USER TRAINING MANUAL

FOR

DATA MANAGEMENT SYSTEM OF AICRPS PLANT BREEDING

Directorate of Soybean Research,

Khandwa Road, Indore-452001 (M.P)

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Director,
ICAR-Directorate of Soybean Research, Khandwa Road, Indore 452001
Phone:0731-2476188 (O)
Fax: 0731-2470520
Email: dsrdirector@gmail.com
Website: http://www.dsrindore.org

Compiled and Edited by
Dr. Savita Kolhe, Senior Scientist (Computer Applications)
Dr. Anita Rani, Principal Scientist (Plant Breeding)
Dr. S. M. Husain, Principal Scientist (Plant Breeding)

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MAKING THE MASTER TABLES READY

Before the data entry, the AICRPS Plant breeding In-charge should make following master tables ready as per the technical program:-

1. Zone Master Table
2. Trial Master Table
3. Character Master Table
4. Location Master Table
5. Varieties Master Table

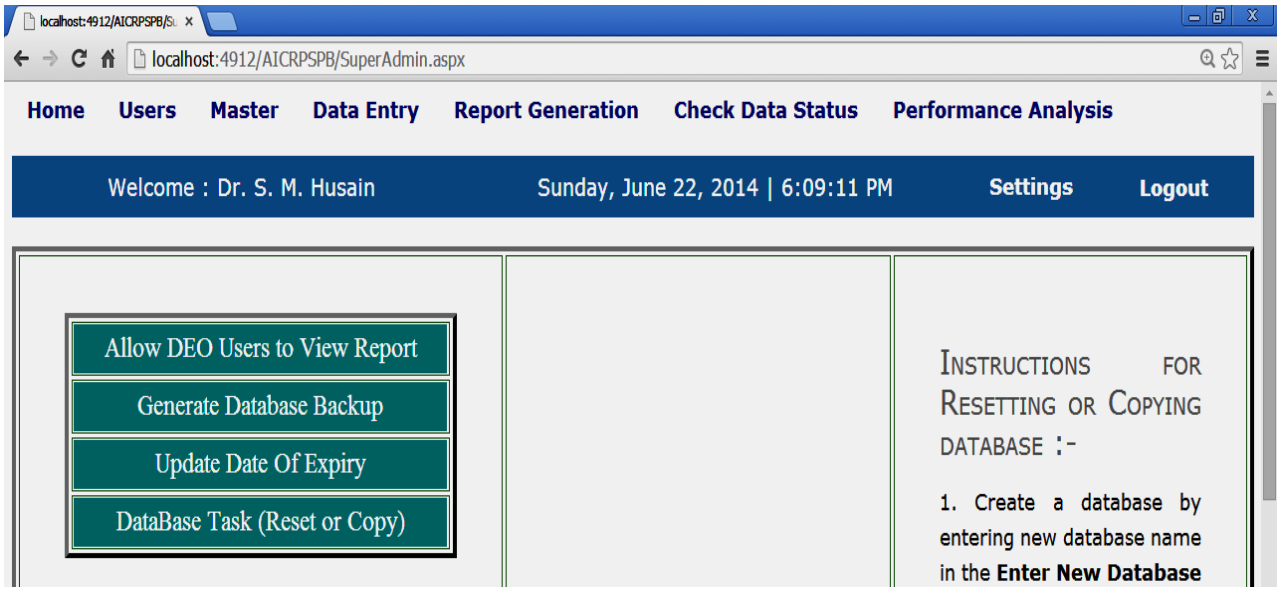


Fig. 1 MAIN MENU PAGE

Initially AICRPS in-charge should delete all varieties of previous year by clicking “Reset” button in the Master. After that he should start creating the Master Tables as per the technical program of current year.

Chapter1

Steps to make Master Tables ready

1.1 Getting Zone Master Table ready

1.1.1 Steps for Adding Zones:-

1. Click Master option in the "MAIN-MENU PAGE" as show above in Fig.1.
2. Select Zone to open "ZONE INFORMATION FORM" as shown below in Fig.2.

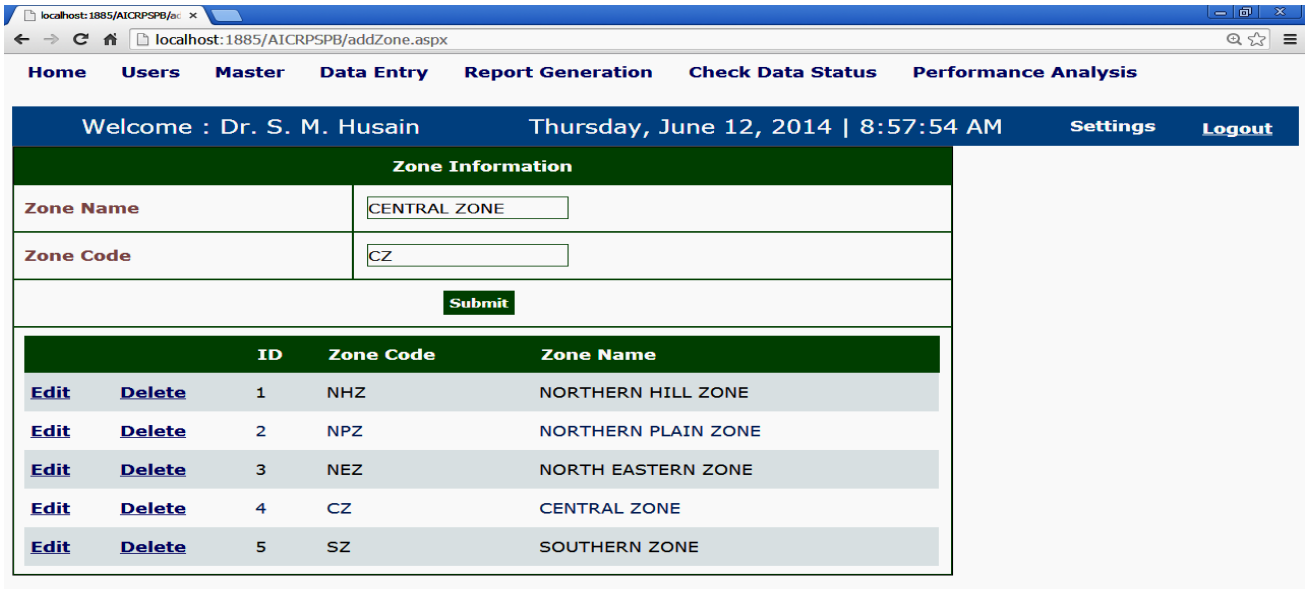


Fig.2 ZONE INFORMATION FORM

3. In the "ZONE INFORMATION FORM" in Fig.2, enter zone name and zone code in the text box.
4. Press Submit button to save.
5. Repeat steps 3 and 4 until all the zone names are shown in the list of "ZONE INFORMATION FORM" in Fig.2.

1.1.2 Steps for Editing/modifying Zones:-

1. Click Master option in the "MAIN MENU PAGE" as shown above in Fig.1.
2. Select Zone to open "ZONE INFORMATION FORM" as shown above in Fig.2.

3. Click Edit link in front of a zone name to be modified, from the entered zone list of "ZONE INFORMATION FORM" as shown above in Fig.2.
4. Do the required changes in the appropriate text boxes in Fig.2.
5. Press Submit button to save.

1.1.3 Steps for Deleting Zones:-

1. Click Master option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select Zone to open "ZONE INFORMATION FORM" as shown above in Fig.2
3. Click Delete link in front of the zone name to be deleted, from the entered zone list of "ZONE INFORMATION FORM" in Fig.2.
4. A conformation message will appear.
5. Press OK for final deletion.
6. The Zone Name will disappear from the zone list in Fig.2.

1.2 Getting Trial Master Table ready

1.2.1 Steps for Adding Trial:-

1. Click Master option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select Trial to open "TRIAL INFORMATION FORM" as shown below in Fig.3.

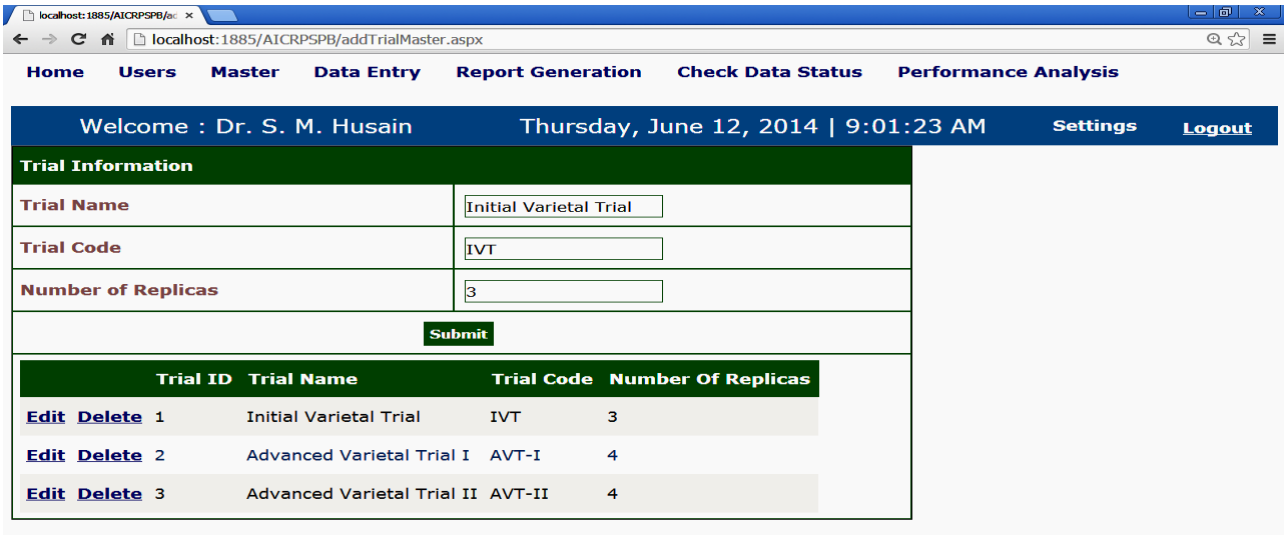
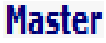


Fig.3 TRIAL INFORMATION FORM

3. In the “TRIAL INFORMATION FORM” in Fig.3, enter Trial Name, Trial Code and Number of Replicas in the text box.
4. Press

button to save.
5. Repeat steps 3 and 4 until all trial names are shown in the list of “TRIAL INFORMATION FORM” in Fig.3.

1.2.2 Steps for Editing/modifying Trial:-

1. Click 

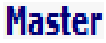
option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select

to open “TRIAL INFORMATION FORM” as shown above in Fig.3.
3. Click

link in front of the Trial-name to be modified, from the entered Trial-list of “TRIAL INFORMATION FORM” in Fig.3.
4. Do the required changes in the appropriate text boxes in Fig.3.
5. Press

button to save.

1.2.3 Steps for Deleting Trial:-

1. Click 

option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select

to open “TRIAL INFORMATION FORM” as shown above in Fig.3.
3. Click

link in front of the Trial-name to be deleted, from the entered Trial-list of “TRIAL INFORMATION FORM” as shown above in Fig.3.
4. A conformation message will appear.
5. Press

for final deletion.
6. The Trial-name will disappear from the Trial-list in Fig.3.

1.3 Getting Character Master Table ready

1.3.1 Steps for Adding Character:-

1. Click **Master** option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select **Character** to open "CHARACTER INFORMATION FORM" as shown below in Fig.4.

Fig.4 CHARACTER INFORMATION FORM

3. In the "CHARACTER INFORMATION FORM" shown above in Fig.4, enter Character Name in the text box.
4. Press **Submit** button to save.
5. Repeat steps 3 and 4 until all characters are shown in the list of "CHARACTER INFORMATION FORM" in Fig.4.

1.3.2 Steps for Editing/modifying Character:-

1. Click **Master** option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select **Character** to open "CHARACTER INFORMATION FORM" as shown above in Fig.4.
3. Click **Edit** link in front of the Character-name to be modified, from the entered Character-list of "CHARACTER INFORMATION FORM" as shown above in Fig.4.

4. Do the required changes in the appropriate text boxes in Fig.4.
5. Press Submit button to save.

1.3.3 Steps for Deleting Character:-

1. Click Master option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select Character to open "CHARACTER INFORMATION FORM" as shown above in Fig.4.
3. Click Delete link in front of the Character-name to be deleted, from the entered Character-list of "CHARACTER INFORMATION FORM" as shown above in Fig.4.
4. A conformation message will appear.
5. Press OK for final deletion.
6. The Character-name will disappear from the Character-list in Fig.4.

1.4 Getting Location Master Table ready

1.4.1 Steps for Adding Location:-

1. Click Master option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select Location to open "LOCATION INFORMATION FORM" as shown below in Fig.5.

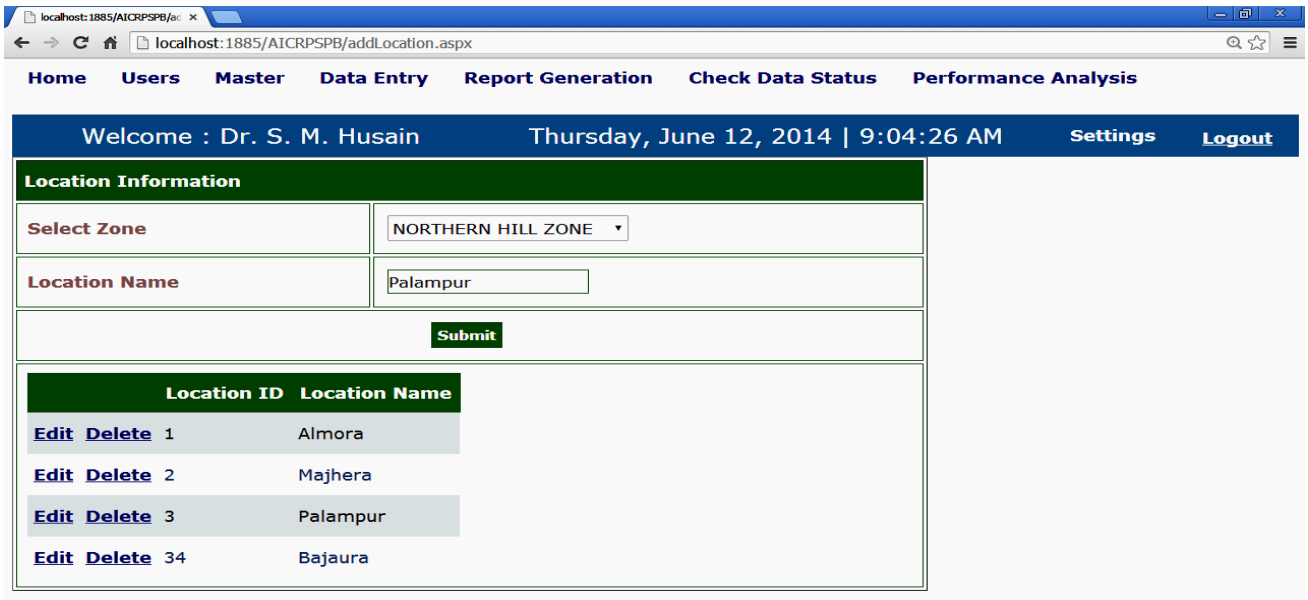


Fig.5 LOCATION INFORMATION FORM

3. In the "LOCATION INFORMATION FORM" shown above in Fig.5, select zone for which location is to be added.

4. Then enter Location Name in the text box.
5. Press Submit button to save.
6. Repeat steps 3, 4 and 5 until all the Locations are shown in the list of “LOCATION INFORMATION FORM” in Fig.5.

1.4.2 Steps for Editing/modifying Location:-

1. Click Master option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select Location to open “LOCATION INFORMATION FORM” as shown above in Fig.5.
3. Click Edit link in front of the Location-name to be modified, from the entered Location-list of “LOCATION INFORMATION FORM” as shown above in Fig.5.
4. Do the required changes in the appropriate text boxes in Fig.5.
5. Press Submit button to save.

1.4.3 Steps for Deleting Location:-

1. Click Master option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select Location to open “LOCATION INFORMATION FORM” as shown above in Fig.5.
3. Click Delete link in front of the Location-name to be deleted, from the entered Location-list of “LOCATION INFORMATION FORM” as shown above in Fig.5.
4. A conformation message will appear.
5. Press OK for final deletion.
6. The Location name will disappear from the Location-list in Fig.5.

1.5 Getting Variety Master Table ready

1.5.1 Steps for Adding Main Variety Information:-

1. Click **Master** option in the "MAIN-MENU PAGE" as shown above in Fig.1.
2. Select **Variety** to open "VARIETY INFORMATION FORM" as shown below in Fig.6.

