

This is a living document and changes will be made as per the current or updated system.

# **TABLE OF CONTENTS**

LIST OF ACRONYMS	6
OVERVIEW	7
BACKGROUND	7
AIMS AND OBJECTIVES	9
SEMIS FEATURES	10
SYSTEM REQUIREMENT	10
BROWSER SUPPORT	10
CHAPTER 1	11
WEB-PORTAL	12
Opening Web-Portal	12
How to Log In?	12
How to Log Out?	12
ACCOUNT SECURITY	13
How to Change E-Mail Address?	13
How to Change Password?	14
USER MANAGEMENT	15
Creating New User	15
How to edit User Forms?	17
CHAPTER 2	19
DASHBOARDS	20
Provincial Dashboard	20
Divisional Dashboard	22
District Profile	24
Taluka Profile	25
School Profile	27
Trend Analysis	28
How to Create Trends Chart	29
ECCE Dashboard	31
Facilities Map	32
ASC Time Series	33

CHAPTER 3	34
SCHOOL MANAGEMENT COMMITTEE (SMC)	
SECTION	35
New SMC Roster	
How to Edit SMC Roster?	
SMC Configuration Panel	
How to Edit SMC Panel	
New SMC Application	39
SMC Application Form – Instructions	
How To Edit or Submit a SMC Application	
Form?	46
How To Delete a SMC Application Form?	47
How To Change the Status of a Submitted S	SMC
Application Form?	48
SMC Dashboard	48
SMC Allotment Tool	49
CHAPTER 4	51
SCHOOL MANAGEMENT COMMITTEE (SMC)	
REPORTS	52
SMC School List	52
SMC District Wise Summary Report	55
Bank Wise School List	
Executive Summary Report	60

# **REVISION HISTORY**

Name	Date	Reason for Changes	Version
Mehwish Ayyub	26 <sup>th</sup> October 2022		V1
Mehwish Ayyub	6 <sup>th</sup> November 2022	Cover Photos	V1.2

# **LIST OF ACRONYMS**

·	
ASC	Annual School Census
APP	Application
CNIC	Computerized National Identity card
ECCE	Early Childhood Care & Education
EU	European Union
GIS	Geographic Information System
GSP	Girls Stipend Project
HR MIS	Human Resource Management Information System
IBAN	International Bank Account Number
M&E	Monitoring & Evaluation
RSU	Reform Support Unit
SELD	School Education and Literacy Department
SEMIS	Sindh Education Management Information System
SESP&R	Sindh Education Support Plan & Roadmap
SMC	School Management Committee
STA DEEP	Sindh Technical Assistance for the Development through Enhanced
	Education Programme
UNICEF	United Nations Children's Fund

## **OVERVIEW**

The Sindh Education Management Information System (SEMIS) user manual provides step-by-step instructions that help SMC Manager get started with SEMIS functions and features and provide guidelines on managing SMC-related data.

This guide is organized according to the logical flow of Sindh Education Management Information System features and describes tasks in the same order you can use while working on the system.



It is recommended to have a working internet connection for web-access and the application in order to review the product side-by-side when reading this manual.

### **BACKGROUND**

UNICEF provides technical assistance to the School Education and Literacy Department, Government of Sindh for the European Union (EU) Sector Budget support through the Sindh Technical Assistance for the Development through Enhanced Education Programme (STA-DEEP). The objective of STA-DEEP is to provide technical assistance for education systems reforms prioritised in DEEP, in line with Sindh Education Support Plan & Roadmap (SESP&R), for more responsive capacity and systems to deliver quality and equitable education in Sindh. The long-term outcome is to support improved education planning, financial management, and governance in Sindh province, have more children enrolled and retained, especially girls, and ensure more children receive a quality education. STA DEEP Component 2 is strengthening data systems, with the goal to improve information systems and usage in provincial and district-level education planning and service delivery. SE&LD uses informed decision-making and monitoring of schools using a range of indicators such as school buildings, facilities in schools, and teacher attendance.

The Reform Support Unit (RSU) at SE&LD is the pivotal point that collects the comprehensive database under School Education Management Information System (SEMIS) in the Sindh Province. The RSU has utilised its in-house capacity to conduct a detailed annual school census for School Education Management Information System, School verification for SEMIS ID, School Management Committee (SMC), and Girls Stipend (GS) disbursements. SE&LD is now looking for improved technological solutions that could help them collect better data and conduct surveys efficiently, resulting in improved data management and data-driven decision-making.



### **INTRODUCTION**

The Sindh Education Management Information System (SEMIS) has been launched to strengthen SELD responsive capacity and systems to plan, manage and deliver quality and equitable education. Through this system, three core components of the Sindh Education System are going to be fully digitised.

**Annual School Census** - to collect precise & accurate school-level data & present it graphically to decision and policymakers.

**Girls Stipend Program** - to track female student enrolment and attendance in real time for cash disbursement to eligible girls.

**School Management Committee** - to support the allocation of funds in accordance with the prevailing policy of SELD.

SEMIS will provide education leaders, decision-makers, and managers at all levels with a comprehensive, integrated set of relevant, reliable, unambiguous, and timely data and information to support them in the completion of their responsibilities. It is an integrated system that can share, and collect data from different systems (currently linked with HR-MIS and M&E) and eventually will bridge the gap between different departments of the Education System.

SEMIS is a cloud-based system that can efficiently adapt to changes and is accessible to users all the time. It has a rich admin interface and a secure role-based system which help departments to configure the system as per their need and to share the information as per user roles. In the SEMIS system, users will be able to work according to their assigned roles and permissions which helps to manage the activities users are permitted to perform. User roles will be hierarchical and only higher-level roles will be able to access grants to lower-level roles. Currently, the system has the following user roles — each has different rights and responsibilities.

- 1. Guest Users
- 2. School
- 3. Data Input Officer
- 4. District Manager
- 5. Provincial Manager
- 6. SEMIS Manager

This manual is customized for SMC Manager to provide step-by-step instructions for using the SMC section. As SEMIS has digitized the existing system, the users will be performing the same tasks but in a systematic digital manner which will help in providing timely, error-free data by eliminating human errors.

This manual is organized according to the logical flow of Sindh Education Management Information System features and describes tasks in the same order you can use while working on the system.

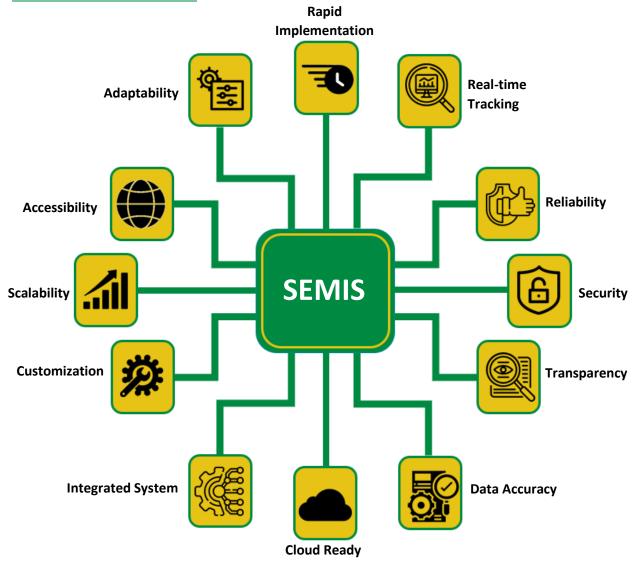
## **AIMS AND OBJECTIVES**

Following are the aims and objectives of SEMIS's software

To digitise and automate the Annual School Census, School Management Committee survey and data collection and distribution of payment for Girls Stipend program

To enhance the visualisation and monitoring of data by linking the data with GIS and real-time dashboards.

