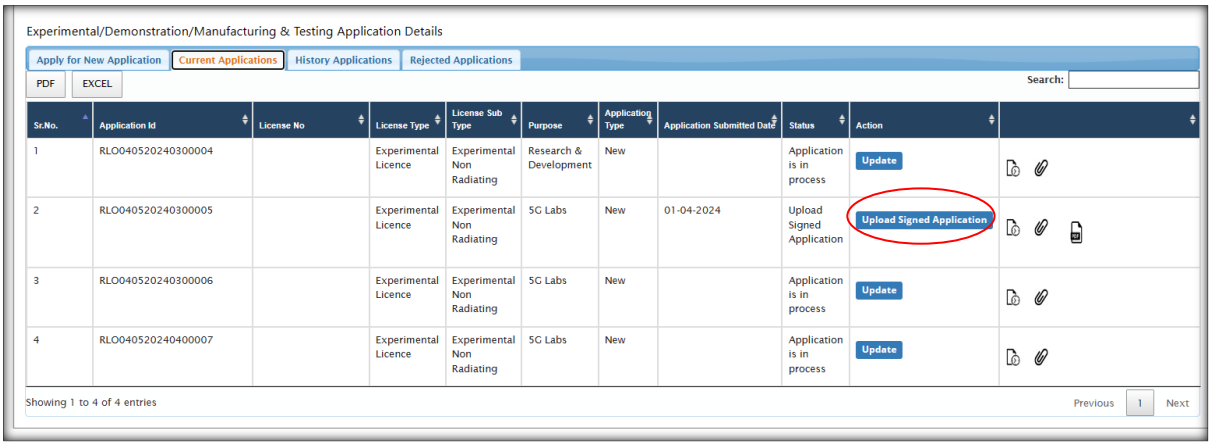
Click on Confirm button , following page will come for payment mode



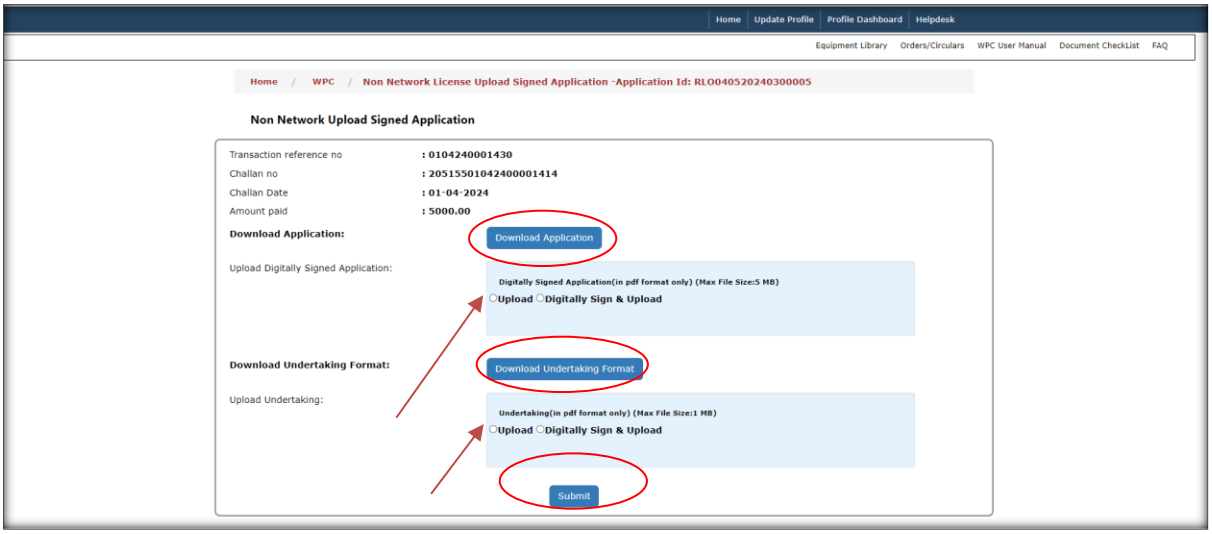


Click pay button to get redirected to enter details of Credit card/bank details. On completion of successful payment, you will be redirected to Saralsanchar portal with the transaction ref no , challan number.
After payment application upload signed application will be available.