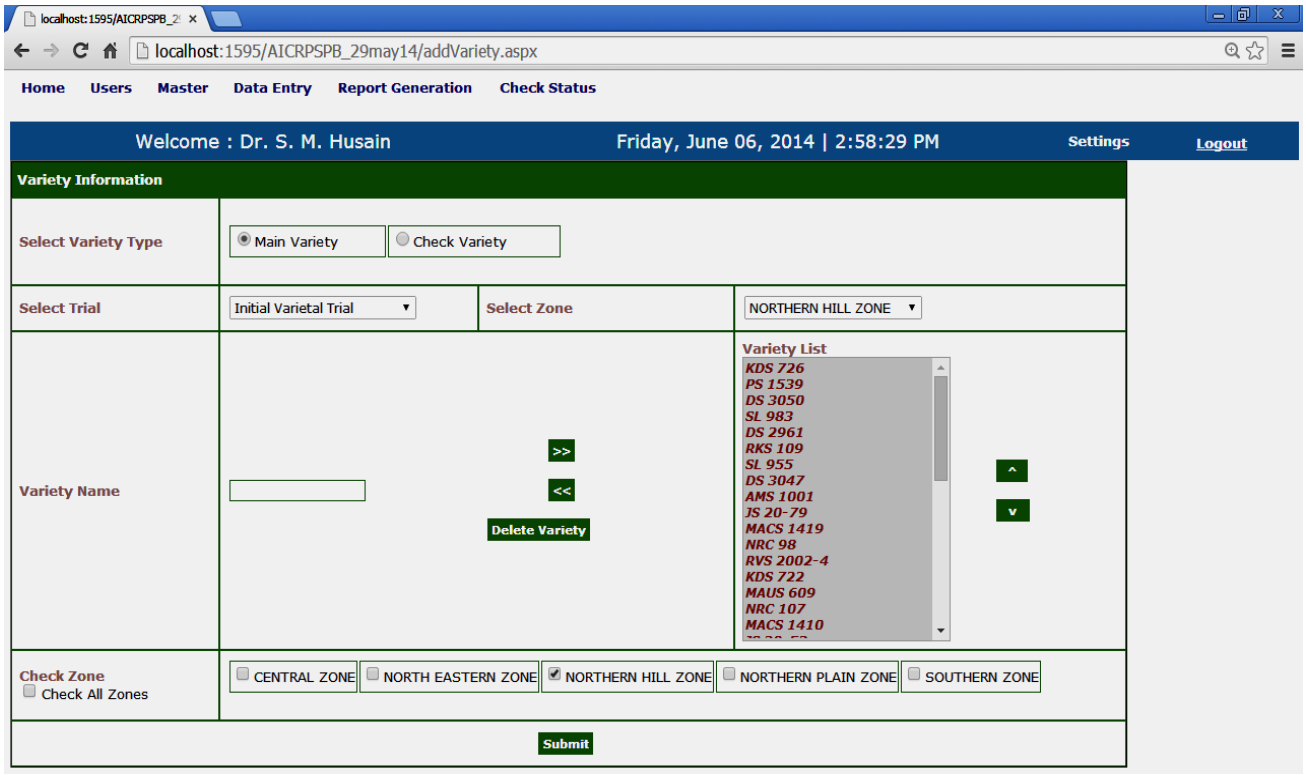


Fig.6 VARIETY INFORMATION FORM (Main Variety)

3. Select "Variety Type" as "Main Variety".
4. Then select Trial and Zone from the trial and zone-list.
5. Enter Variety Name in the text box.
6. Click **>>** button to add Variety-name in the Variety-list.
7. Repeat steps 5 and 6 until all the main varieties are displayed in the Variety list of "VARIETY INFORMATION FORM" as shown above in Fig.6.
8. For Initial Varietal Trial click "Check All Zones" check-box.

9. Press Submit button to save.

1.5.2 Steps for Editing/modifying Main Varieties Name:-

1. Click Master option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select Variety option to open “VARIETY INFORMATION FORM” as shown above in Fig.6.
3. Select Variety Type as Main Variety.
4. Then select Trial and Zone from the trial and zone list.
5. Select the Main Variety from the Variety-list which is to be modified.
6. Click << arrow to get the Variety-name into the text box.
7. Do the changes in the Variety Name text box.
8. Click >> arrow to get modified variety into the variety list in Fig.6.
9. Press Submit button to save.
10. User can follow steps 5 to 9 for editing further check varieties.

1.5.3 Steps for Deleting Main Varieties:-

1. Click Master option in the “MAIN-MENU PAGE” as shown above in Fig.6.
2. Select Variety option to open “VARIETY INFORMATION FORM” as shown above in Fig.6.
3. Select Variety Type as Main Variety.
4. Select the Variety from the Variety-list.
5. Click << arrow to get the variety into the text box
6. Click Delete Variety button to delete the variety from variety list.
7. A conformation message will appear.
8. Press OK for final deletion.

9. Variety name will disappear from the variety list.

10. Press Submit button to save.

1.5.4 Steps for Adding Check Variety Information:-

1. Click Master option in the MAIN-MENU PAGE as shown above in Fig.1.

2. Select Variety to open "VARIETY INFORMATION FORM" as shown below in Fig.7.

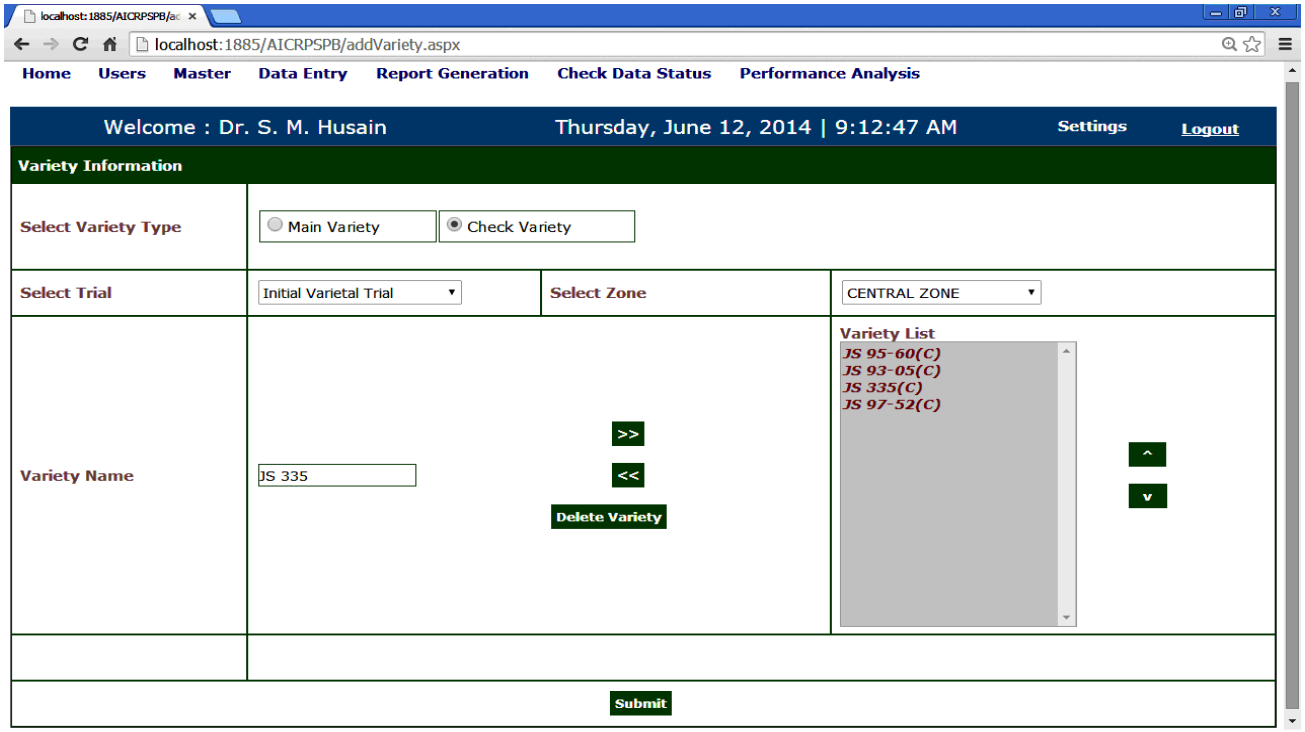


Fig.7 VARIETY INFORMATION FORM (Check Variety)

3. Select "Variety Type" as "Check Variety".

4. Then select Trial and Zone from the trial and zone-list.

5. Enter Variety Name in the text box.

6. Click >> button to add Variety-name in the Variety-list.

7. Repeat steps 12 and 13 until all the check varieties are displayed in the Variety-list of "VARIETY INFORMATION FORM" as shown above in Fig.7.

8. Press Submit button to save.

1.5.5 Steps for Editing/modifying Check Varieties Name:-

1. Click Master option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select Variety option to open “VARIETY INFORMATION FORM” as shown above in Fig.7.
3. Select “Variety Type” as “Check Variety”.
4. Then select Trial and Zone from the trial and zone list.
5. Select the check variety from the variety list which is to be modified.
6. Click << arrow to get the Variety-name into the text box.
7. Do the changes in the Variety Name text box.
8. Click >> arrow to get modified Variety into the Variety-list in Fig.7.
9. Press Submit button to save.
10. User can follow steps 5 to 9 for editing further check varieties.

1.5.6 Steps for Deleting Check Varieties:-

1. Click Master option in the “MAIN-MENU PAGE” as shown above in Fig.1.
2. Select Variety option to open “VARIETY INFORMATION FORM” as shown above in Fig.7.
3. Select Variety Type as Check Variety.
4. Select the Variety from the Variety-list.
5. Click << arrow to get the variety into the text box.
6. Click Delete Variety button to delete the Check variety from Variety-list.
7. A conformation message will appear.
8. Press OK for final deletion.
9. Variety-name will disappear from the variety list.

10. Press Submit button to save.

Chapter 2

USER GUIDELINES FOR DATA-ENTRY

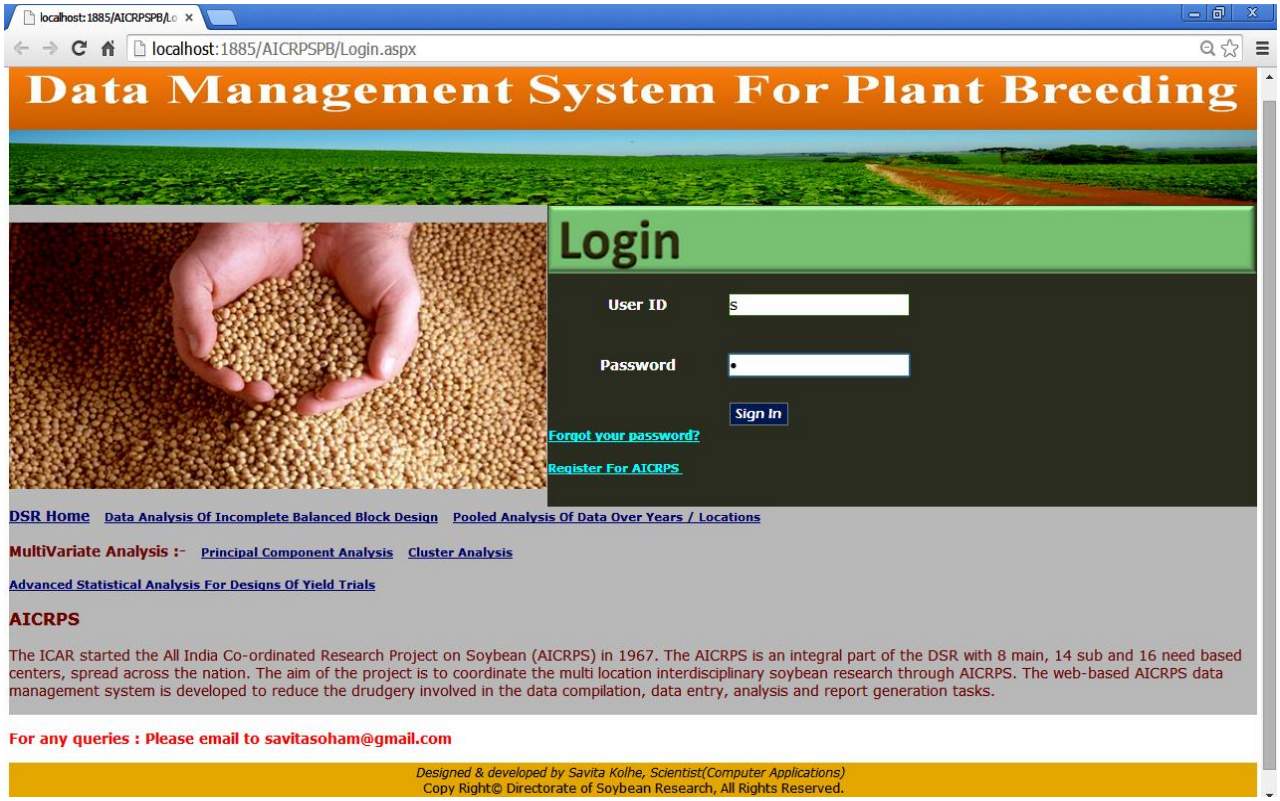


Fig. 8 LOGIN PAGE

2.1 Steps for New User Registration:-

1. Click New User? Click here to register For AICRPS link as shown above in LOGIN PAGE in fig.8, to register.

2. Following form of NEW USER REGISTRATION PAGE (step 1) will appear as shown below in Fig.9.

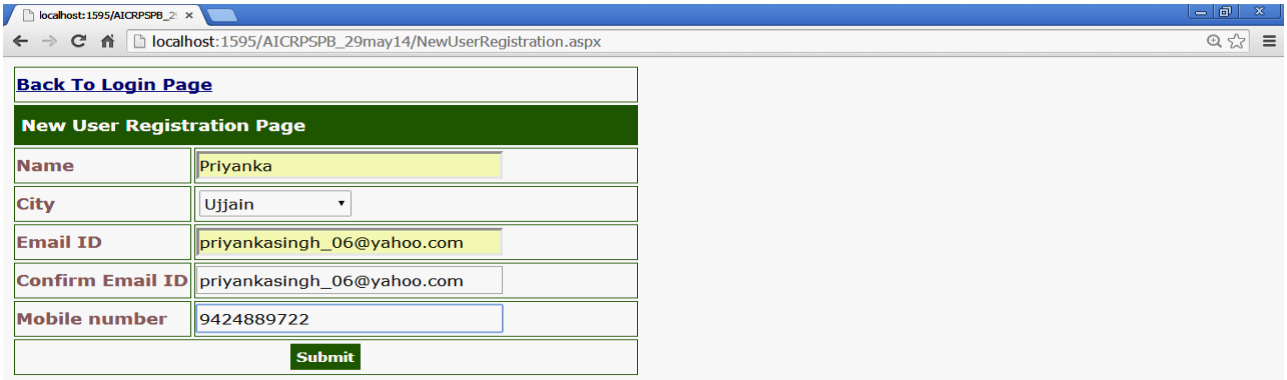


Fig.9 NEW USER REGISTRATION PAGE (step 1)

3. Fill all the required details in appropriate fields of "NEW USER REGISTRATION PAGE (step 1)" in Fig.9.

4. Press Submit button to save and complete registration step 1.

5. Step 2 Registration form will be displayed when the data entry user signs in for the first time for data entry.

2.2 Steps for Data-Entry:-

1. Sign in as AICRPS USER by selecting User Type as AICRPS and press Sign In in the "LOGIN PAGE" as shown above in Fig.8.

2. Click Data Entry option in the "MAIN MENU PAGE" in Fig.1.

3. Following form of "NEW USER REGISTRATION PAGE (step 2)" will appear as shown in Fig.10 for the first time.

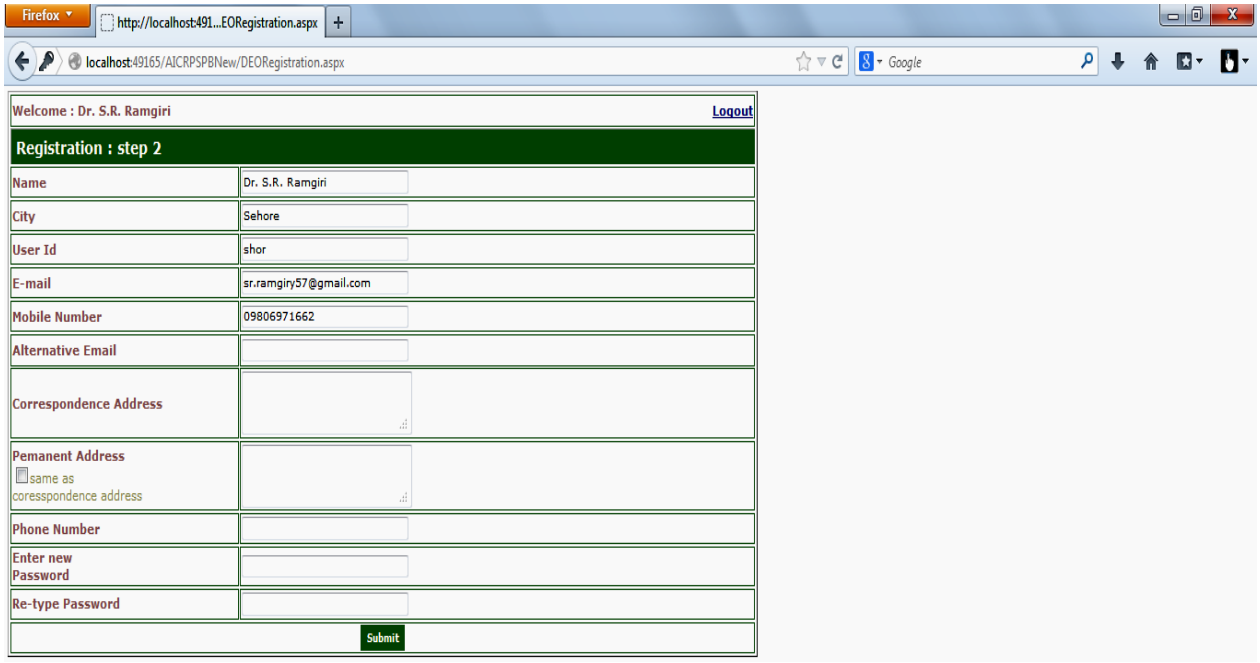


Fig.10 NEW USER REGISTRATION PAGE (step 2)