# **SEMIS FEATURES**



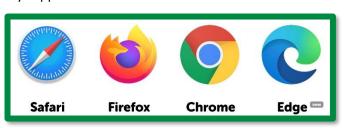
### **SYSTEM REQUIREMENT**

The Sindh Education Management Information System SEMIS is accessible from any Desktop, PC, Mac, Android, or Linux with Internet access and a supported Web-browser.

# **BROWSER SUPPORT**

The following browsers and later versions fully support SEMIS standard view:

- Mozilla Firefox (Windows, Mac, Android, Linux)
- Google Chrome (Windows, Mac, Android, Linux)
- Safari (Mac)



# CHARIER1

# 

### **TOPICS TO BE COVERED**

**Web Portal Login** 

**Changing and Recovering Password** 

**Assigned Modules** 

**Creating and Editing User Forms** 

# **WEB-PORTAL**

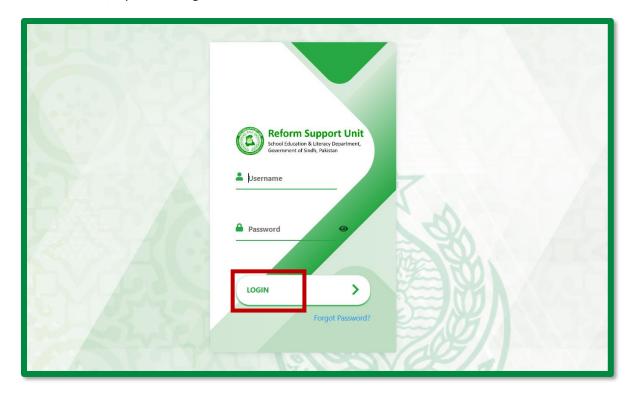
# **Opening Web-Portal**

- 1. Open a Web browser (Mozilla, Chrome, Safari, Edge)
- 2. Enter the URL <a href="https://semis.rsu-sindh.gov.pk">https://semis.rsu-sindh.gov.pk</a> in the address field to access the SEMIS web portal.



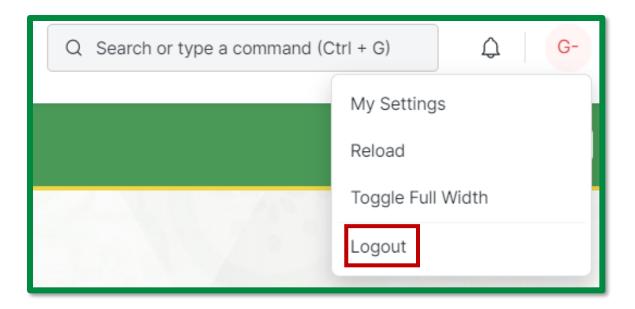
### How to Log In?

- 1. Enter the User Name and Password.
- 2. Click/tap on the Login button.



### **How to Log Out?**

- 1. Click on the Profile Icon.
- 2. Click on the **Logout** option.



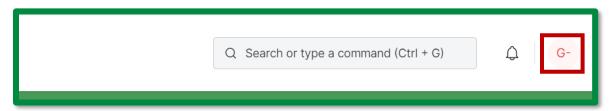
# **ACCOUNT SECURITY**



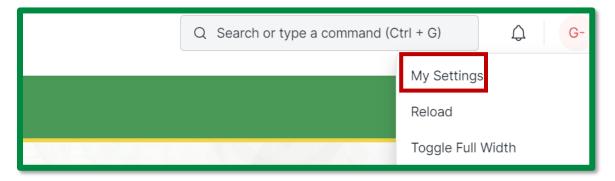
Users must change the login credentials (E-mail address & Password) of the account before using it on web portal.

### **How to Change E-Mail Address?**

1. Click on the **Profile** option on the top right side of the screen.

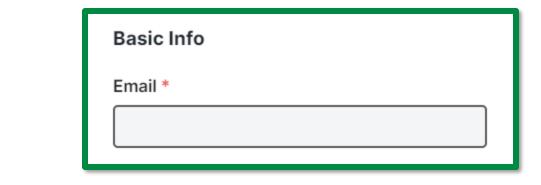


2. Click on My Settings



3. Type a new email address under **Email** and click on **Save** on the top right side of the screen.

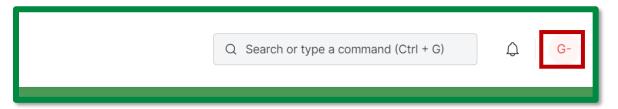




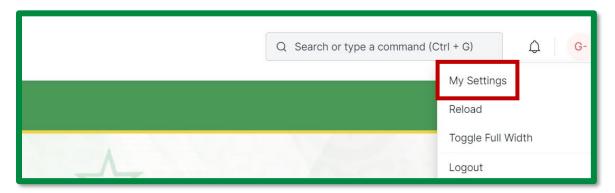


# **How to Change Password?**

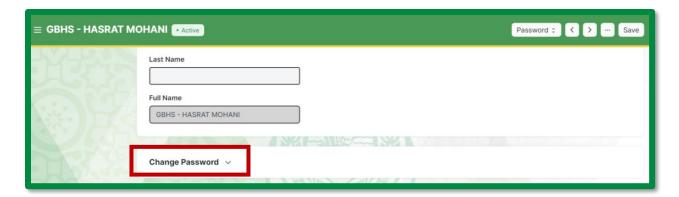
1. Click on the **Profile** option on the top right side of the screen.



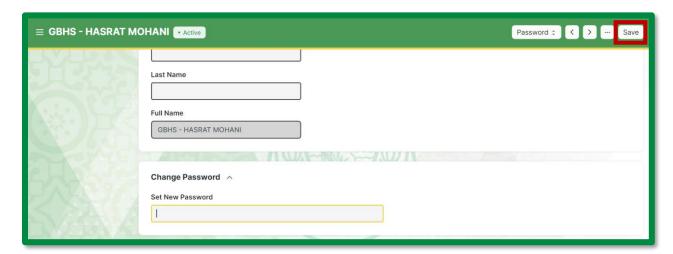
2. Click on My Settings



3. Click on Change Password.

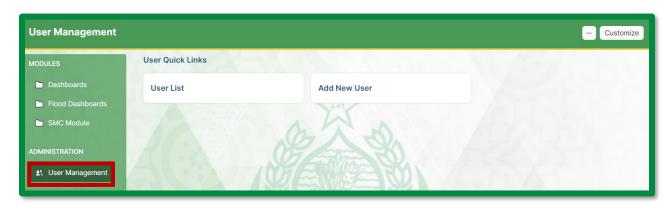


4. Type the new password under **Set New Password** and click on **Save** on the top right side of the screen.



# **USER MANAGEMENT**

Click on **User Management** on the left side of the Dashboard to access Users' information and lists.