2.5 Upload Signed Application



Click on Upload Signed Application, following form will open.

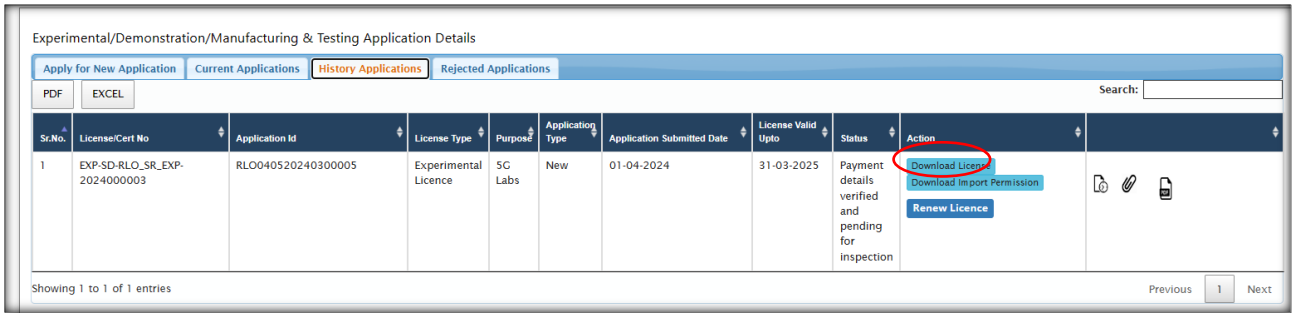


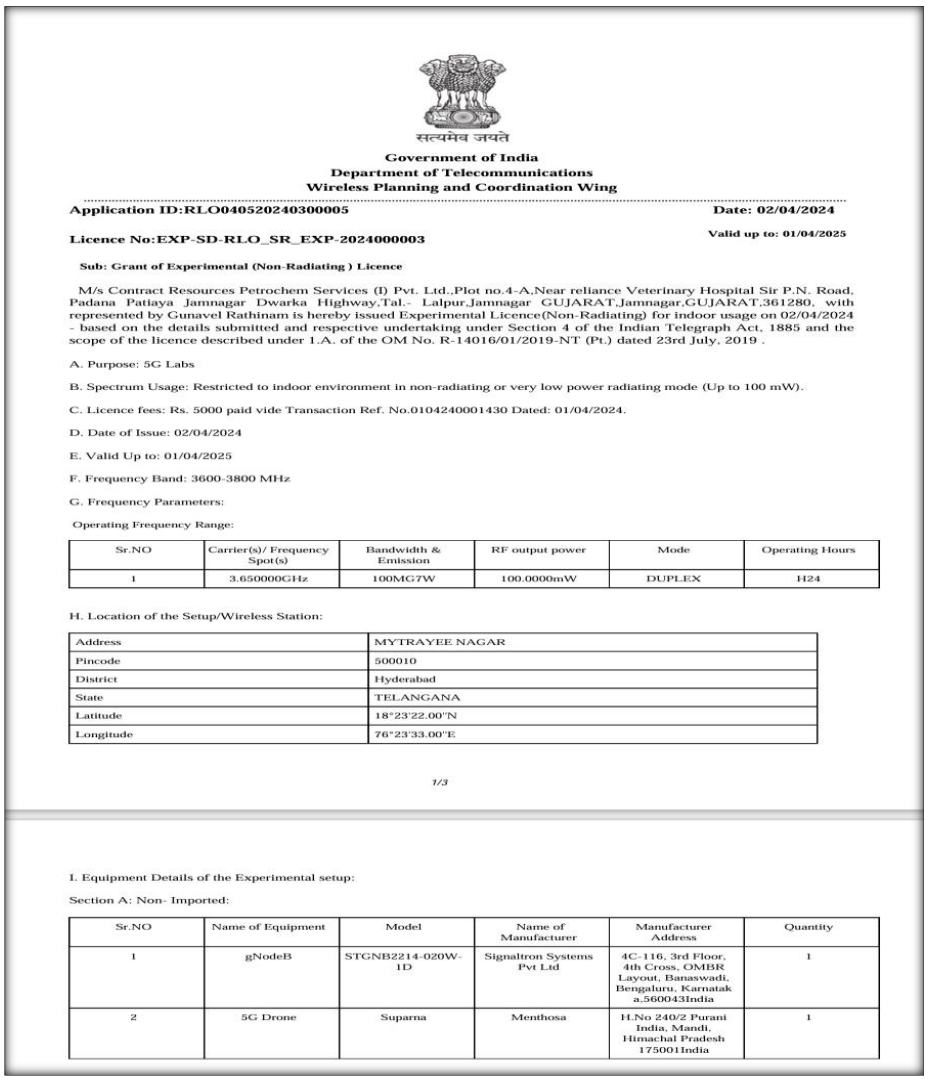
Click on "Download Application", Application pdf will be downloaded. Signed this application pdf and upload. Download Undertaking format and upload digitally signed undertaking pdf file.