4. Fill all the required details in appropriate fields of the form in Fig.10.

5. Press Submit button to save and complete registration step 2.

6. After that Data Entry form will appear as shown below in Fig.11.

2.3 Main Data:-

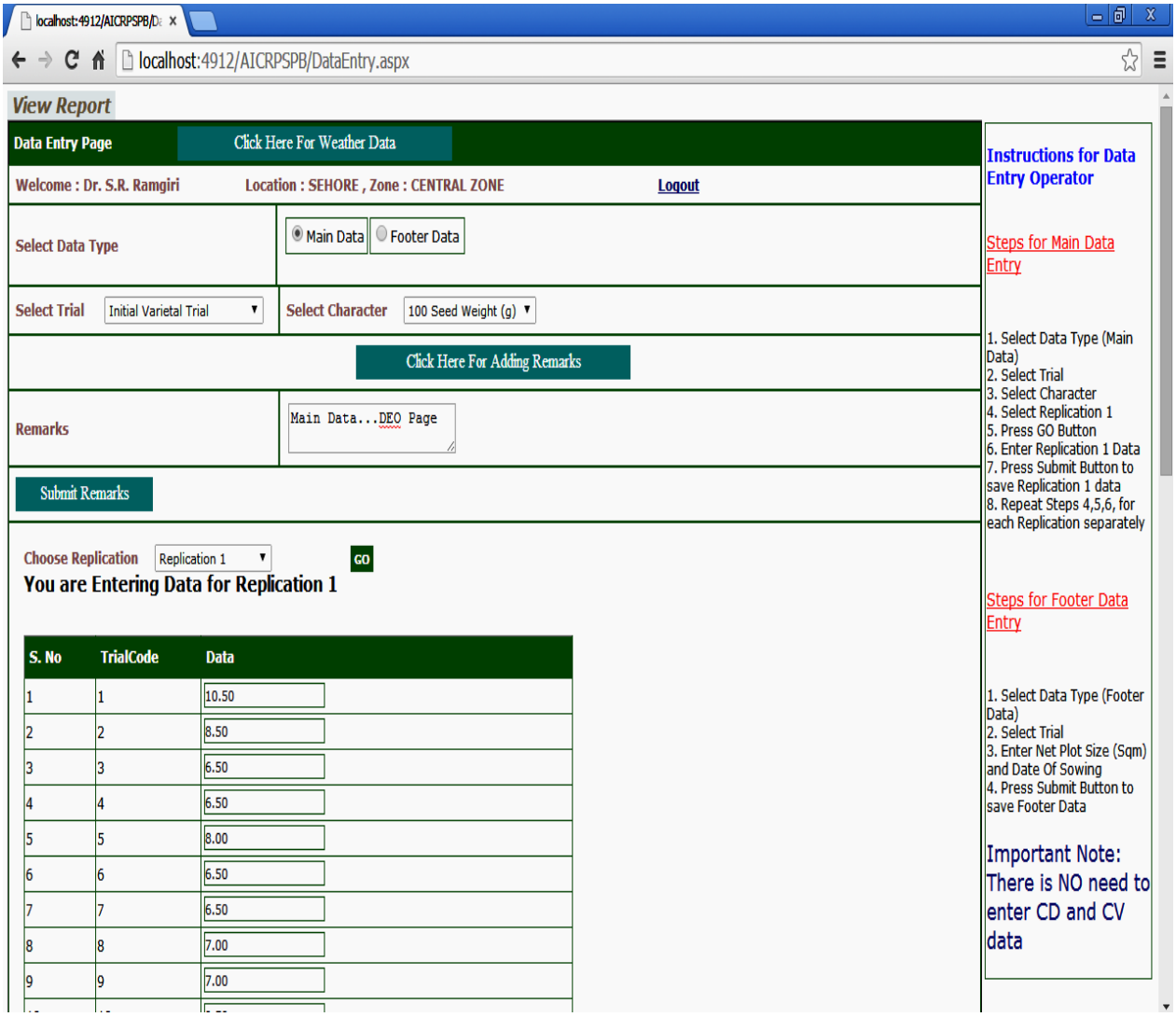


Fig. 11 DATA ENTRY PAGE (Main Data)

7. Select Data Type as Main Data.
8. Select appropriate “Trial”, “Character” from each list.
9. Press Click Here For Adding Remarks button to add **Remarks**, if any.
10. Press Submit Remarks button to save the remark.
11. Select Replication and Press GO button.
12. Start Data Entry in the data column.
13. Press Submit button to save.

2.4 Footer Data:-

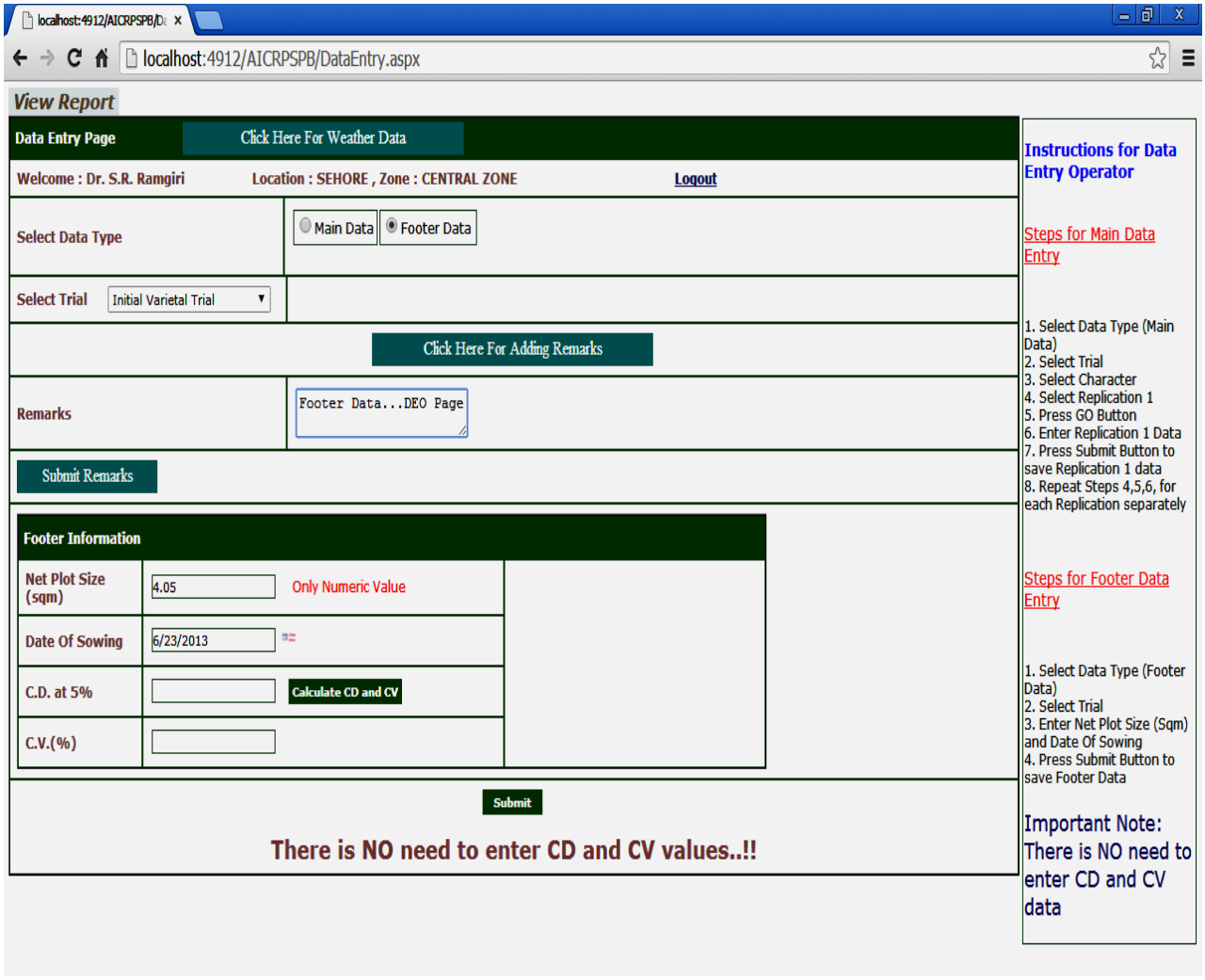


Fig. 12 DATA ENTRY PAGE (Footer Data)

14. Select Data Type as Footer Data.
15. Select appropriate "Trial" from Trial list.
16. Press Click Here For Adding Remarks button to add **Remarks**, if any.
17. Press Submit Remarks button to save the remark.
18. Enter Net Plot Size, Date of Showing in the appropriate textbox.
19. For CD and CV press Calculate CD and CV button (used by Admin).
20. Press Submit button to save.
21. Click Logout link for signing out.

Chapter 3

Steps for editing the existing data

3.1 Main Data:-

1. Click Data Entry option in the MAIN MENU PAGE in Fig.1.
2. Select appropriate “Trial”, “Character” from each list in Fig.11.
3. Select Replication and Press GO button.
4. Edit existing data in the data column.
5. Press Submit button to save.

3.2 Footer Data:-

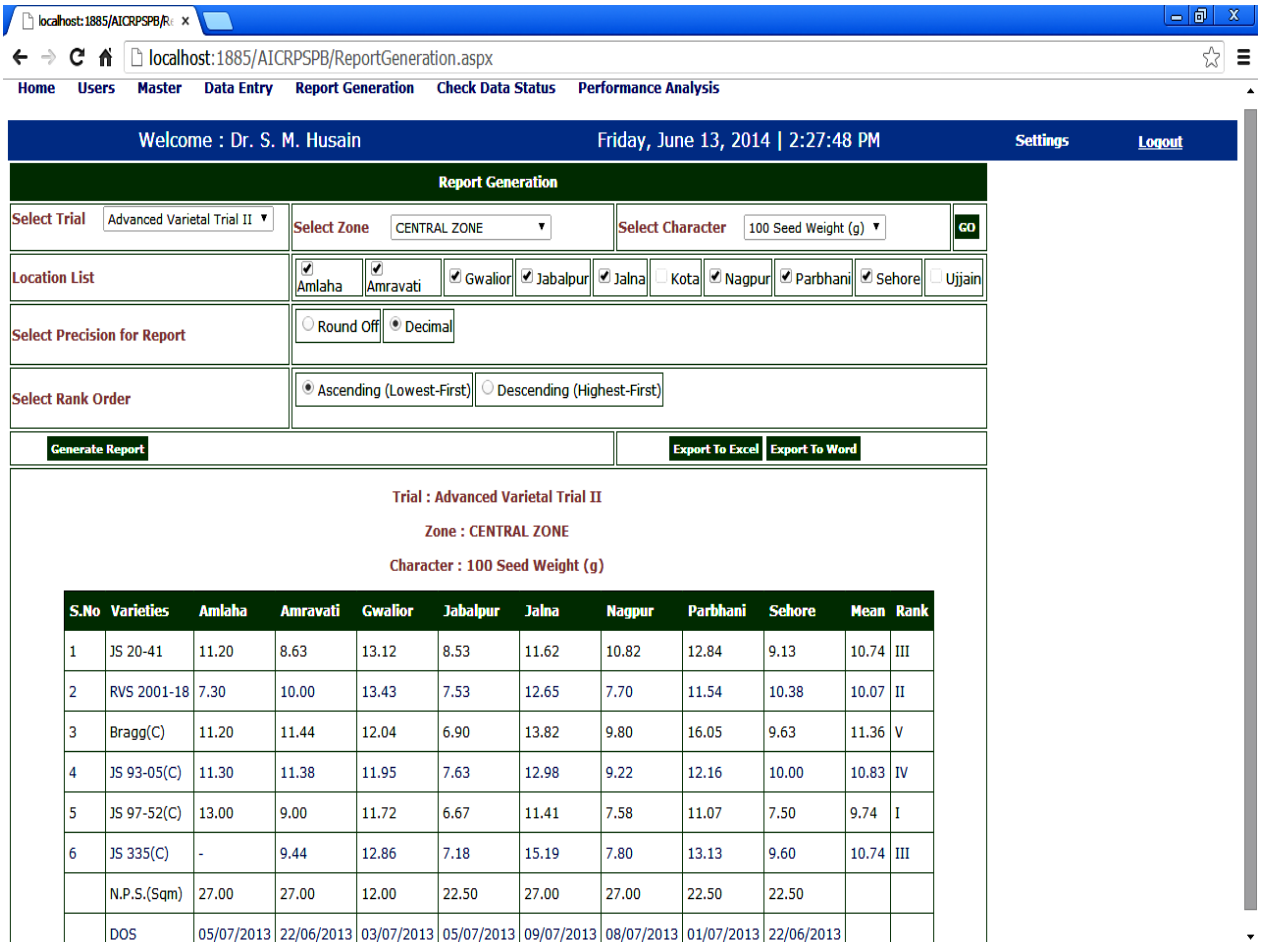
6. Select appropriate “Trial” from Trial list Fig.12.
7. Edit Net Plot Size, Date of Showing in the appropriate textbox.
8. Press Submit button to save.

Chapter 4

USER GUIDELINES FOR REPORT GENERATION

4.1 Steps for Summary Table Report Generation of AICRPS Plant Breeding:-

1. Report generation User should login as administrator using the LOGIN PAGE in Fig.8.
2. Click Report Generation option in the MAIN MENU PAGE in Fig.1.
3. Following "REPORT GENERATION" form will appear as shown below in Fig.13.



S.No	Varieties	Amlaha	Amravati	Gwalior	Jabalpur	Jalna	Nagpur	Parbhani	Sehore	Mean	Rank
1	JS 20-41	11.20	8.63	13.12	8.53	11.62	10.82	12.84	9.13	10.74	III
2	RVS 2001-18	7.30	10.00	13.43	7.53	12.65	7.70	11.54	10.38	10.07	II
3	Bragg(C)	11.20	11.44	12.04	6.90	13.82	9.80	16.05	9.63	11.36	V
4	JS 93-05(C)	11.30	11.38	11.95	7.63	12.98	9.22	12.16	10.00	10.83	IV
5	JS 97-52(C)	13.00	9.00	11.72	6.67	11.41	7.58	11.07	7.50	9.74	I
6	JS 335(C)	-	9.44	12.86	7.18	15.19	7.80	13.13	9.60	10.74	III
	N.P.S.(Sqm)	27.00	27.00	12.00	22.50	27.00	27.00	22.50	22.50		
	DOS	05/07/2013	22/06/2013	03/07/2013	05/07/2013	09/07/2013	08/07/2013	01/07/2013	22/06/2013		

Fig.13 REPORT GENERATION

4. Select appropriate "Trial", "Zone" and "Character" from each list.
5. Press GO button.
6. Software will automatically check the locations for which trial data is available.
7. Select Select Precision for Report using **Decimal** and **Round Off** radio buttons.
8. Select Rank Order either as **Ascending** or **Descending**.

9. Press Generate Report button.

10. Click on the Export To Excel button to save the report as Excel file which can be printed in the form of excel sheets, finally.