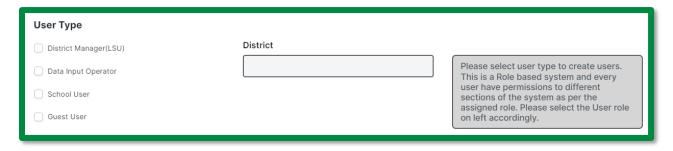
# **Creating New User**

1. Click on Add New User.

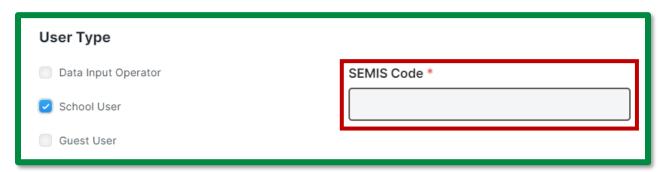




2. Select **User Type/Role** – District Manager, Data Input Operator, School User, OR Guest User.



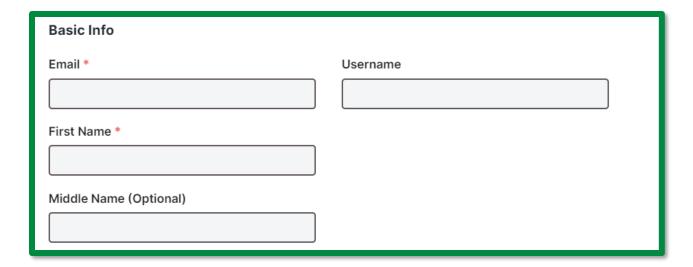
If the user selects the School User option, the system will ask for the School SEMIS code.



if the user selects **Data Input Operator**, System will ask for the role/module to be assigned. Users can select one or all three modules.



3. Add Basic Information about the new user.



4. Set the Password



5. Click on **Save** on the top right side of the screen.

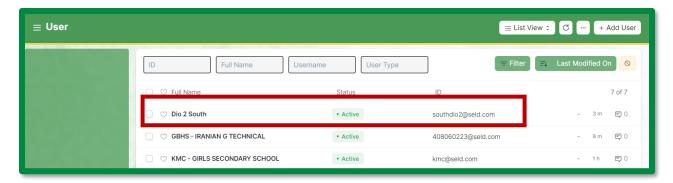


### **How to edit User Forms?**

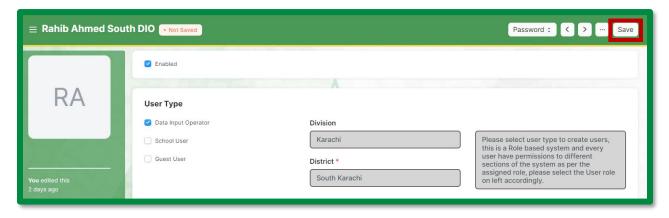
1. Click on User List.



2. Click on User Name or ID to open user details.



3. Edit the opened form and click **Save** to save changes.



# CHAPTER 2

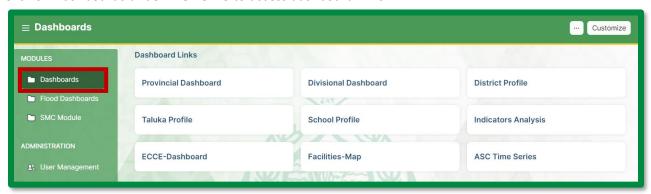
# DASHBOARDS

### **TOPICS TO BE COVERED**

Provincial Dashboard	
Divisional Dashboard	
District Profile	
Taluka Profile	
School Profile	
Trend Analysis	
ECCE Dashboard	
Facilities Map	
ASC Time Series	

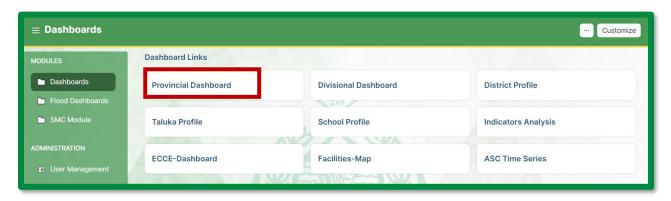
# **DASHBOARDS**

Click on **Dashboards** under **MODULES** to access dashboard links.

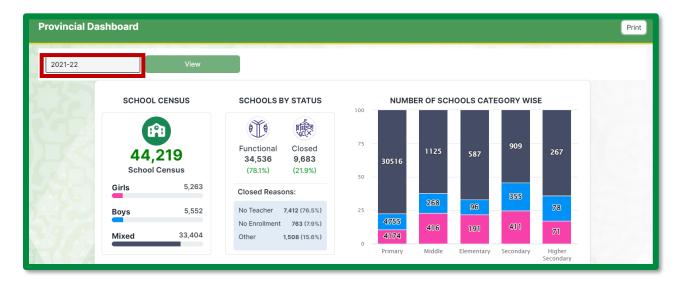


#### **Provincial Dashboard**

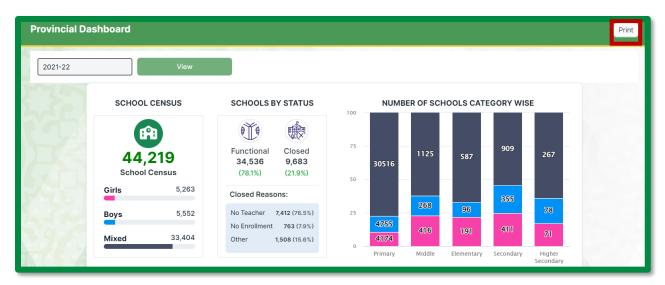
1. Click on Provincial Dashboard.



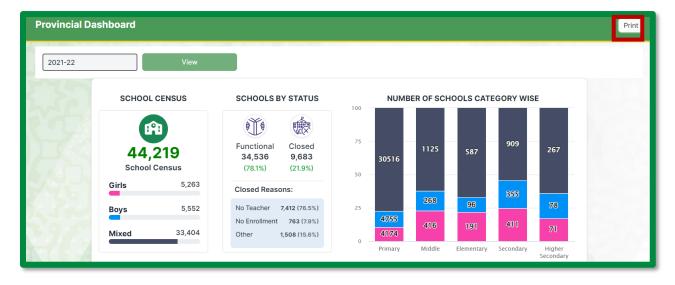
New page will show the **provincial dashboard** for the current year.
 To view a specific year's provincial dashboard, click on the year, select the year from the drop-down list and click on **View**.