After uploaded these two files, click on "Submit" button application will be submitted and License will be issued.

2.6 Download License

You can download the License from your dashboard by clicking the **Download License** button which is shown below.





सत्यमेव जयते

Government of India
Department of Telecommunications
Wireless Planning and Coordination Wing

Application ID:RLO040520240300005 **Date: 02/04/2024**

Licence No:EXP-SD-RLO_SR_EXP-2024000003 **Valid up to: 01/04/2025**

Sub: Grant of Experimental (Non-Radiating) Licence

M/s Contract Resources Petrochem Services (I) Pvt. Ltd.,Plot no.4-A,Near reliance Veterinary Hospital Sir P.N. Road, Padana Patiaya Jamnagar Dwarka Highway,Tal.- Lalpur,Jamnagar GUJARAT,Jamnagar,GUJARAT,361280, with represented by Gunavel Rathinam is hereby issued Experimental Licence(Non-Radiating) for indoor usage on 02/04/2024 - based on the details submitted and respective undertaking under Section 4 of the Indian Telegraph Act, 1885 and the scope of the licence described under 1.A. of the OM No. R-14016/01/2019-NT (Pt.) dated 23rd July, 2019 .

A. Purpose: 5G Labs

B. Spectrum Usage: Restricted to indoor environment in non-radiating or very low power radiating mode (Up to 100 mW).

C. Licence fees: Rs. 5000 paid vide Transaction Ref. No.0104240001430 Dated: 01/04/2024.

D. Date of Issue: 02/04/2024

E. Valid Up to: 01/04/2025

F. Frequency Band: 3600-3800 MHz

G. Frequency Parameters:

Operating Frequency Range:

Sr.NO	Carrier(s)/ Frequency Spot(s)	Bandwidth & Emission	RF output power	Mode	Operating Hours
1	3.650000GHz	100MG7W	100.0000mW	DUPLEX	H24

H. Location of the Setup/Wireless Station:

Address	MYTRAYEE NAGAR
Pincode	500010
District	Hyderabad
State	TELANGANA
Latitude	18°23'22.00"N
Longitude	76°23'33.00"E

1/3

I. Equipment Details of the Experimental setup:

Section A: Non- Imported:

Sr.NO	Name of Equipment	Model	Name of Manufacturer	Manufacturer Address	Quantity
1	gNodeB	STGNB2214-020W-1D	Signaltron Systems Pvt Ltd	4C-116, 3rd Floor, 4th Cross, OMBR Layout, Banaswadi, Bengaluru, Karnataka,560043India	1
2	5G Drone	Suparna	Menthosa	H.No 240/2 Purani India, Mandi, Himachal Pradesh 175001India	1