Chapter 5

USER GUIDELINES FOR AICRPS SYSTEM ADMISTRATOR

5.1 Steps for creating different users and giving appropriate authorization:-

1. Click AICRPS Data-Entry link at DSR INDORE HOME PAGE as shown below in Fig.14.

Fig.14 DSR INDORE HOME-PAGE

2. The LOGIN PAGE of Data Management for AICRPS will open as shown in Fig.8.

3. User should login as Administrator.

4. Click **Users** option in the Main Menu as shown below in Fig.15.

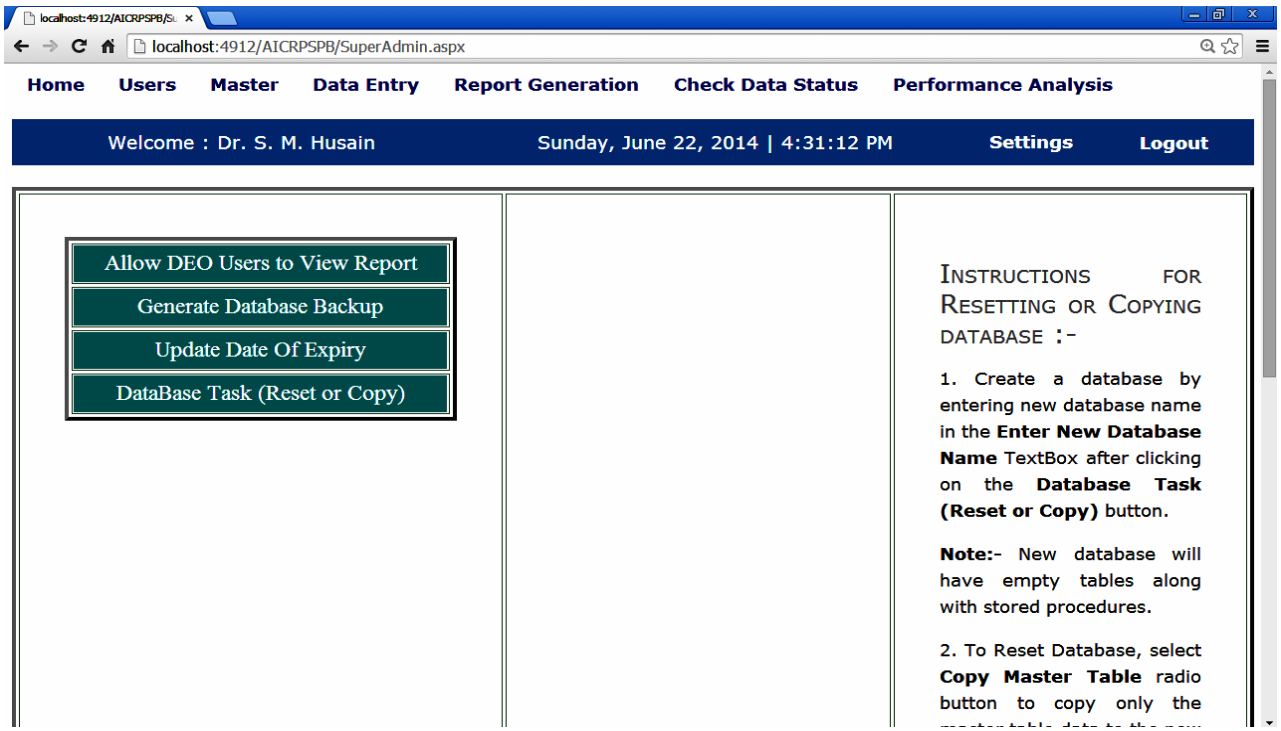


Fig.15

5. Click **Add New User** link as shown below in SHOW USERS FORM in Fig.16.

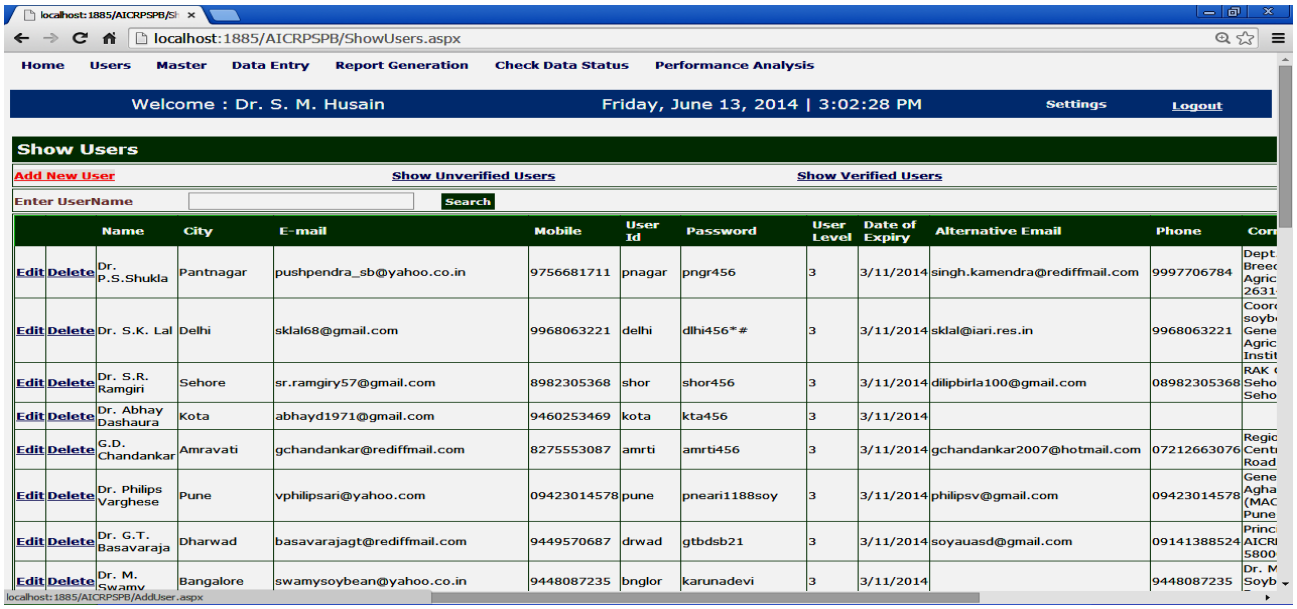


Fig.16 SHOW USERS FORM (Add New User)

6. Fill all the required details in the appropriate field of USER INFORMATION FORM (Add) as shown below in Fig.17.

7. Press Save button to save.

8. Press Send E-mail button to send User Id and Password to the user at the Email Id entered in the form.

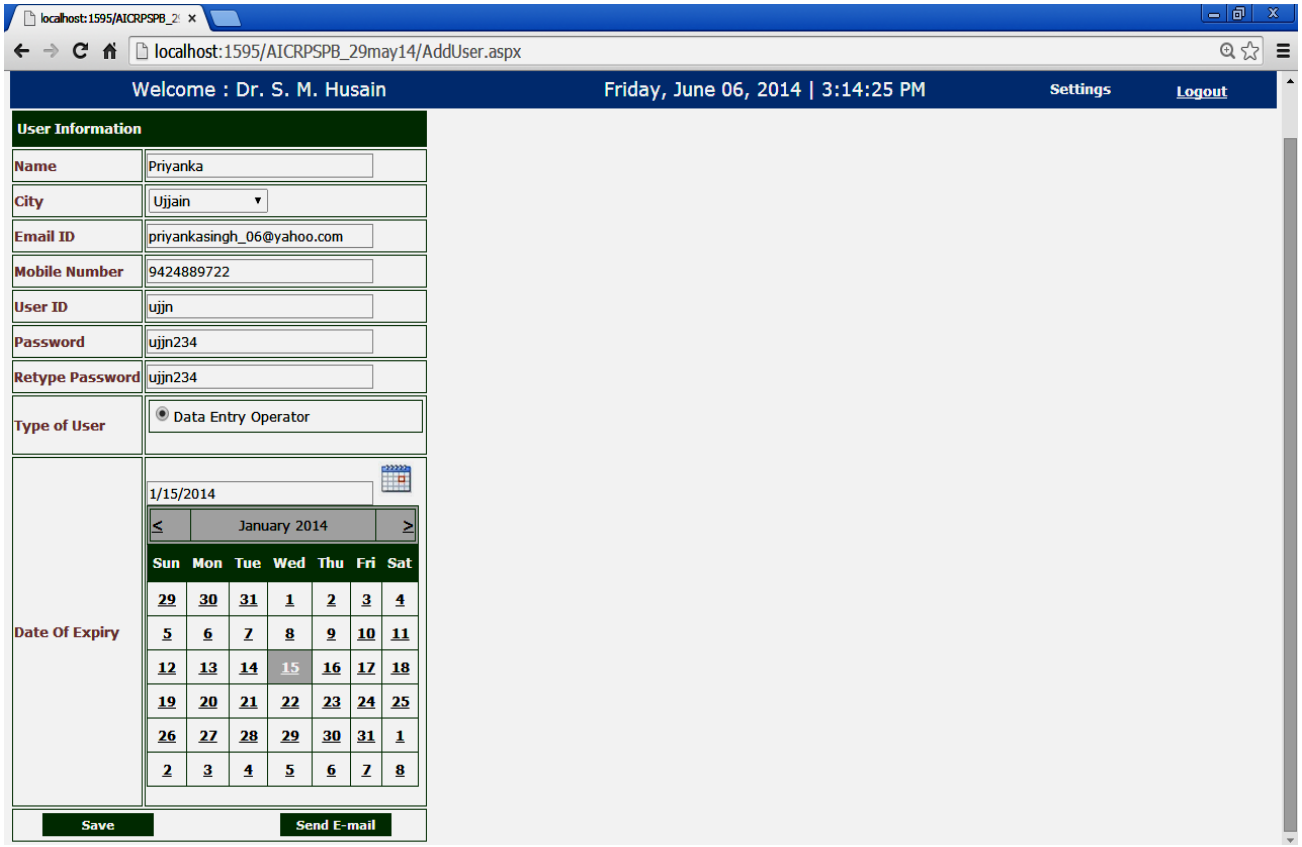


Fig.17 USER INFORMATION FORM (Add New User)

5.2 Steps for Editing/Modifying different users:-

1. Login as Administrator.

2. Click Users option in the Main Menu as shown in Fig.15.

3. For editing users click Edit link in front of the user to be edited as shown below in Fig.18.

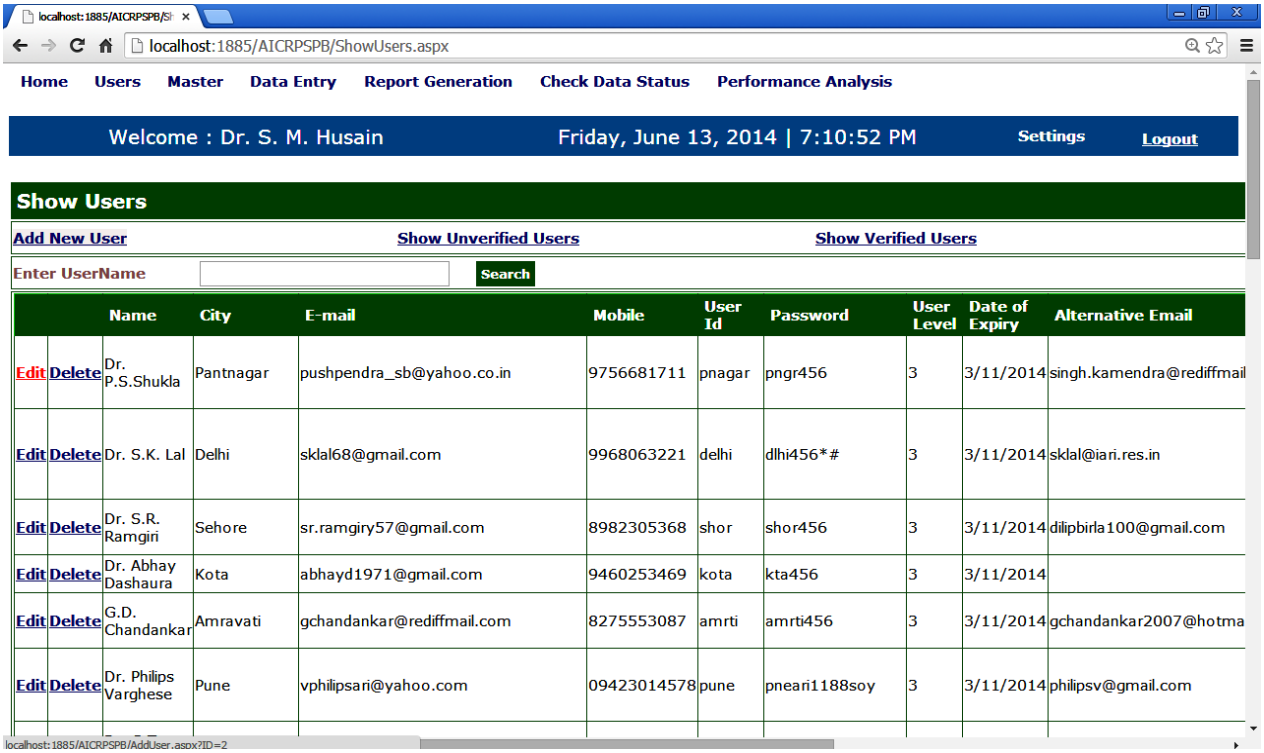


Fig.18 SHOW USERS FORM (Edit User)

4. Following "USER INFORMATION FORM (Edit)" as shown below in Fig.19 will open.

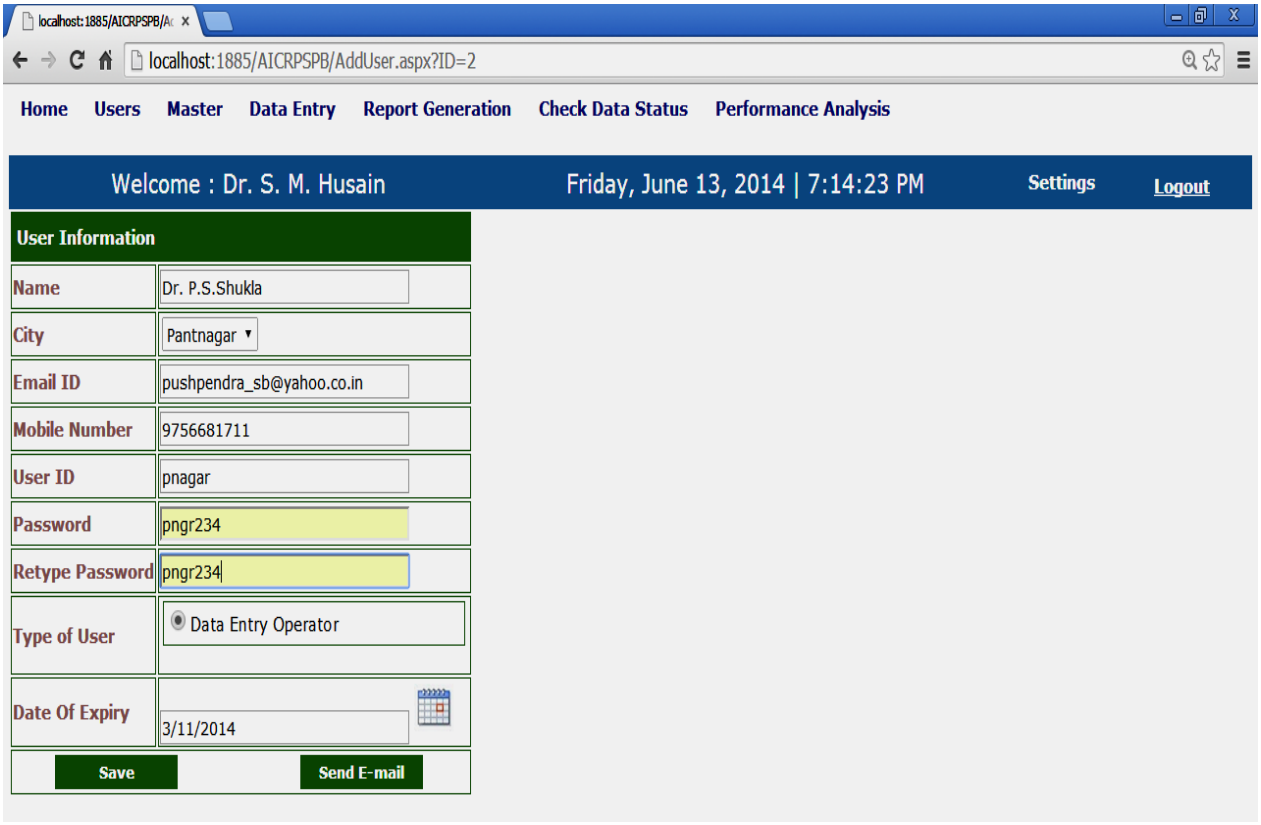


Fig.19 USER INFORMATION FORM (Edit)

5. Perform edit operation in the required field.

6. Click Save button to save.

7. Press Send E-mail button to send modified User Id and Password to the user at the Email Id entered in the form.

5.3 Steps for Deleting different users:-

1. Login as Administrator.

2. Click Users option in the Main Menu as shown in Fig.15.

3. For deleting users click Delete link in front of the user to be deleted as shown below in SHOW USERS FORM (Delete) in Fig.20.