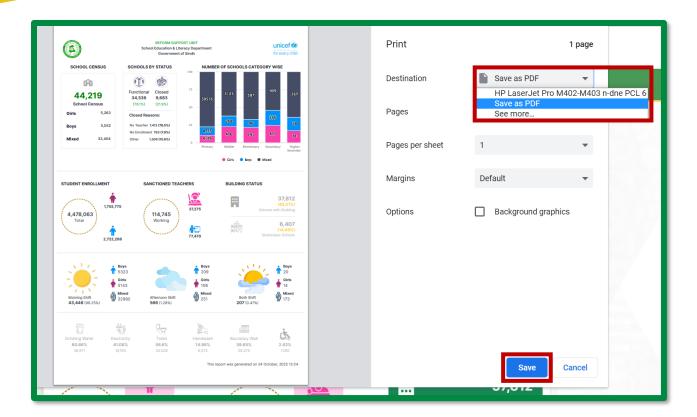


3. To print the provincial dashboard, click on **Print**.



4. To save it as PDF, Click on **Print**, select destination **Save as PDF** and click on **Save**.





### **Divisional Dashboard**

1. Click on Divisional Dashboard.

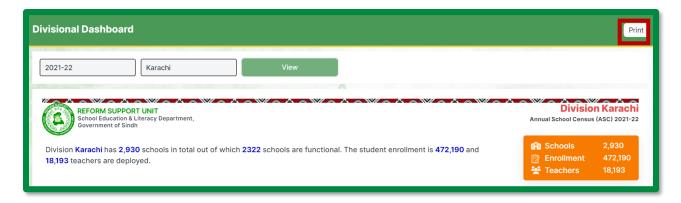


2. Select year, division and click on View.

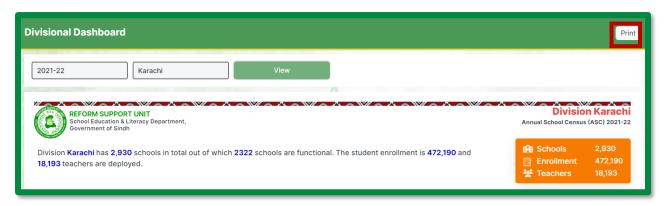


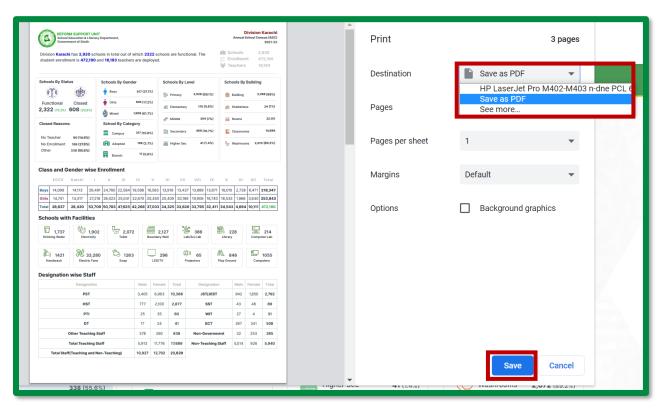
3. To print the divisional dashboard, click on Print.





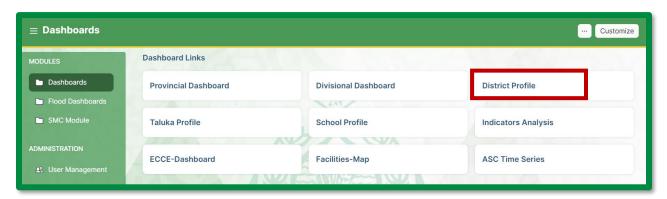
4. To save it as PDF, Click on Print, select destination Save as PDF and click on Save.





### **District Profile**

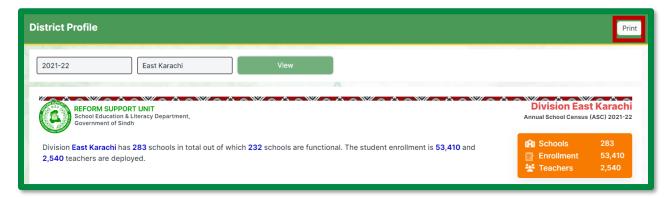
1. Click on District Profile.



2. Select year, district and click on View.

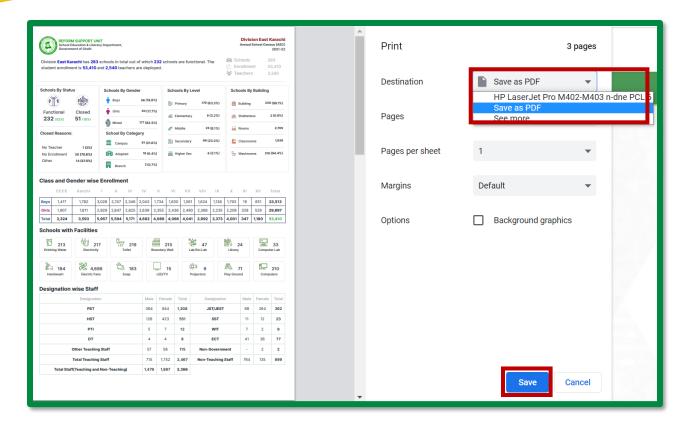


3. To print the district profile, click on **Print**.



4. To save it as PDF, Click on **Print**, select destination **Save as PDF** and click on **Save**.





### **Taluka Profile**

1. Click on Taluka Profile.

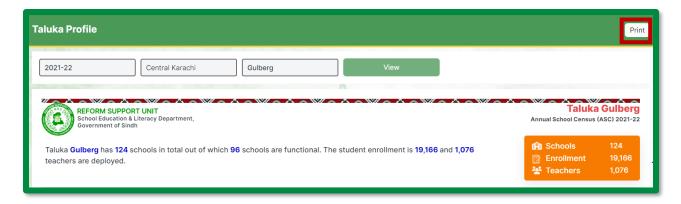


2. Select the year, district, taluka and click on View.



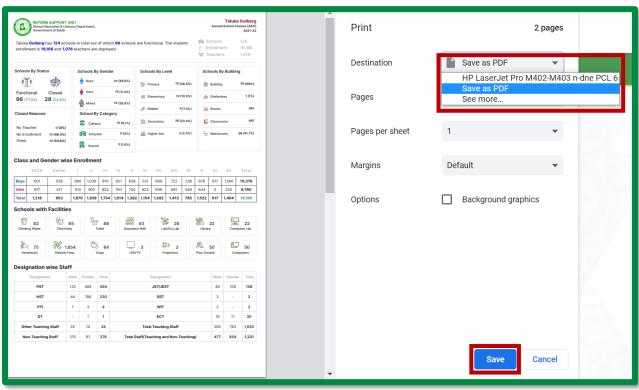
3. To print the Taluka Profile, click on **Print**.





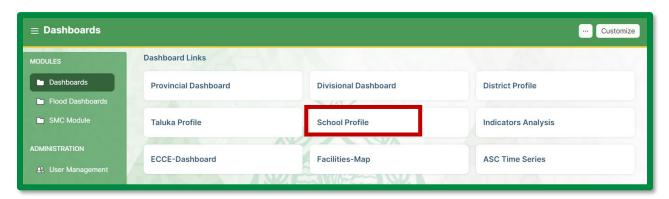
4. To save it as PDF, Click on Print, select destination Save as PDF and click on Save.



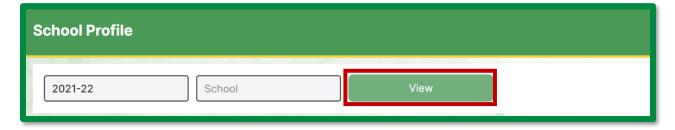


### **School Profile**

1. Click on School Profile.



2. Select the year, enter School's SEMIIS Code, and click on View.

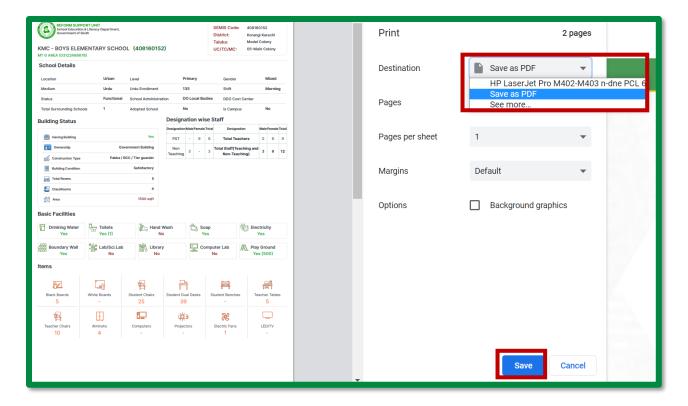


3. To print the School Profile, click on **Print**.



4. To save it as PDF, Click on **Print**, select destination **Save as PDF** and click on **Save**.





### **Trend Analysis**

1. Click on Indicators Analysis.



2. Select indicators from the drop-down list and apply filters to get a pivot table report to perform analysis.



3. Click on rows of the pivot table to select and apply filters from the drop-down list.



#### **How to Create Trends Chart**

1. Click on Indicators Analysis.



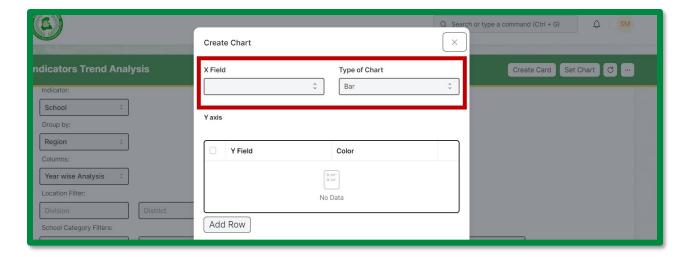
2. Select indicators from the drop-down list and apply filters to get a pivot table report to perform analysis.