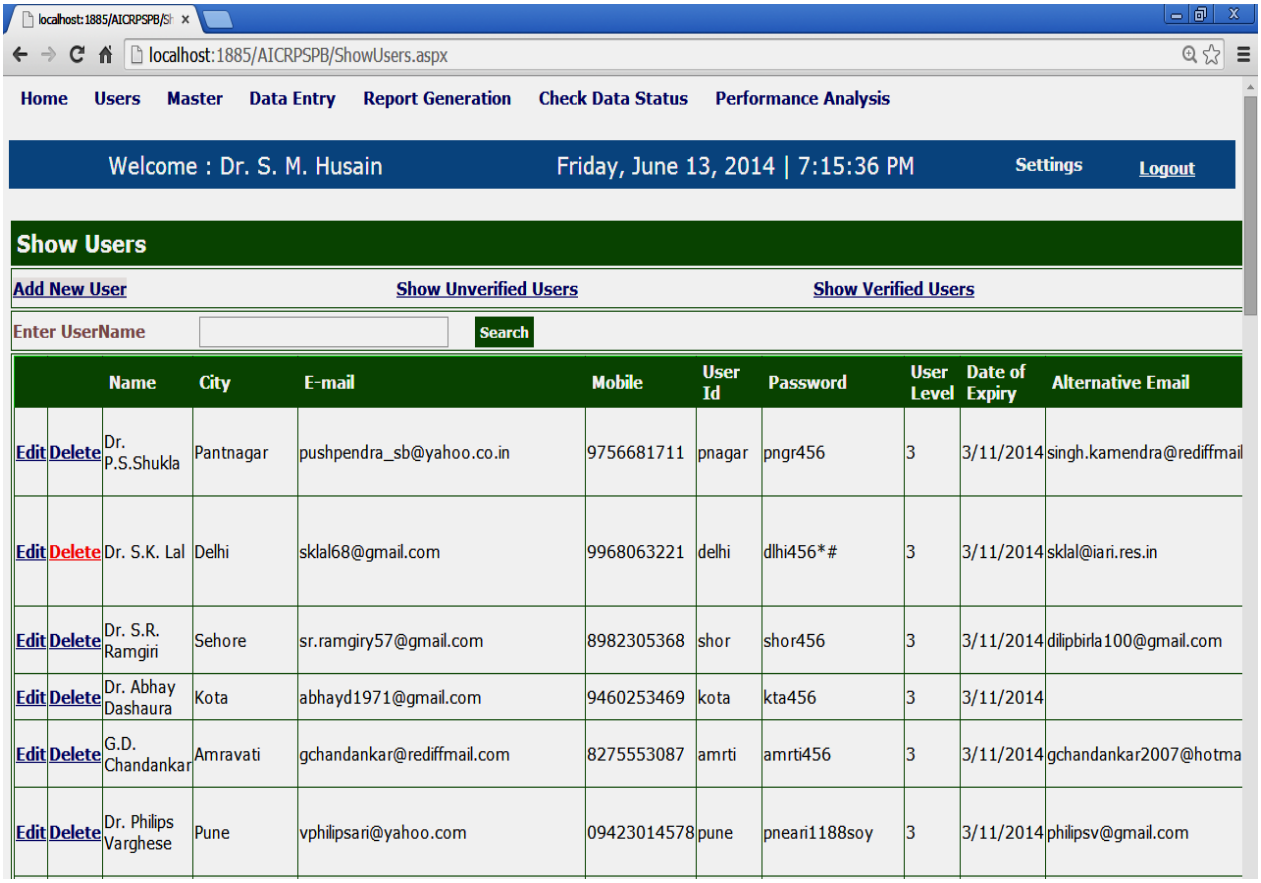


Fig.20 SHOW USERS FORM (Delete User)

4. Press OK button for final deletion as shown below in "SHOW USERS FORM (Delete Message)" in Fig.21.

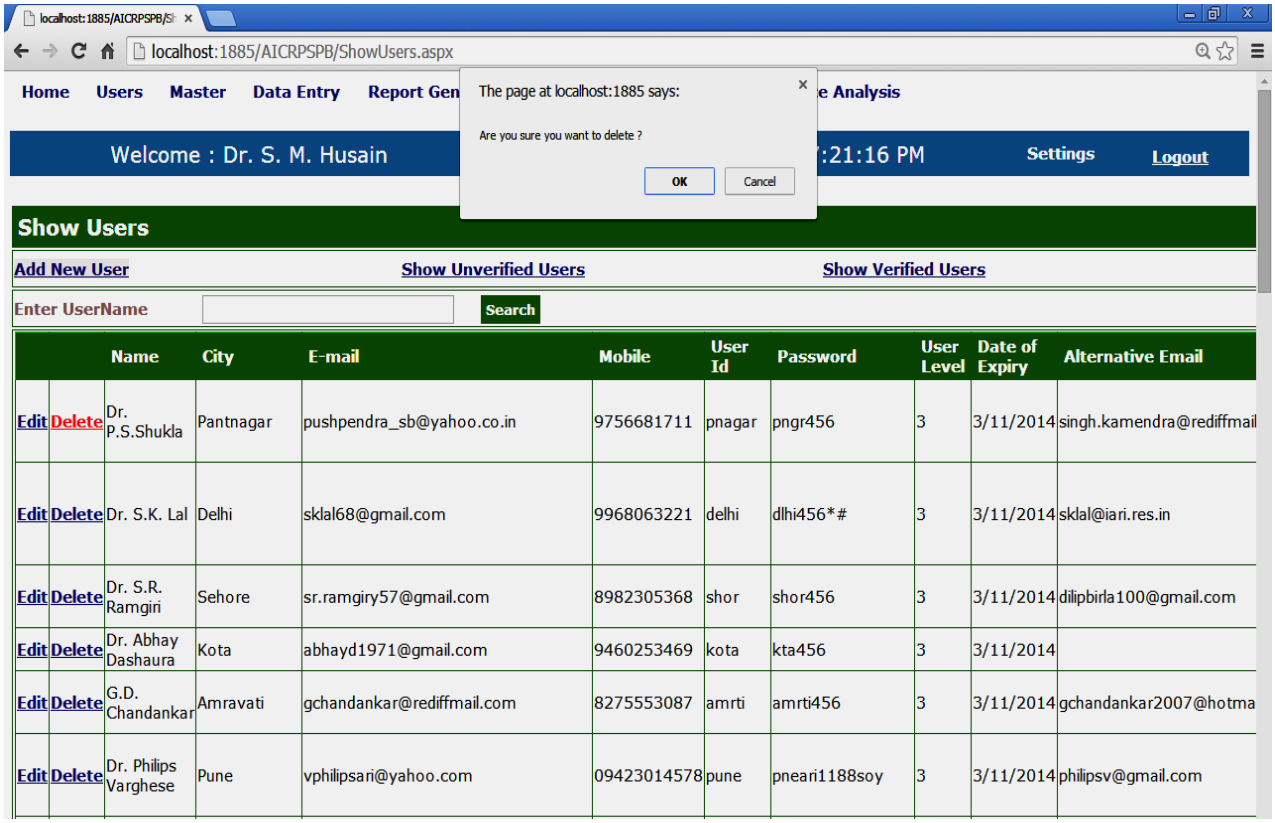


Fig.21 SHOW USERS FORM (Delete Message)

5.4 Steps for Searching a User (DEO):-

1. Enter the First name, Middle name or Last name of the user (DEO) in Enter UserName textbox who is to be searched in **SHOW USERS FORM** (Fig.20).

2. Press Search button to search the desires user as shown below in Fig. 22.

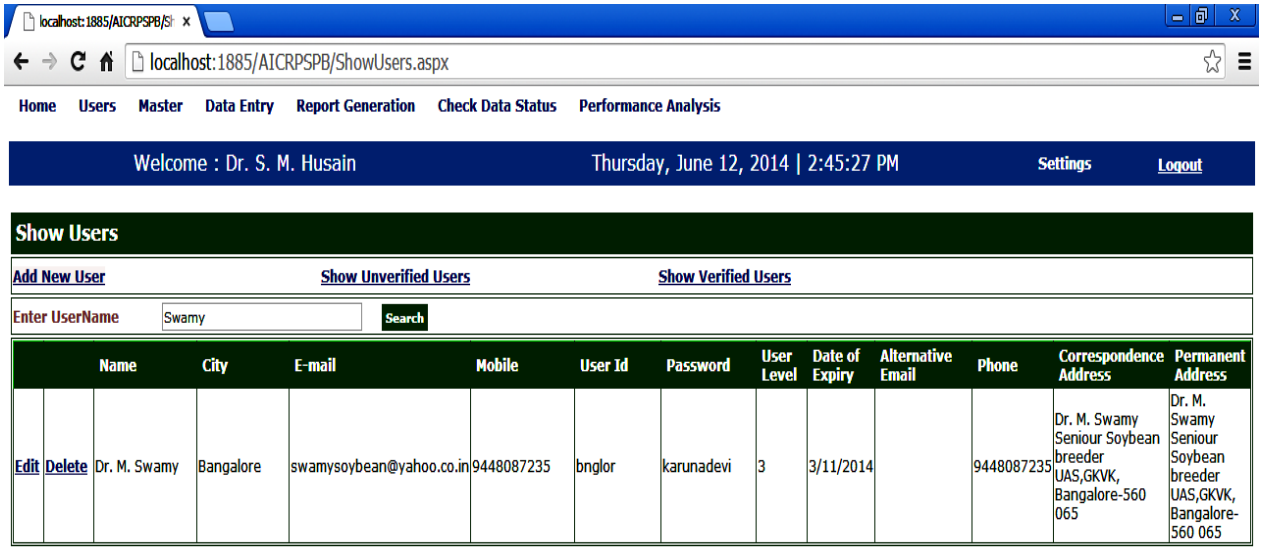


Fig.22 SHOW USERS FORM (Search User)

5.5 Steps for Checking Status of Users (DEOs):-

1. Login as AICRPS Administrator.

2. Click **Users** option in the Main Menu in Fig.15.

3. **SHOW USER FORM** will open as shown above in Fig.20.

4. Click **Show Unverified Users** link to view a list of users who have been allotted user id and password by the AICRPS Administrator but haven't started using the system and also not completed the Registration Step 2 as shown below in Fig. 23.

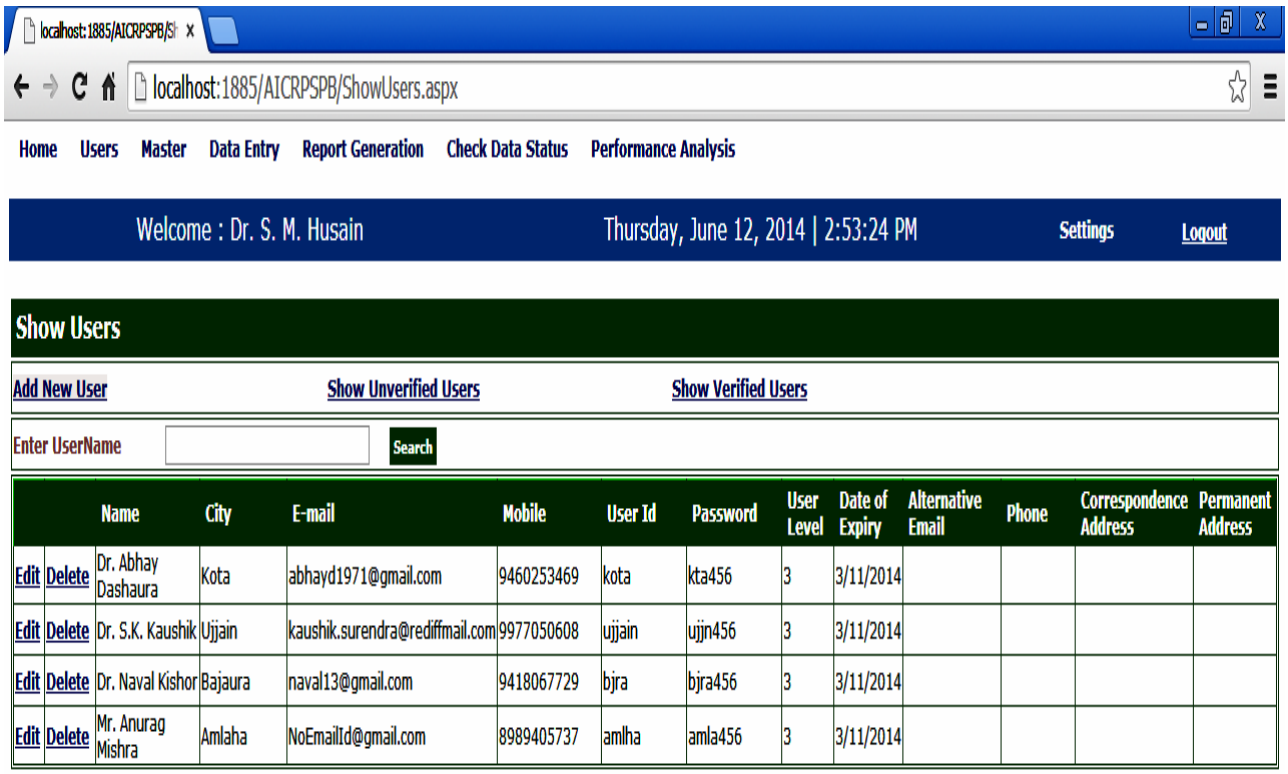


Fig.23 SHOW USERS FORM (Unverified Users)

5. Click **Show Verified Users** link to view a list of users who have been allotted user id and password by the AICRPS Administrator and have started using the system and also completed the Registration Step 2 as shown below in Fig. 24.

		Name	City	E-mail	Mobile	User Id	Password	User Level	Date of Expiry	Alternative Email	Phone	Correspon
Edit	Delete	Dr. P.S.Shukla	Pantnagar	pushpendra_sb@yahoo.co.in	9756681711	pnagar	pngr456	3	3/11/2014	singh.kamendra@rediffmail.com	9997706784	Dept. of Ge Breeding C Agriculture 263145
Edit	Delete	Dr. S.K. Lal	Delhi	sklal68@gmail.com	9968063221	delhi	dlhi456*#	3	3/11/2014	sklal@iari.res.in	9968063221	Coordinato soybean De Genetics Di Agricultural Institute, N
Edit	Delete	Dr. S.R. Ramgiri	Sehore	sr.ramgiry57@gmail.com	8982305368	shor	shor456	3	3/11/2014	dilipbirla100@gmail.com	08982305368	RAK College Sehore AIC Sehore
Edit	Delete	G.D. Chandankar	Amravati	gchandankar@rediffmail.com	8275553087	amrti	amrti456	3	3/11/2014	gchandankar2007@hotmail.com	07212663076	Regional Re Centre(Dr.F Road,Amrav
Edit	Delete	Dr. Philips Varghese	Pune	vphilipsari@yahoo.com	09423014578	pune	pneari1188soy	3	3/11/2014	philipsv@gmail.com	09423014578	Genetics De Agharkar R (MACS), G.(Pune-4110(
Edit	Delete	Dr. G.T. Basavaraja	Dharwad	basavarajagt@rediffmail.com	9449570687	drwad	gtbdsb21	3	3/11/2014	soyauasd@gmail.com	09141388524	Principal Sc AICRPS, UA 580005
Edit	Delete	Dr. M. Swamy	Bangalore	swamysoybean@yahoo.co.in	9448087235	bnglor	karunadevi	3	3/11/2014		9448087235	Dr. M. Swar Soybean br Bangalore-.
Edit	Delete	Dr. Jai Dev	Palampur	jaidevsharma@gmail.com	9418054450	plmpur	ppur456	3	3/11/2014	jdhp@rediffmail.com	9816012020	Dept. of Cr CSK HPKV, (HP)
Edit	Delete	Dr. Anuradha	Almora	anuradhagpb@gmail.com	9410560611	almra	321.soybeanvpkas	3	3/11/2014		05962241005	Type-IV qu No.6,Experi Farm,VPKA

Fig.24 SHOW USERS FORM (Verified Users)

5.6 Steps for Getting Database Backup:-

1. Sign in as “Aicrps Administrator” by entering login details and press Sign In button in the “LOGIN PAGE” as shown above in Fig.8.

2. Click Generate Database Backup button in the **MAIN MENU PAGE** in Fig.1.

3. “Backup File” will be downloaded in few seconds and will appear at the bottom of the **MAIN MENU PAGE** as shown below in Fig.25.

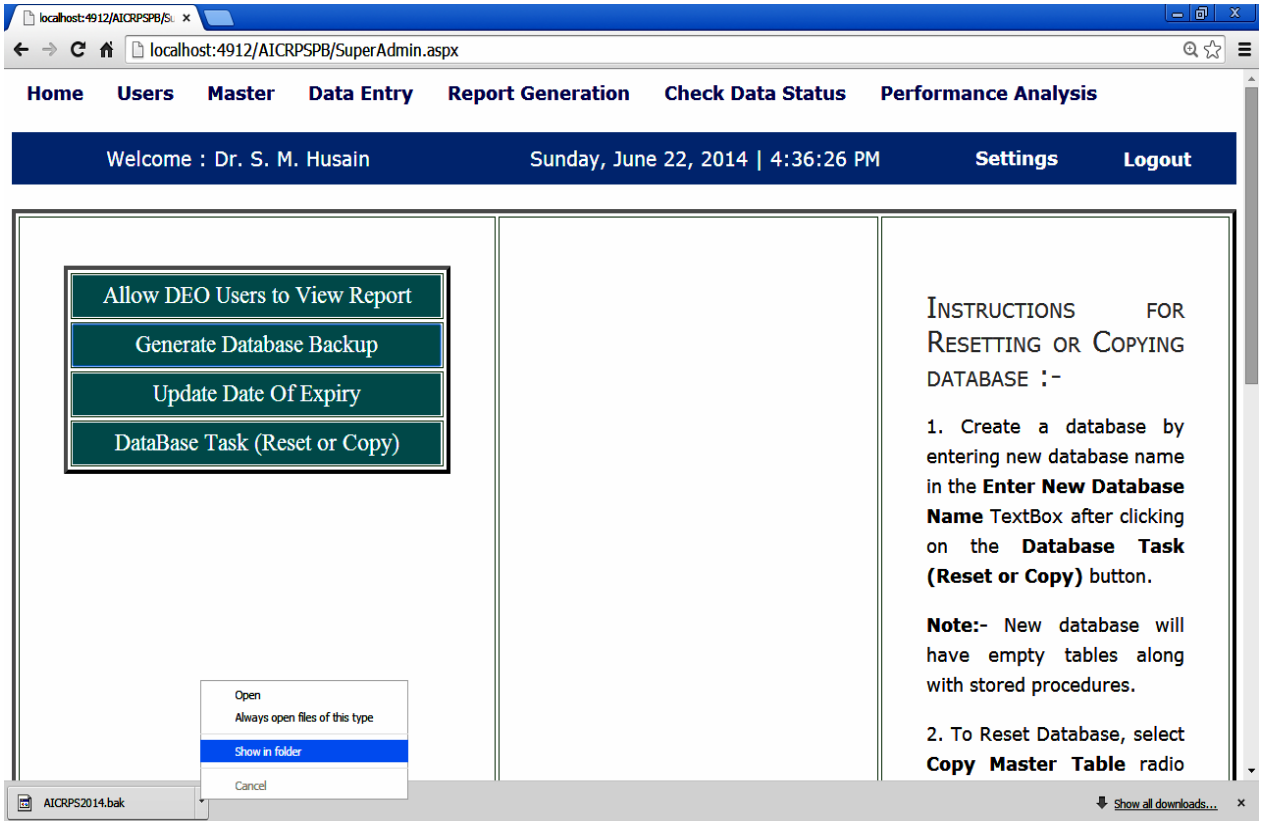


Fig.25 Locating Backup File

4. Browse the location of the "Backup File".

5. Rename the "Backup File", if required.

6. Save the above file at a desired location.

5.7 Steps for Updating Date of Expiry:-

1. Sign in as "Aicrps Administrator" by selecting User Type as AICRPS, enter login details and press Sign In button in the "LOGIN PAGE" as shown above in Fig.8.