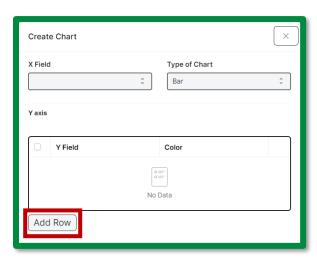
3. Click on **Set Chart** and select X-field and type of chart from the drop-down menu.

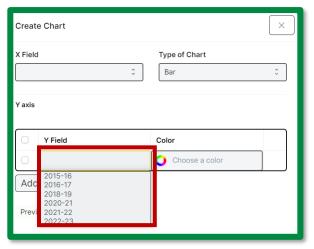




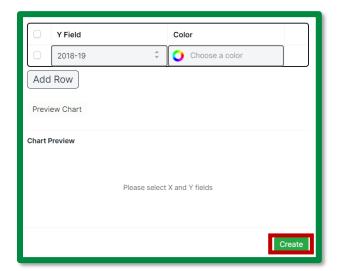


4. Click on **Add Row** to add Y Field. Select the field from the drop-down list.



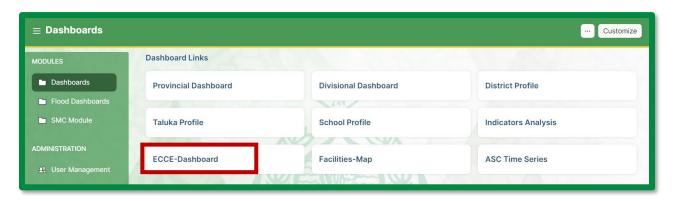


5. Click on Create.

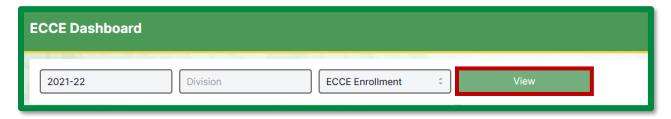


### **ECCE Dashboard**

1. Click on **ECCE Dashboard**.

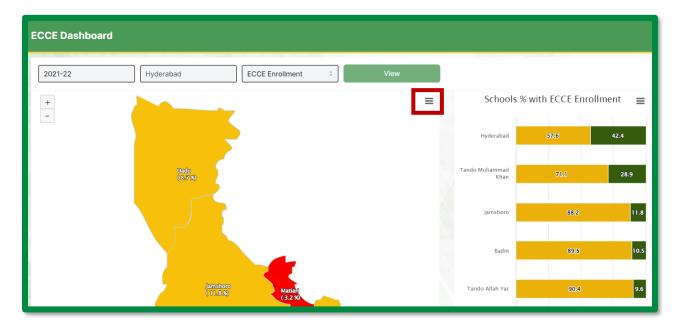


2. Select year, division, and ECCE detail and click on View.



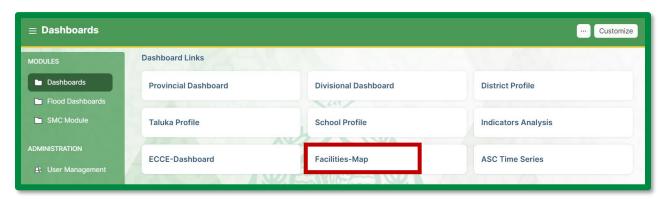
Skip the division to view the Provincial ECCE dashboard.

 Left side of the dashboard will show a visual representation of the ECCE data with map legends and the right side will show the ECCE data in numbers.
 Click on Menu to print/download the Map or view it in full screen.



### **Facilities Map**

1. Click on Facilities Map.

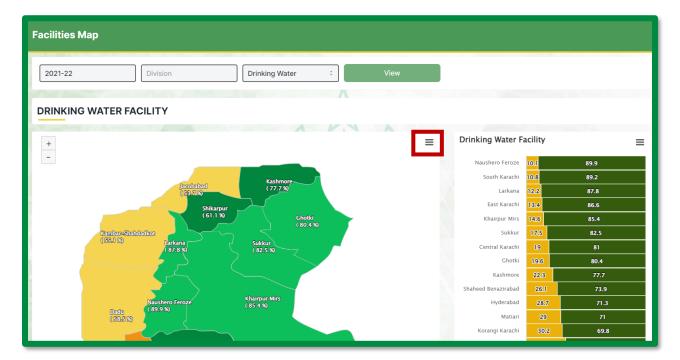


2. Select year, division, Facility and click on View.



Skip the division to view Provincial Facilities Map.

3. Click on Menu to print/download the Map or view it in full screen.

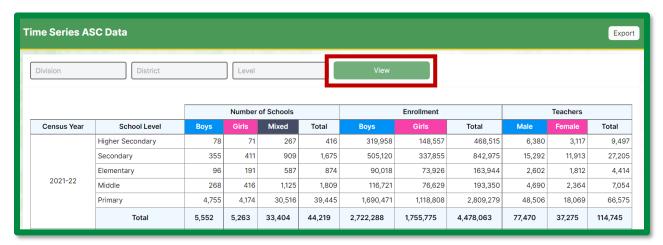


#### **ASC Time Series**

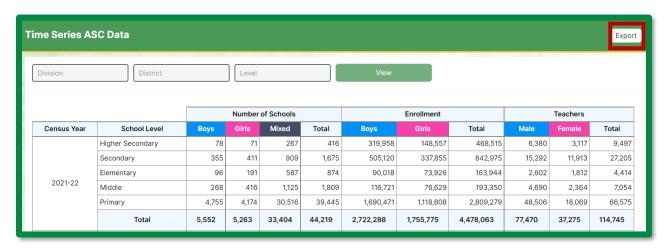
1. Click on ASC Time Series.



2. Opened page will show the provincial ASC Time Series data. Select Division, District, Level and click on **view** to get specified data.



3. Click on **Export** to download the data.



# CHAPIER 3

# SIMIC WEB PORTAL

# **TOPICS TO BE COVERED**

**Creating and Editing SMC Roster** 

**Creating & Editing SMC Configuration Panel** 

**Creating & Editing SMC Application Form** 

**Changing Status of SMC Form** 

**SMC Dashboard** 

**SMC Allotment Tool** 

# **SCHOOL MANAGEMENT COMMITTEE (SMC) SECTION**

Click on **SMC Section** under **MODULES** on the left side of the Dashboard to access the SMC roster, forms, and lists.



#### **New SMC Roster**

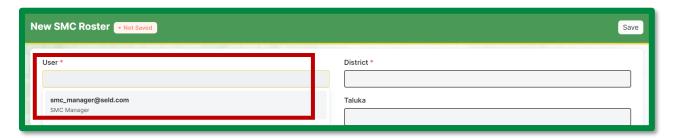
1. Click on SMC Roster.



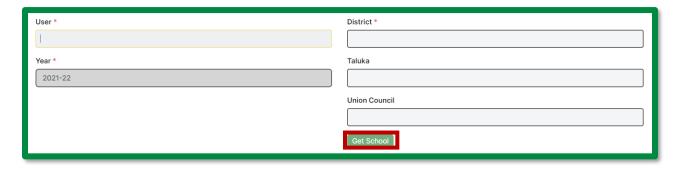
2. Click on Add SMC Roster.



3. Select DIO User from the drop-down list.



4. Select District, Taluka, Union Council and click on **Get School** to get a list of selected UC.

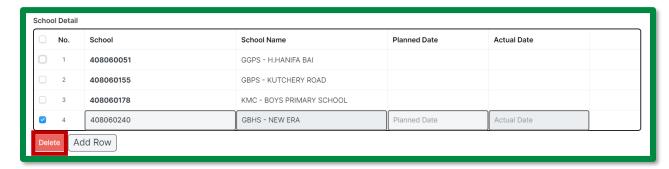


To select schools of the whole Taluka, skip the Union Council option.

Skip both Taluka and Union council options to get a list of schools from the whole district.

Skip step 5 to directly save and create the Roster.

5. To delete a school from the list, select the school and click on delete.



To add more schools to the list, click on **Add Row**, write SEMIS code, and select school.



6. Click on Save.



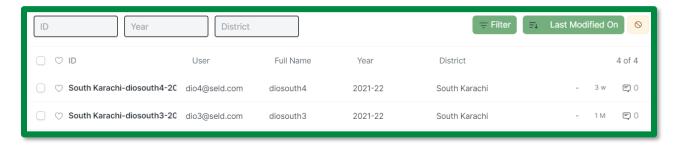


#### **How to Edit SMC Roster?**

1. Click on SMC Roster.



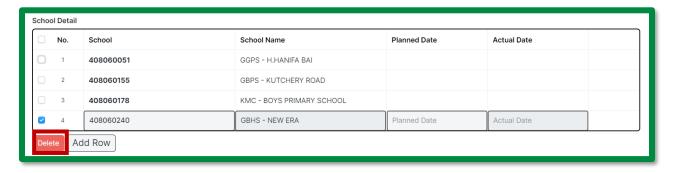
2. Click on Roster **ID** to open it.



3. To add schools – click on **Add Row**, write SEMIS code, and select school.



To Delete a school – select the school from the list and click on **delete**.



4. Click on Save.



#### **SMC Configuration Panel**

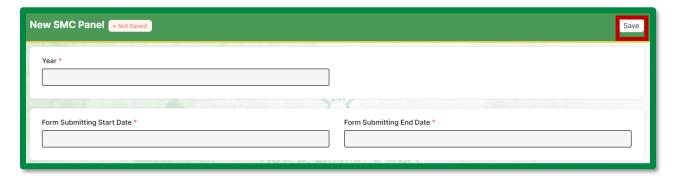
1. Click on SMC Configuration Panel.



2. Click on Add SMC Panel.



3. Select year, form submitting start & end date, Rate per school/student, and click save.



#### **How to Edit SMC Panel**

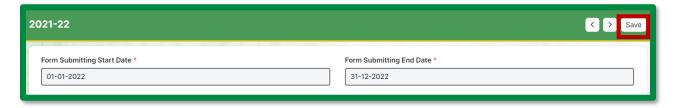
1. Click on SMC Configuration Panel.



2. Click on the **SMC ID** of the current year.



3. Edit the SMC panel and click Save.

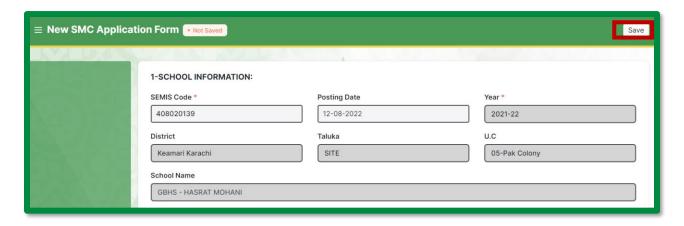


#### **New SMC Application**

1. Click on Add New SMC Application.



1. New form will open. Edit the form as per the guidelines provided and click Save.



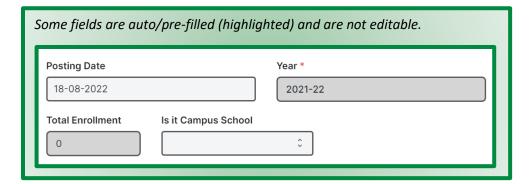
#### **SMC Application Form – Instructions**



Multiple SMC Application forms cannot be created for same year/SEMIS code.

• Message

SMC Application Form against this SEMIS Code is already exist for select year



Form will not be submitted if the following mandatory fields are empty.

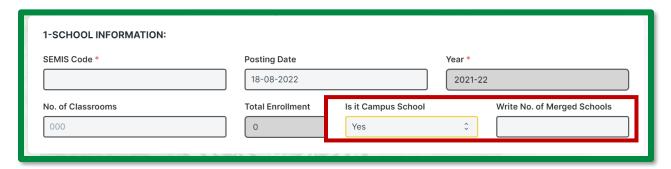
- Account Title
- Bank Name
- SMC Fund as June (Last year) Received
- Head teacher (Secretary Name)
- Head Teacher CNIC
- Head Teacher Cell #
- Chairperson/Chairman name
- Chairperson CNIC
- Chairperson Cell #



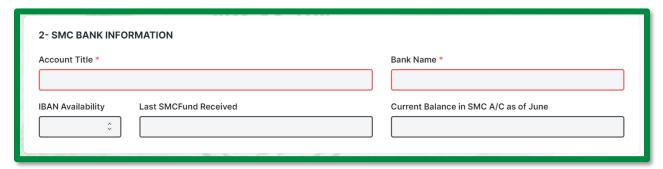
## 1 School Information

1-SCHOOL INFORMATION:	Α		
SEMIS Code *	Posting Date	Year *	
	18-08-2022	2021-22	
No. of Classrooms	Total Enrollment Is it Car	mpus School	
000	0	\$	

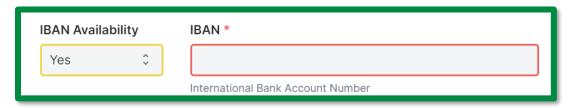
If the user select Yes under the "Is it Campus School" option, the system will ask for "No. of Merged Schools".



2 SMC Bank Information

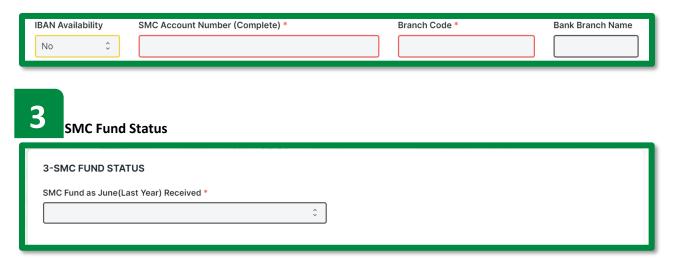


If the user selects Yes under the "IBAN Availability" option, the system will ask for "IBAN Number".





If the user selects No under the "IBAN Availability" option, the system will ask for Account details.



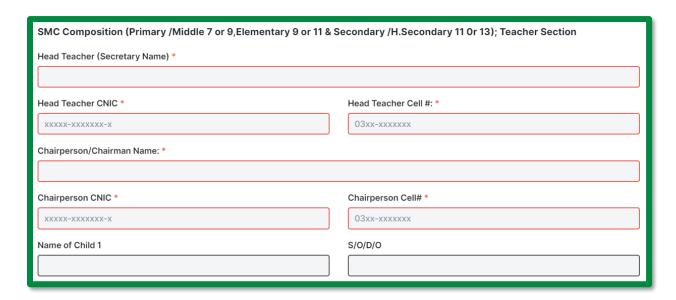
If the user selects Yes under the "SMC Fund as June (Last Year) Received" option, the system will ask for "Amount in Rs".