2. Click Update Date Of Expiry button in the **MAIN MENU PAGE** in Fig.1.

3. Following form will open as shown in Fig.26.

4. Enter **New Date of Expiry** in the textbox by clicking on the "Calendar" icon - and click on the desired date as shown below in Fig.26.

5. Press Update DOE button for final update process.

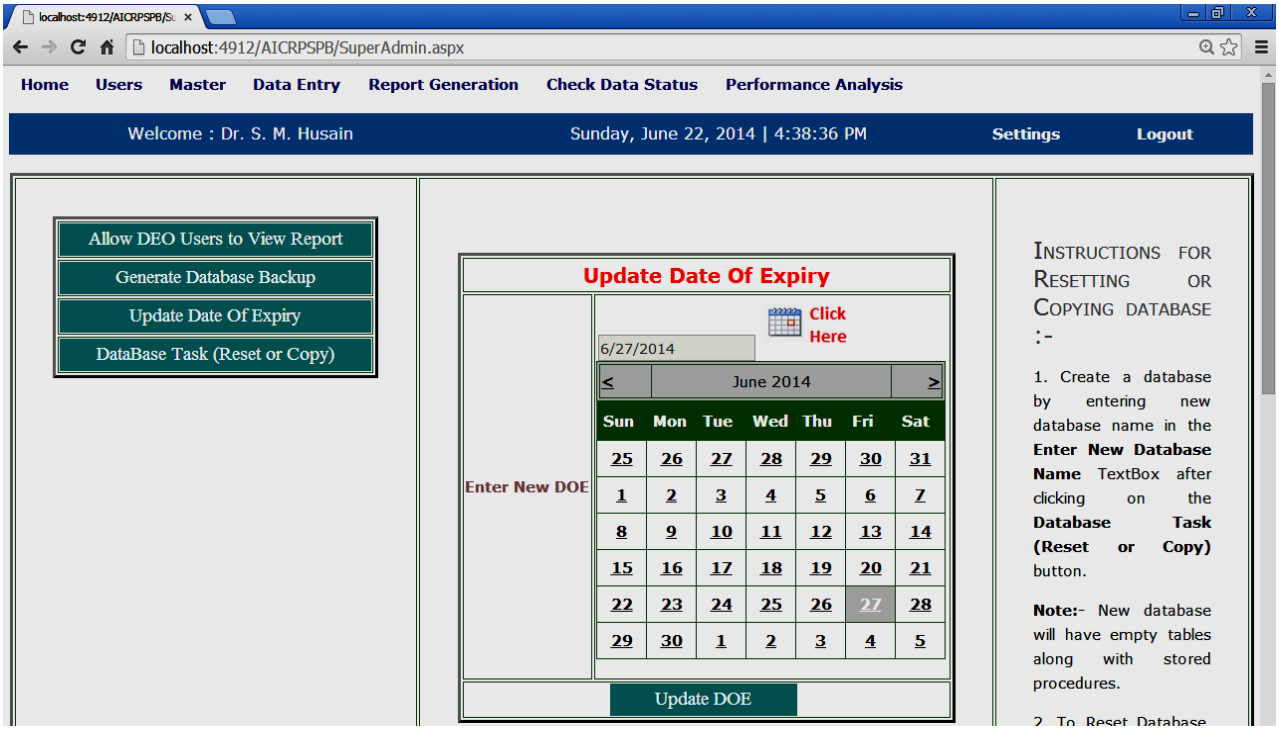


Fig.26 Updating Date of Expiry

5.8 Steps for Allowing/Disallowing DEO to View Report:-

1. Sign in as "Aicrps Administrator" by selecting User Type as AICRPS, enter login details and press Sign In button in the "LOGIN PAGE" as shown above in Fig.8.

2. Click Allow DEO Users to View Report button in the **MAIN MENU PAGE** in Fig.1.

3. Following form will open as shown in Fig.27.

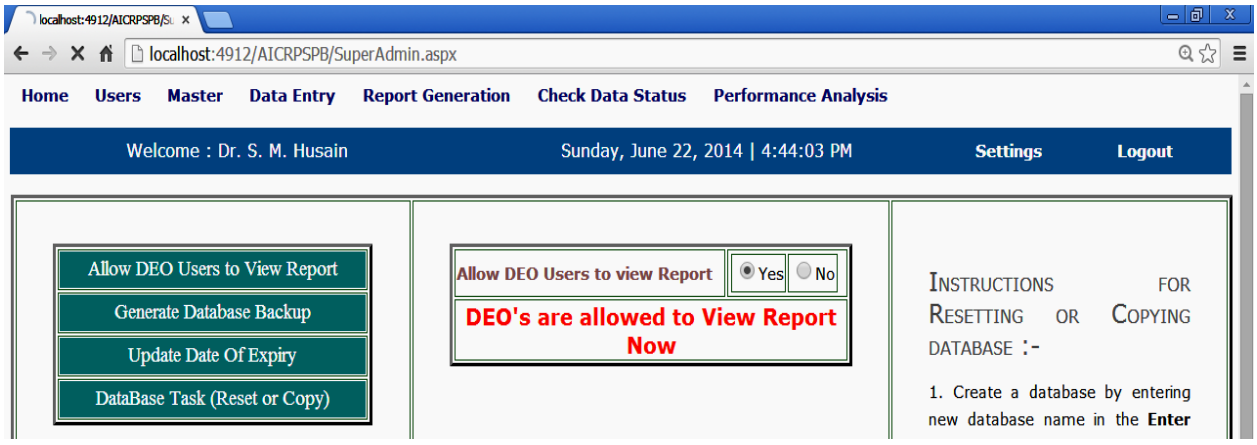


Fig.27

4. Simply select "**Yes**" or "**No**" radio button to Allow or Disallow DEO Users to View Report as shown in Fig.26.

5.9 Steps for Changing password of existing users:-

1. Sign in as “Aicrps Administrator” by entering login details and press Sign In button in the “LOGIN PAGE” as shown above in Fig.8.

2. Click Change Password in Settings option below main menu as shown in Fig.28.

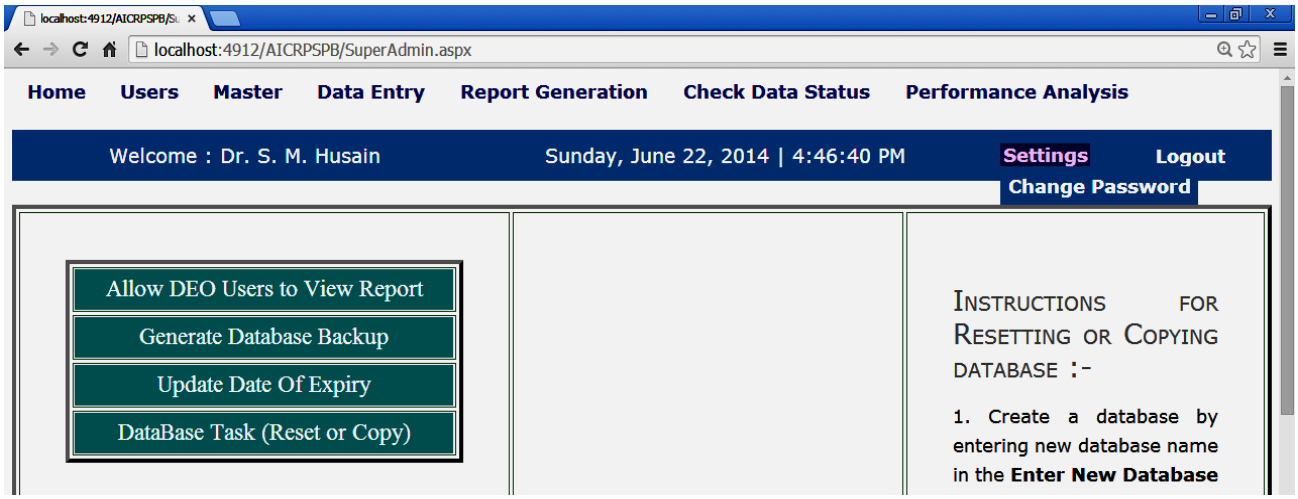


Fig. 28

3. Following form will open as shown below in Fig.29.

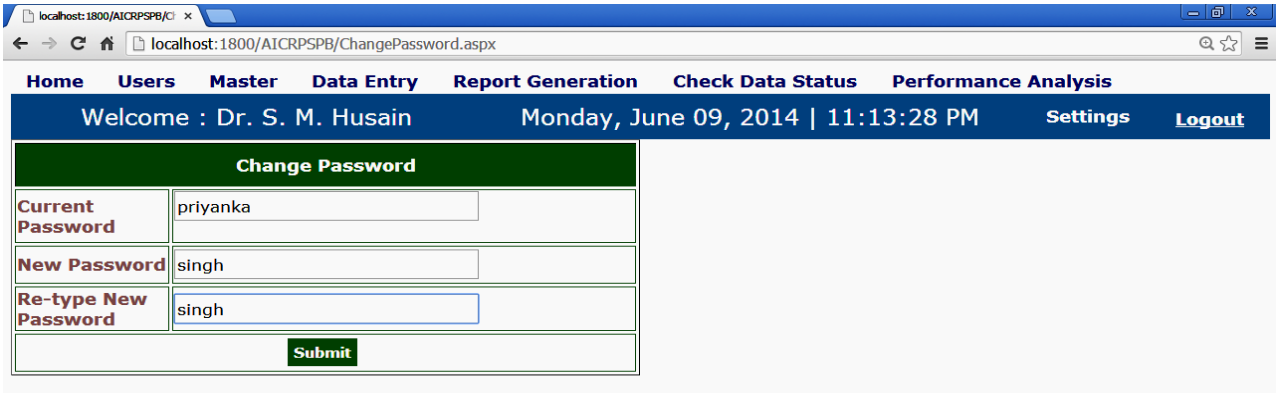


Fig.29 CHANGE PASSWORD FORM

4. Enter Current password and New Password, Re-type New Password in the appropriate text boxes in the form.

5. Press Submit button to save.

6. Press Logout option.

7. Login with new password.

5.10 Steps for Checking Status of Data Entry:-

1. Sign in as “Aicrps Administrator” by entering login details and press **Sign In** button in the “LOGIN PAGE” as shown above in Fig.8.

2. Click **Check Data Status** Option in the Main Menu in Fig.1.

3. Following form will open as shown in Fig.30.

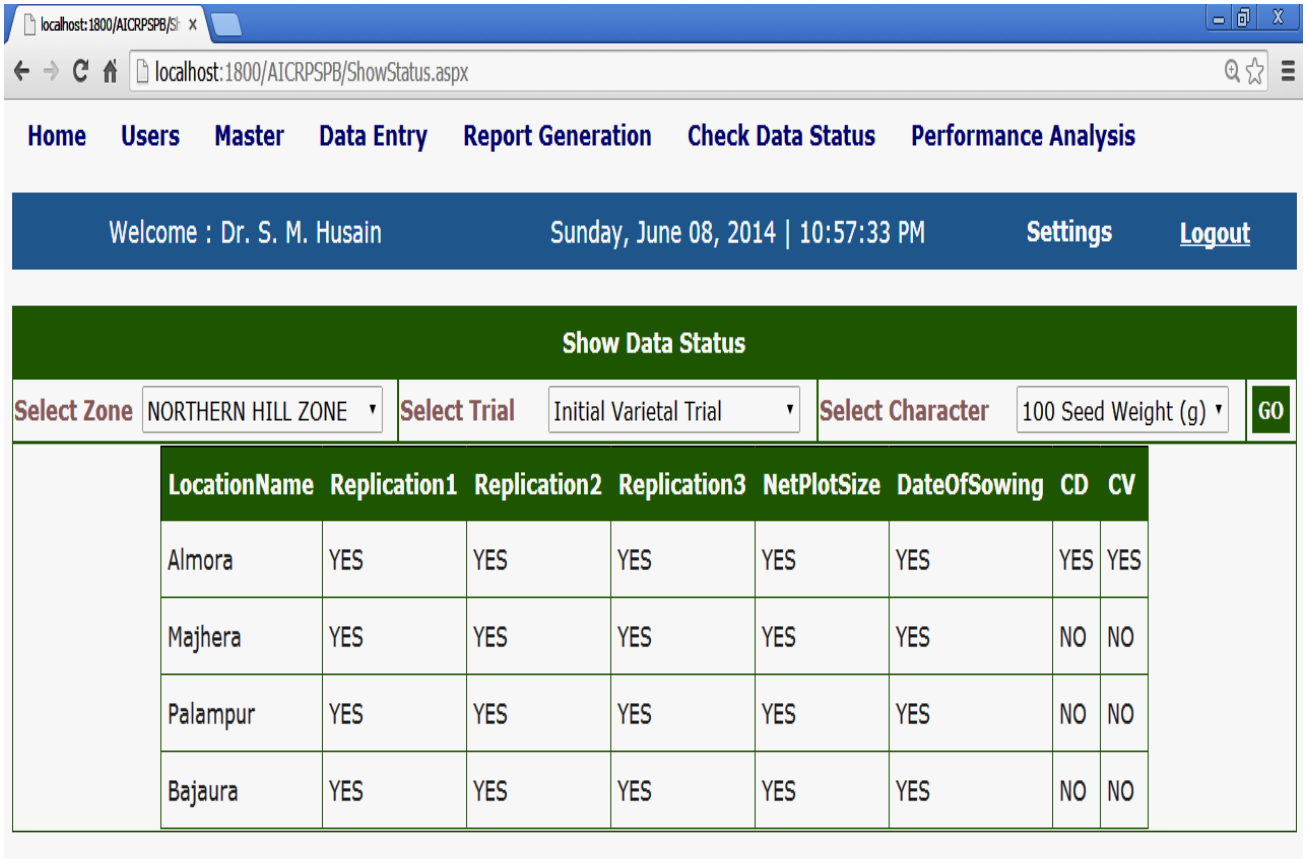
3. Select Zone from the list in front of **Select Zone**.

4. Select Trial from the list in front of **Select Trial**.

5. Select Character from the list in front of **Select Character**.

6. Press **GO** button.

7. A table containing the status (YES or NO) of main data and footer data of each replication of different locations of selected zone, trial and character is displayed as shown below in Fig.30.



LocationName	Replication1	Replication2	Replication3	NetPlotSize	DateOfSowing	CD	CV
Almora	YES	YES	YES	YES	YES	YES	YES
Majhera	YES	YES	YES	YES	YES	NO	NO
Palampur	YES	YES	YES	YES	YES	NO	NO
Bajaura	YES	YES	YES	YES	YES	NO	NO

Fig.30 SHOW DATA STATUS FORM

5.11 Steps to Reset or Copy Database (Perform one operation at a time):-

1. Sign in as "Aicrps Administrator" by entering login details and press Sign In button in the **LOGIN PAGE** as shown above in Fig.8.

2. Click DataBase Task (Reset or Copy) button in the **MAIN MENU PAGE** in Fig.1.

3. Following form will open as shown in Fig.31.

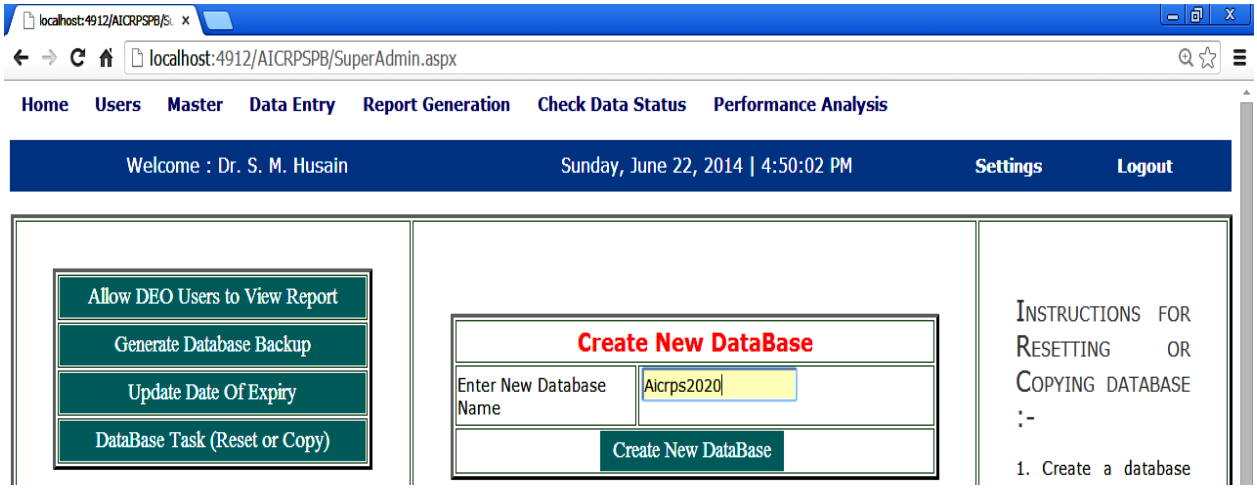


Fig.31

3. Create a new database having database schema same as the existing database which is to be reset.

4. Enter the name of new Database in the format like Aicrps2015 (Aicrps followed by the name of a year) in the Enter New Database Name textbox.