### 4 Expenditure Details

4-EXPENDITURE DETAIL(up to 50% of SMC Funds for Infrastructure Maintenance, Remaining 50% For Learning Teaching Material, Covid Essentials)					
(i) Infrastructure Maintenance (Total Amount)  (ii) Learning / Teaching Material (Total Amount)  Covid Essentials Items					
(a) Sanitizers (Total Amount)  0.00	(b) Soaps (Total Amount)	(c) Washable Face Mask (Total Amount)	(d) Room Disinfectants (Total Amount)		

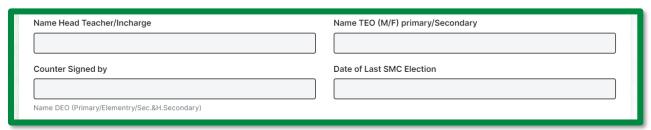
5 SMC Composition



There should be a minimum of **7** and a maximum of **9** SMC Committee members in Primary/Middle School.

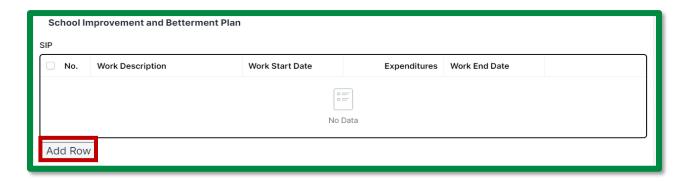
There should be a minimum of **9** and a maximum of **11** SMC Committee members in Elementary School. There should be a minimum of **11** and a maximum of **13** SMC Committee members in Secondary/H.Secondary School.

6 Stamping & Signing



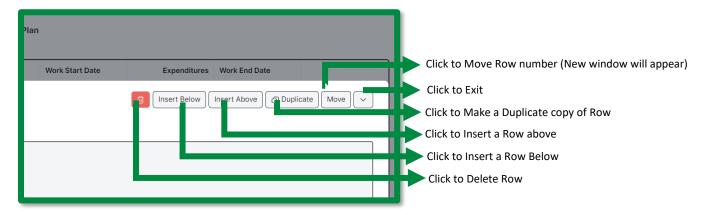
School Improvement and Betterment Plan

Click on Add Row to add details.





Click on the Row number to edit it separately.



To Delete a row, select it by clicking on the box in the first column on the left side and select **Delete**.



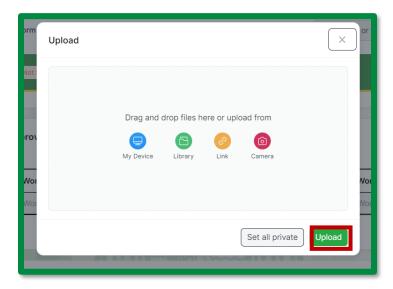
8 Attachments

Click on Attach

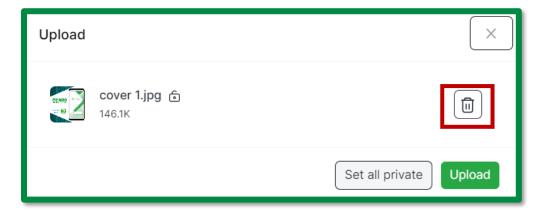




#### Select the file and click Upload



Click on the **trash** icon to delete the Attached file or click on upload.



#### **How To Edit or Submit a SMC Application Form?**

1. Click on SMC Application List to access saved and submitted SMC application forms.



2. Click on the **Form ID** to access it or write the SEMIS code of the school to get a specific school's SMC form.



To submit the form directly, skip STEP 3.



3. Edit the form and click on **Save** to save the changes.



4. Click on **Submit** to submit the form.



#### **How To Delete a SMC Application Form?**

1. Click on SMC Application List.



2. Select the form by clicking on the first column from the left. (To select a specific school's form, write its SEMIS code in the given option)



3. Click on actions and select delete from the drop-down list.



#### How To Change the Status of a Submitted SMC Application Form?

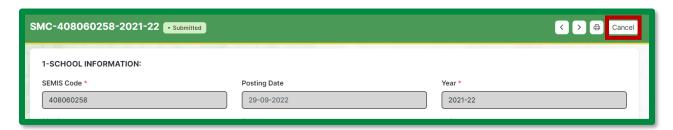
1. Click on SMC Application List.



2. Select the form and open it. (To select a specific school's form, write its SEMIS code in the given option)



3. Click on **Cancel** to change the status of a form, from submitted to editable.



#### **SMC Dashboard**

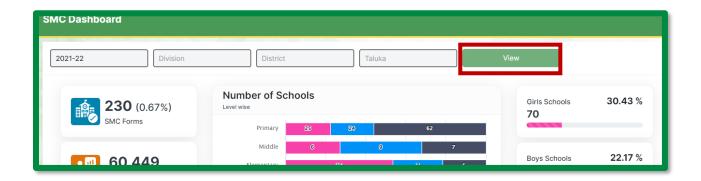
1. Click on SMC Dashboard.





2. Open page will show the provincial SMC dashboard with graphical reporting of total SMC Forms, number of enrolled students, total amount Disbursed, number of schools (level wise), and amount disbursement (level & gender wise)

To view a specific Division/District/Taluka's Dashboard, select Division/District/Taluka and click



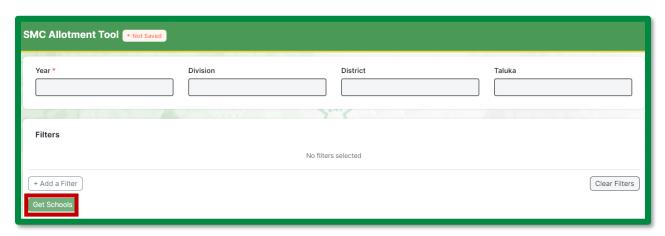
#### **SMC Allotment Tool**

on View.

1. Click on SMC Allotment Tool.



2. Select Year, Division, District, Taluka and click on **Get Schools** to get a school list of selected Taluka.



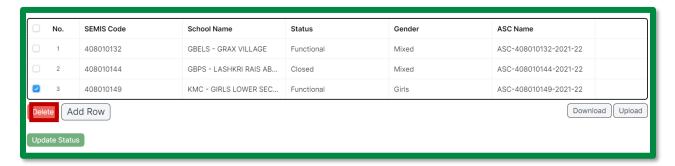


To select schools of whole the District, skip the Taluka option.

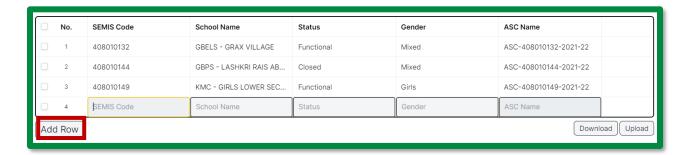
Skip both the Taluka and District option to get a list of schools from the whole division.

Skip step 3 to directly allot SMC to schools.

3. To delete a school from the list, select the school and click on delete.



To add more schools to the list, click on Add Row, write SEMIS code, and select school.