5. Press Create New DataBase button to create the desired database.

6. In order to reset existing **Database** select Copy Master tables radio button, select a **Database** whose master table's data is to be copied from the list of existing databases appearing in front of From DataBase as shown below in Fig.32.

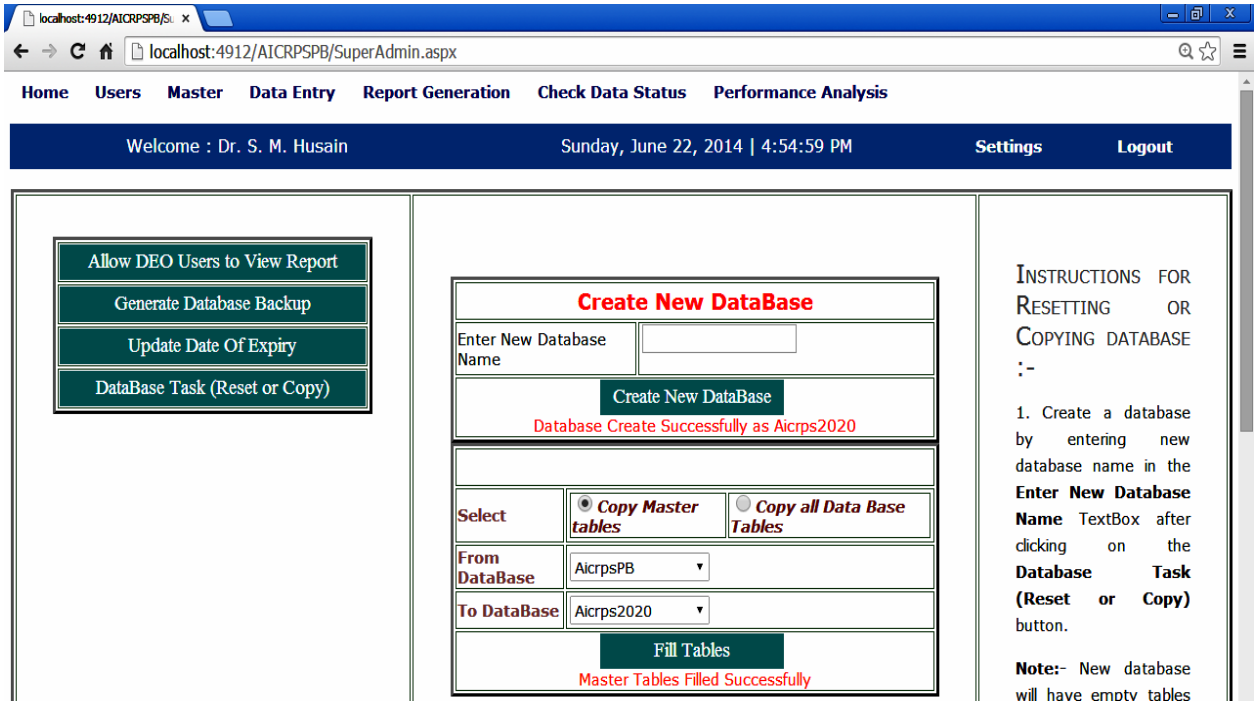


Fig.32

7. In order to copy whole **Database** select Copy all Data Base Tables radio button, select a **Database** whose complete data is to be copied from the list of existing databases appearing in front of From DataBase as shown below in Fig.33.

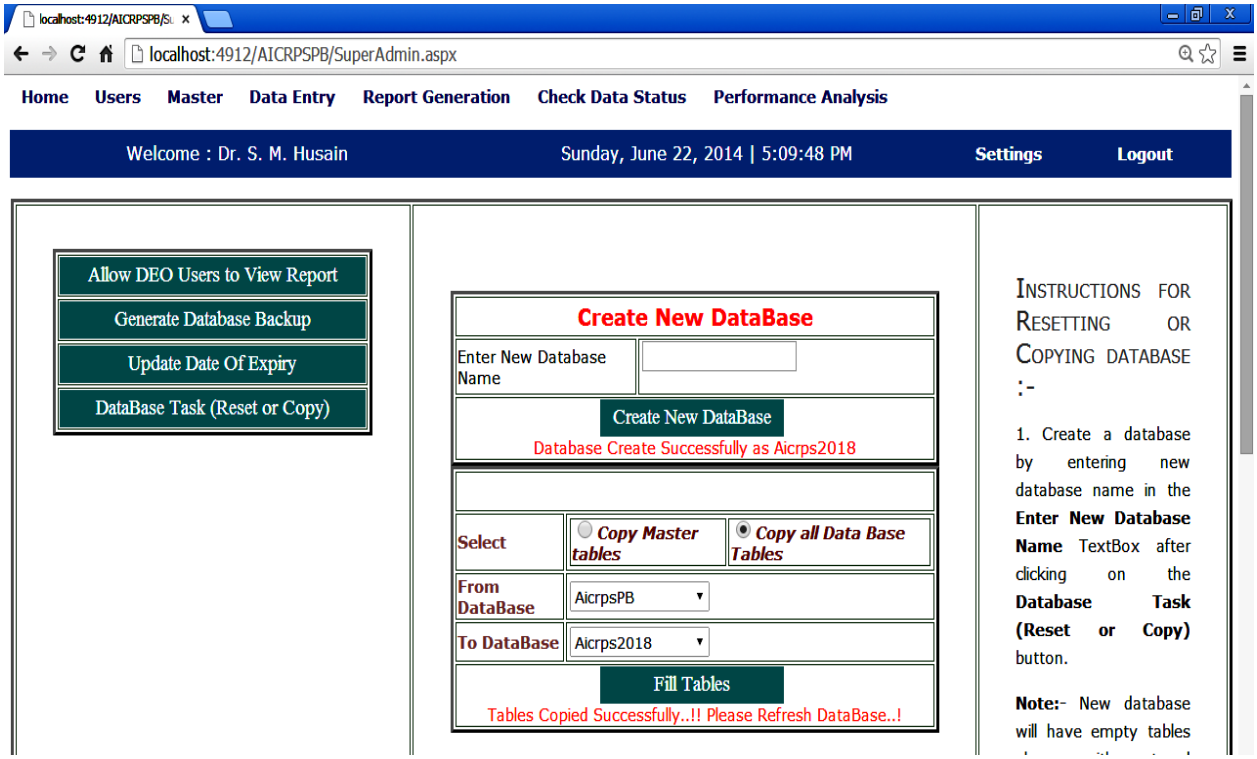


Fig.33

8. Select the newly created **Database** from the list appearing in front of To DataBase as shown above in Fig.31.

8. Press **Fill Tables** button to finally reset or copy existing database to newly created database.

5.12 Steps for Performance Analysis:-

1. Sign in as "Aicrps Administrator" by entering login details and press **Sign In** button in the **LOGIN PAGE** as shown above in Fig.8.

2. Click **Performance Analysis** option in the main menu as shown in **MAIN MENU PAGE** in Fig.1.

3. Following form will open as shown in Fig.34.

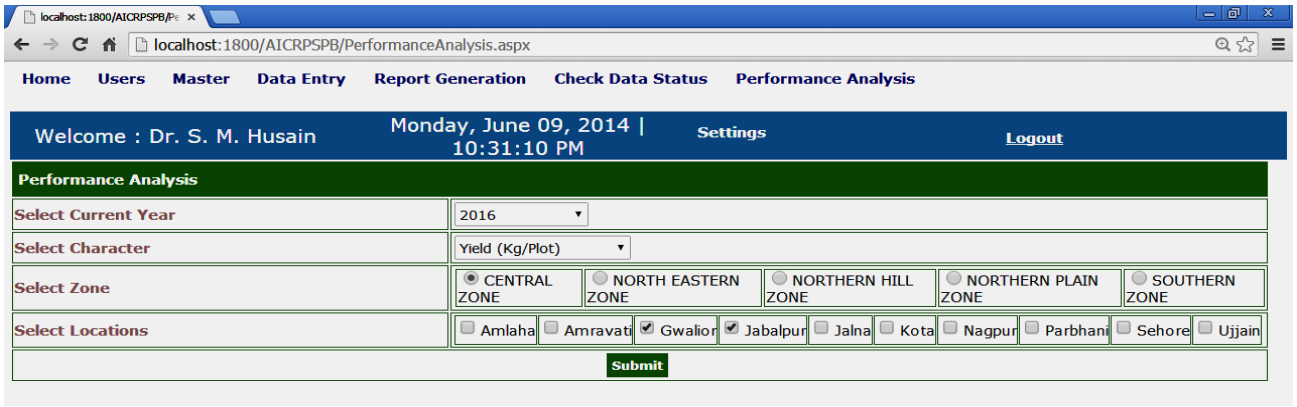


Fig.34

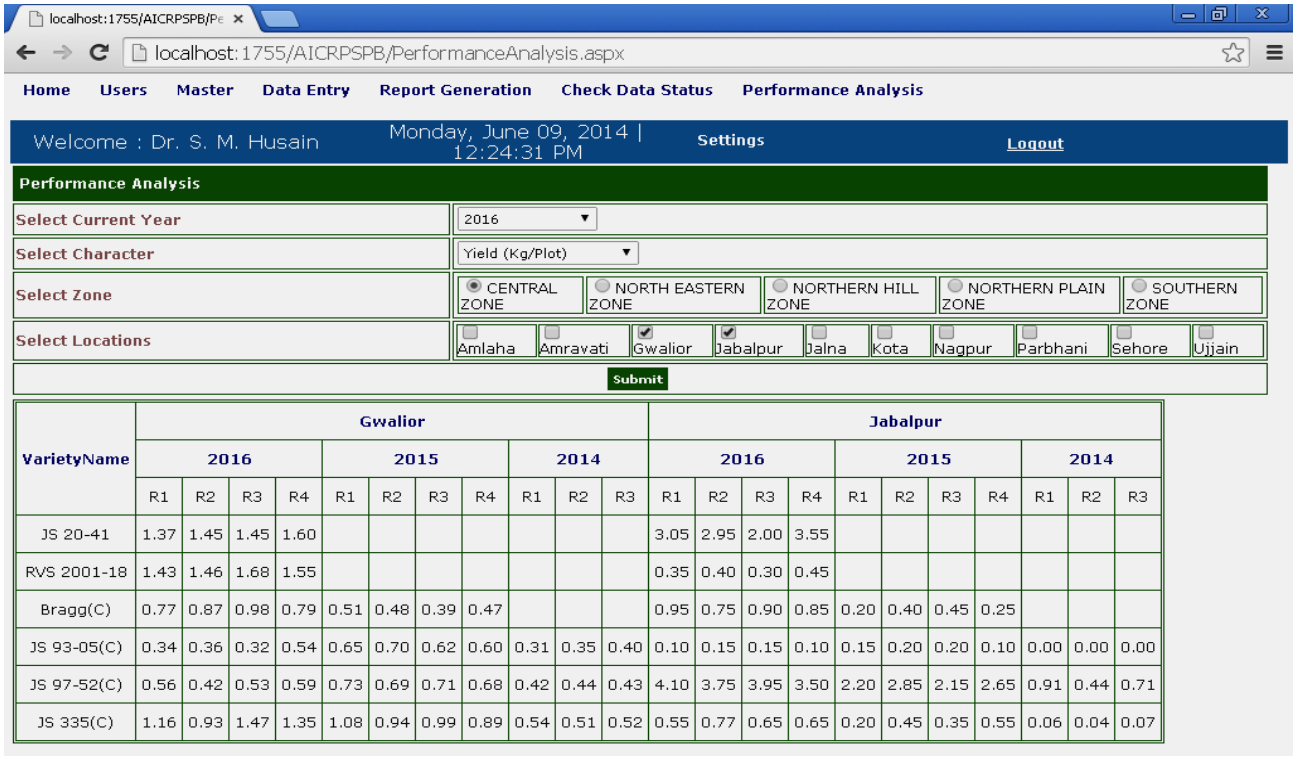
4. Select a year who's previous **two** years data exist in the database, from the list appearing in front of **Select Current Year** as shown above in Fig 33.

5. Select a **Character** from the list appearing in front of **Select Character**, for which performance analysis is to be done.

6. Select a **Zone** for the analysis.

7. Check a **Location or Locations** whose data is to be used for the analysis.

8. Press **Submit** button to view the analysis data as shown below in Fig.35.



VarietyName	Gwalior											Jabalpur										
	2016				2015				2014			2016				2015				2014		
	R1	R2	R3	R4	R1	R2	R3	R4	R1	R2	R3	R1	R2	R3	R4	R1	R2	R3	R4	R1	R2	R3
JS 20-41	1.37	1.45	1.45	1.60								3.05	2.95	2.00	3.55							
RVS 2001-18	1.43	1.46	1.68	1.55								0.35	0.40	0.30	0.45							
Bragg(C)	0.77	0.87	0.98	0.79	0.51	0.48	0.39	0.47				0.95	0.75	0.90	0.85	0.20	0.40	0.45	0.25			
JS 93-05(C)	0.34	0.36	0.32	0.54	0.65	0.70	0.62	0.60	0.31	0.35	0.40	0.10	0.15	0.15	0.10	0.15	0.20	0.20	0.10	0.00	0.00	0.00
JS 97-52(C)	0.56	0.42	0.53	0.59	0.73	0.69	0.71	0.68	0.42	0.44	0.43	4.10	3.75	3.95	3.50	2.20	2.85	2.15	2.65	0.91	0.44	0.71
JS 335(C)	1.16	0.93	1.47	1.35	1.08	0.94	0.99	0.89	0.54	0.51	0.52	0.55	0.77	0.65	0.65	0.20	0.45	0.35	0.55	0.06	0.04	0.07

Fig.35

5.13 Steps to enter Weather Data:-

1. Sign in as “Aicrps Administrator” by entering login details and press Sign In button in the **LOGIN PAGE** as shown above in Fig.8.

2. Select Data Entry option from the main menu as shown **MAIN MENU** in Fig.1.

3. Press Click Here For Weather Data to open weather data form as shown in Fig.36.

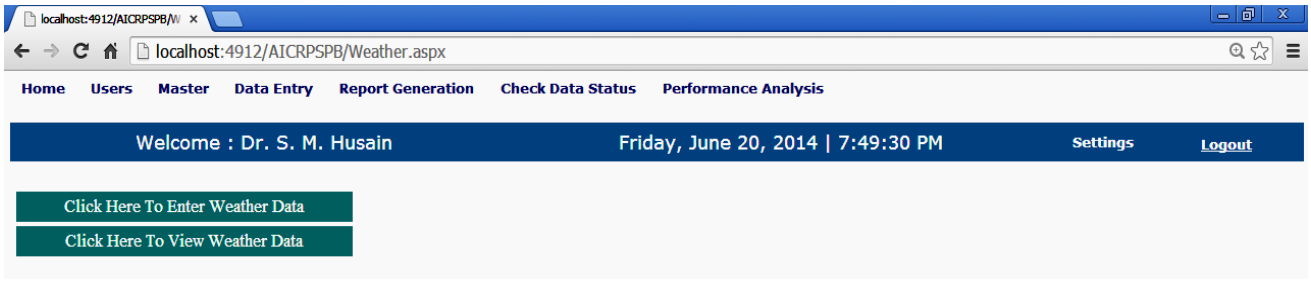


Fig.36

4. Press Click Here To Enter Weather Data to enter weather data of a particular date as shown in Fig.37.

Fig.37

5. Select Zone from the list appearing in front of **Select Zone**.

6. Select Location from the list appearing in front of **Select Location**.

7. Select a date from a calendar that appears below the disabled **Date** textbox after clicking on the icon, Click Here to get the desired date in the textbox**.**

8. Enter nonzero maximum temperature in Celsius in the textbox appearing in front of **Maximum Temperature(in Celsius)**.

9. Enter nonzero minimum temperature in Celsius in the textbox appearing in front of **Minimum Temperature(in Celsius)**.

10. Enter nonzero rainfall in mm in the textbox appearing in front of **Rainfall (in mm)**.

11. Enter nonzero relative humidity in % in the textbox appearing in front of **Relative Humidity (in %)**.

12. Press **Submit** button to save the entered weather data.

5.14 Steps to view Weather Data:-

1. Sign in as "Aicrps Administrator" by entering login details and press Sign In button in the **LOGIN PAGE** as shown above in Fig.8.

2. Select Data Entry option from the main menu as shown **MAIN MENU** in Fig.1.

3. Press Click Here For Weather Data to open weather data form as shown in Fig.35.

4. Press Click Here To View Weather Data to view weather data of any location whose weather data is available as shown in Fig.38.

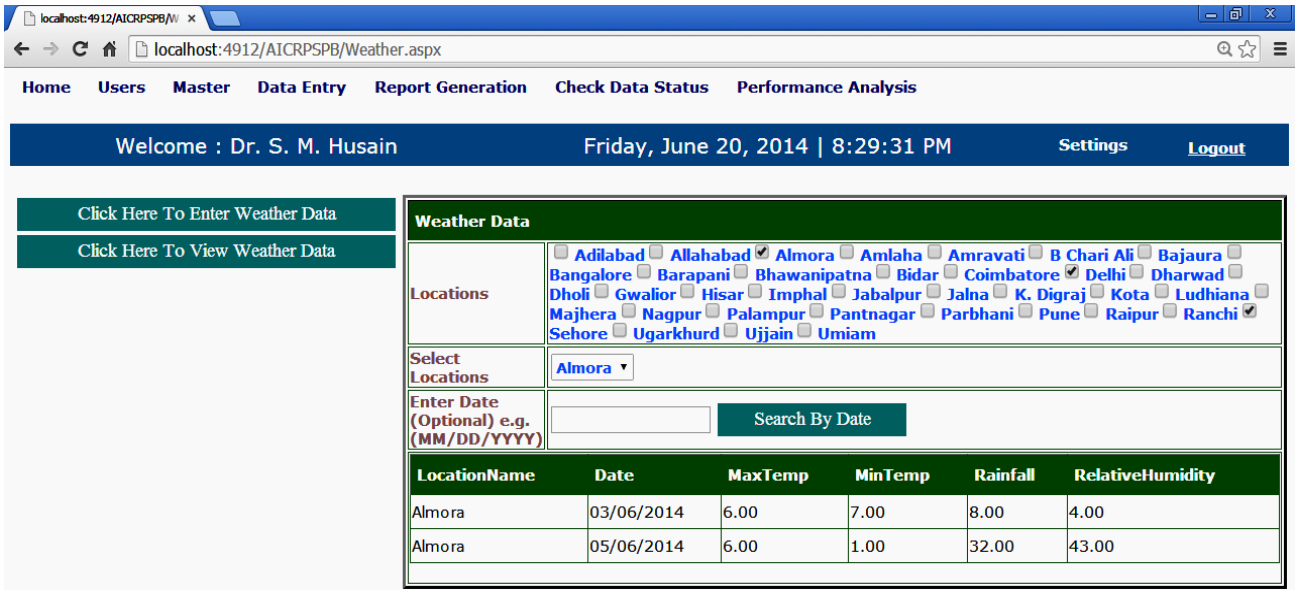


Fig.38

5. All the locations whose weather data is shown by a checked checkbox in the Locations row.

6. Select a location from the list appearing in front of **Select Locations** or the user can even view weather data of a desired date by entering the date in the **Enter Date** textbox and press Search By Date button as show above in Fig.37.

7. The weather data of the selected location or entered date will be displayed in tabular form as in Fig.38.

Chapter 6

USER GUIDELINES FOR END USERS

6.1 Steps for Forgot password of existing users:-

1. Click Forgot your password? link on the LOGIN PAGE in Fig.8.
2. Following form will open as shown below in Fig.39.

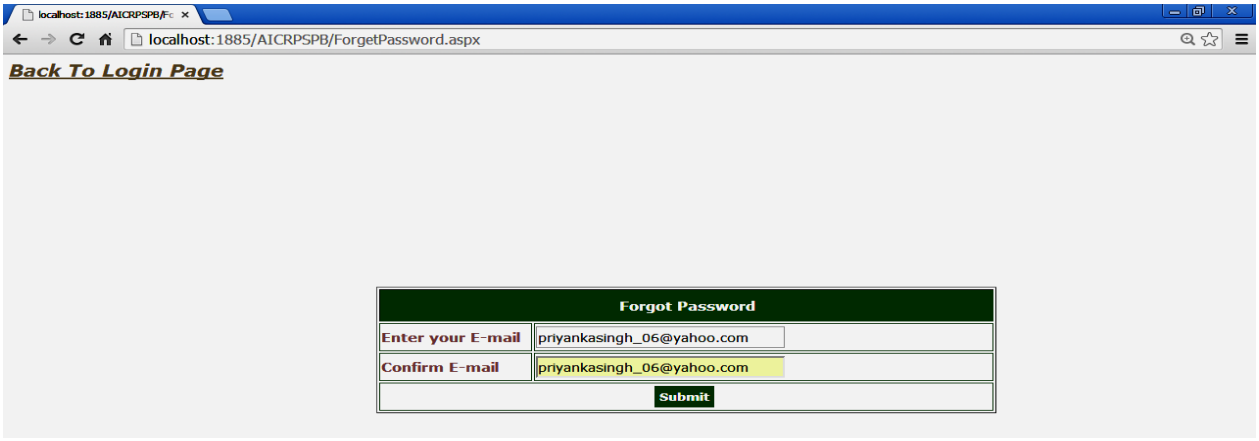


Fig.39 Forgot Password form

3. Enter your E-mail and confirm E-mail in the appropriate text boxes in the following form as shown above in Fig.39.
4. Press Submit button to save.

6.2 Steps to View Report by DEOs:-

1. Login as DEO (Data Entry Operator).

2. Click View Report link at the top of "Data Entry Page" as shown below in Fig.40.

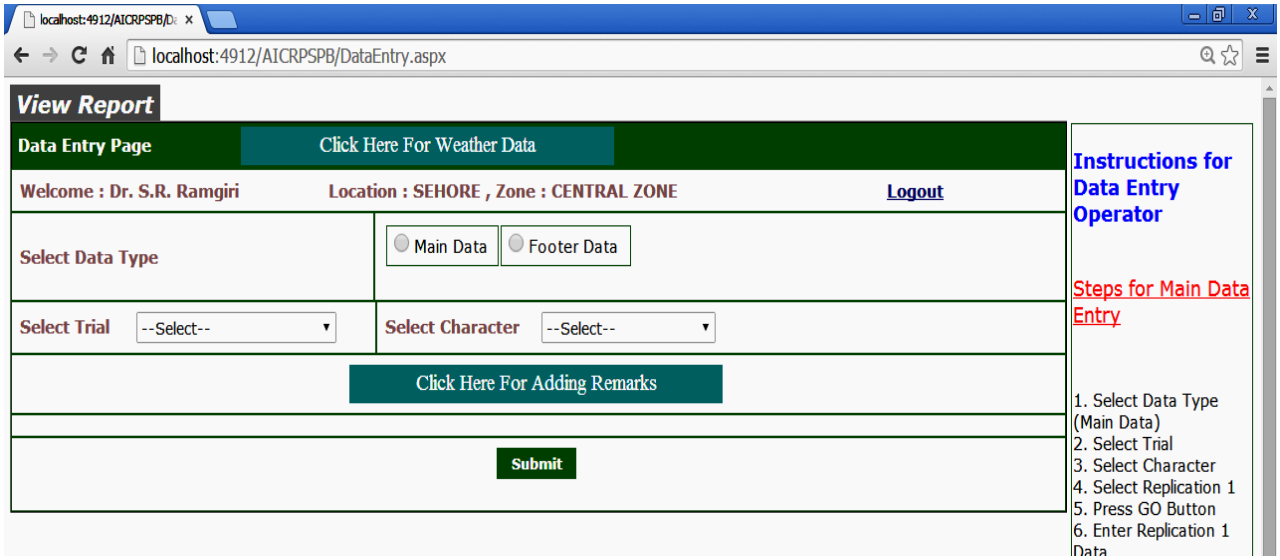


Fig.40. View Report by DEO

3. Report Generation form will open as shown below in Fig.41.

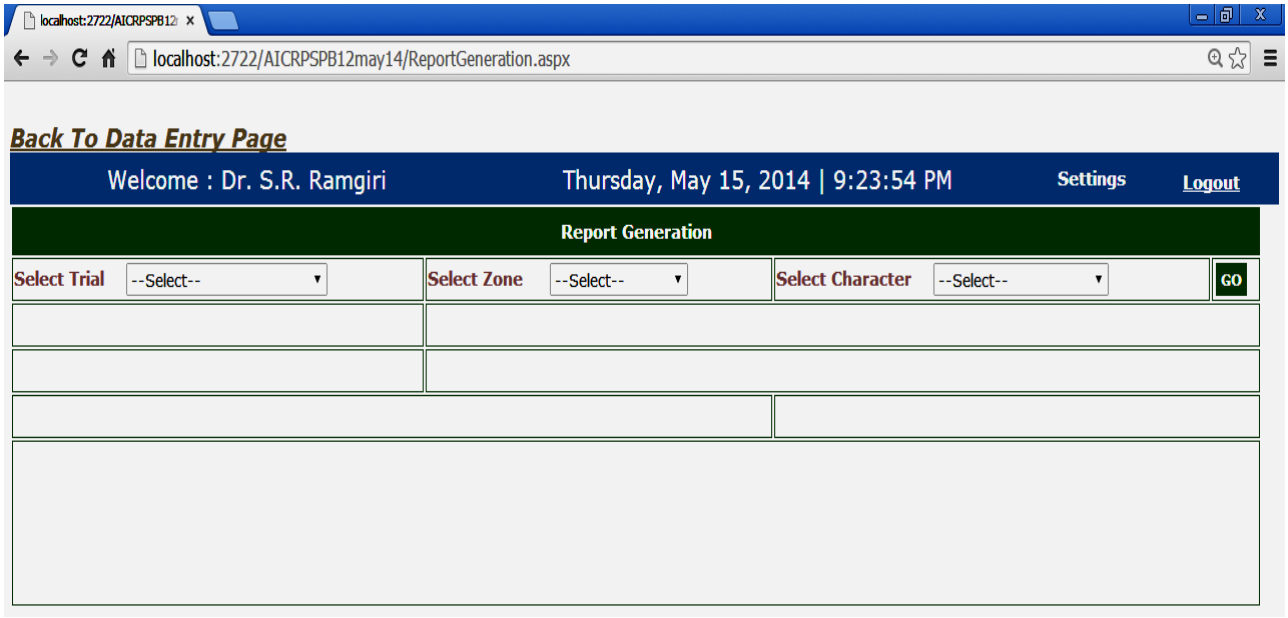


Fig.41 Report Generation form.

4. Select appropriate Trial, Zone (your zone) and Character and press GO button.

5. Select Precision and Rank Order and Press Generate Report as shown below in Fig.42.

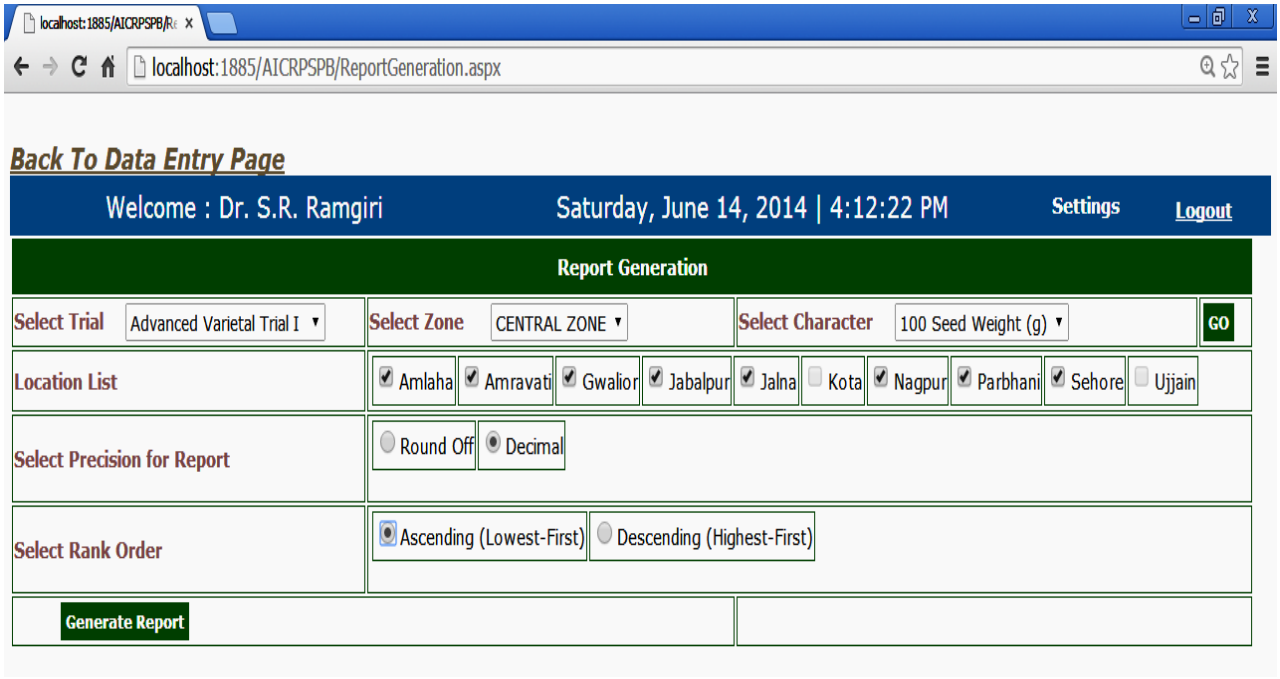
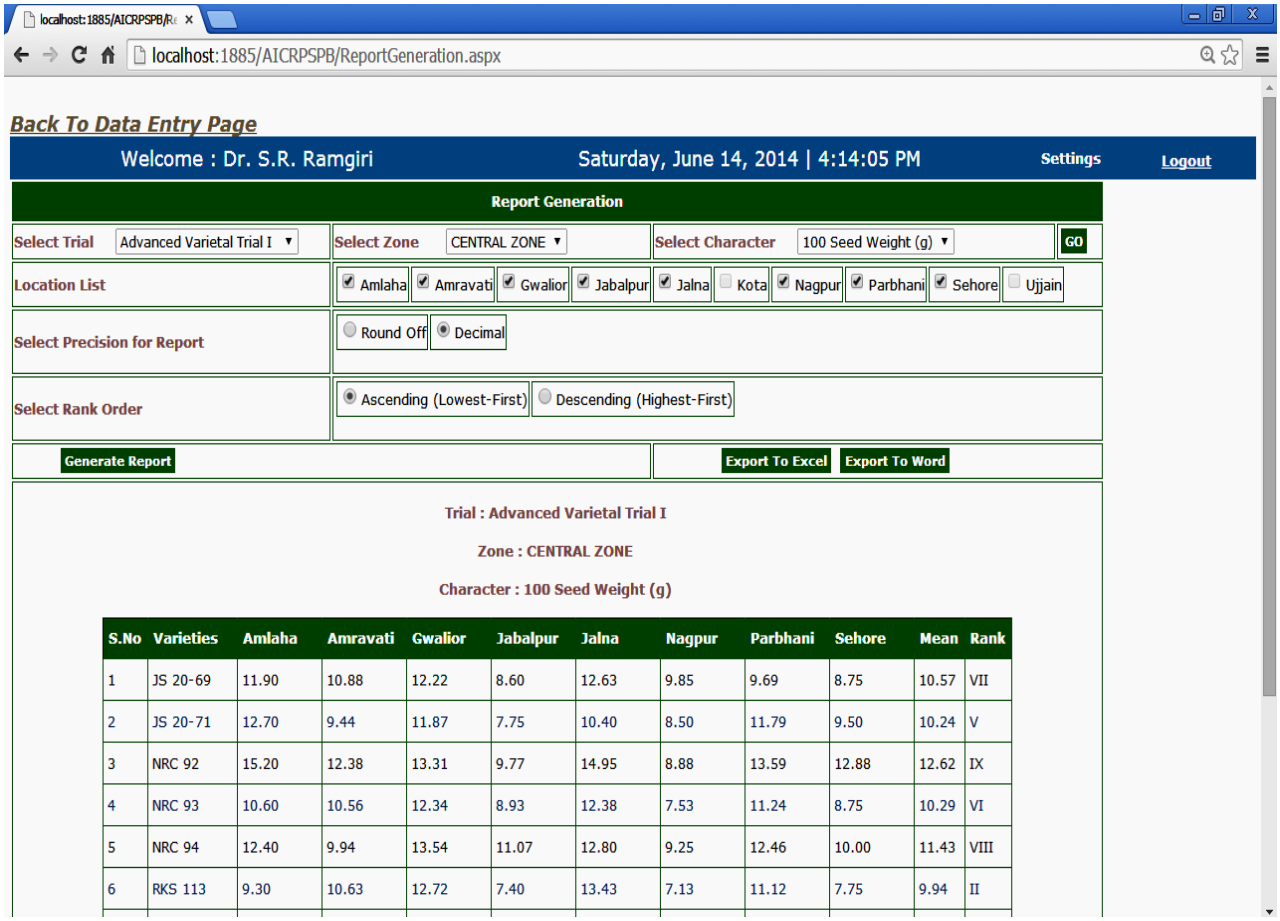


Fig.42

6. The report will be generated as shown below in Fig.43.



S.No	Varieties	Amlaha	Amravati	Gwalior	Jabalpur	Jalna	Nagpur	Parbhani	Sehore	Mean	Rank
1	JS 20-69	11.90	10.88	12.22	8.60	12.63	9.85	9.69	8.75	10.57	VII
2	JS 20-71	12.70	9.44	11.87	7.75	10.40	8.50	11.79	9.50	10.24	V
3	NRC 92	15.20	12.38	13.31	9.77	14.95	8.88	13.59	12.88	12.62	IX
4	NRC 93	10.60	10.56	12.34	8.93	12.38	7.53	11.24	8.75	10.29	VI
5	NRC 94	12.40	9.94	13.54	11.07	12.80	9.25	12.46	10.00	11.43	VIII
6	RKS 113	9.30	10.63	12.72	7.40	13.43	7.13	11.12	7.75	9.94	II

Fig. 43 Screen showing the actual format of the report

7. The report can be exported to Excel or Word format. Press Export To Excel or Export To Word button to save the report in excel or word format.

8. Click the link - Back To Data Entry Page at the top of window shown in Fig. 43, to go back to Data Entry Page.

9. Or simply click Logout link for signing out.

6.3 Steps to enter and view data:-

Follow the (Admin) steps given above in ***5.13 Steps to enter Weather Data*** and ***5.14 Steps to view Weather Data***