4. Click on Update Status.



# CHAPTER 4

# SIVICS REPORTS

#### **TOPICS TO BE COVERED**

**SMC School List** 

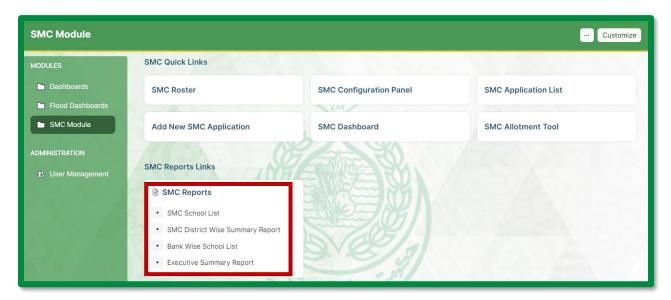
**SMC District Wise Summary** 

**Bank Wise List** 

**Executive Summary Report** 

#### **SCHOOL MANAGEMENT COMMITTEE (SMC) REPORTS**

SMC Reports are below SMC Quick Links in the SMC Section.



#### **SMC School List**

1. Click on **SMC School List** under SMC Reports.



2. Overall SMC school List will open. Select Division, District, Taluka from the drop-down menu to get SMC School List.

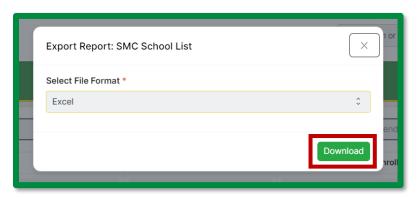


#### **How to Export the Report?**

To export the report, click on the Menu option and select **Export**.



Select the file format from the drop-down menu (Excel or CSV) and click on Download.



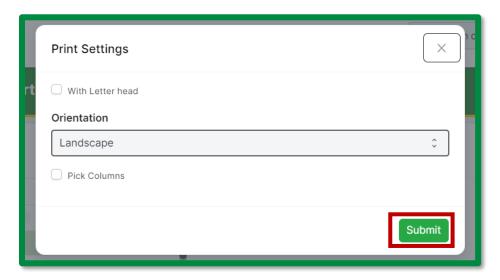
#### How to save the Report in PDF?

To save the report in PDF, click on Menu and select PDF.





Select the orientation of the PDF file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.

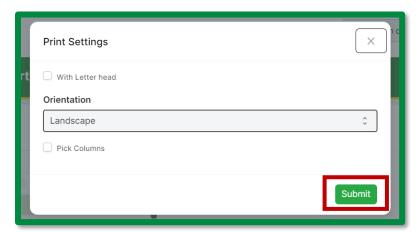


#### **How to Print Report?**

To print the report, click on the Menu option and select **Print.** 



Select the orientation of the Print file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.

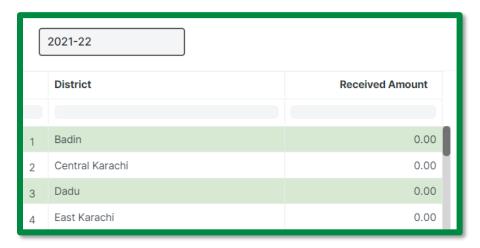


#### **SMC District Wise Summary Report**

1. Click on SMC District Wise Summary Report under SMC Reports.



2. SMC District Wise Summary Report will open with details of the received amount.

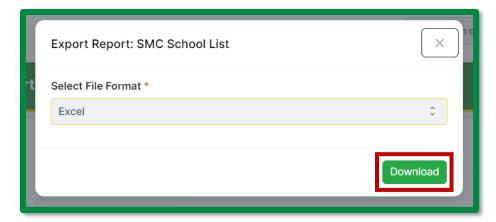


#### **How to Export Report?**

To export the report, click on the Menu option and select **Export**.

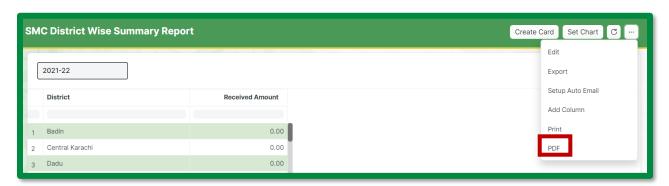


Select the file format from the drop-down menu (Excel or CSV) and click on **Download.** 

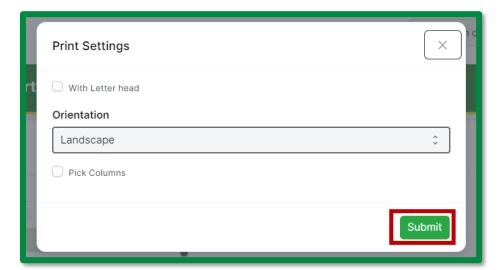


#### How to save the Report in PDF?

To save the report in PDF, click on Menu and select PDF.

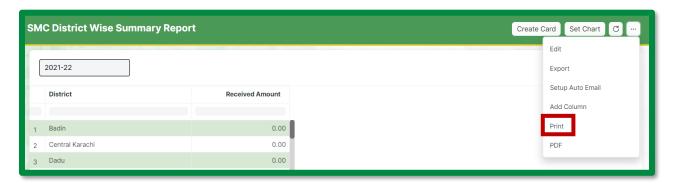


Select the orientation of the PDF file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.

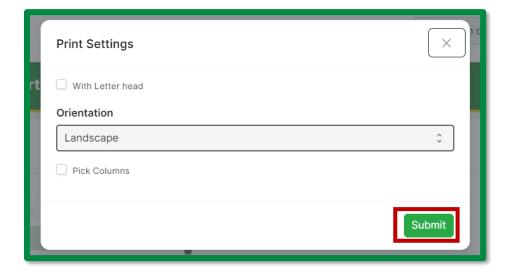


#### **How to Print Report?**

To print the report, click on the Menu option and select **Print.** 



Select the orientation of the Print file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.



#### **Bank Wise School List**

1. Click on Bank Wise School List under SMC Reports.

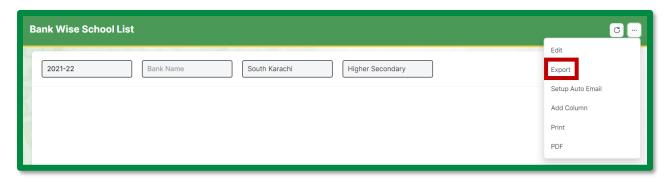


2. Set filters – Bank Name, School Level, and District from the drop-down menu.



#### **How to Export Report?**

To export the report, click on the Menu option and select **Export**.

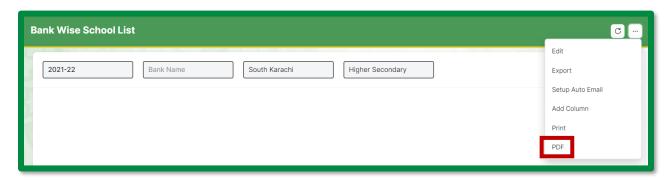


Select the file format from the drop-down menu (Excel or CSV) and click on **Download.** 

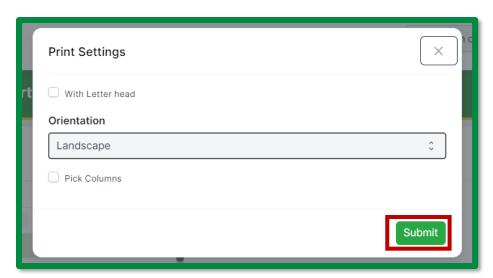


#### How to save the Report in PDF?

To save the report in PDF, click on Menu and select PDF.



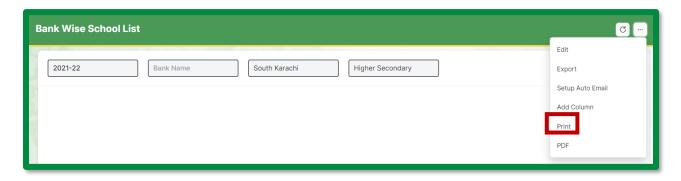
Select the orientation of the PDF file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.



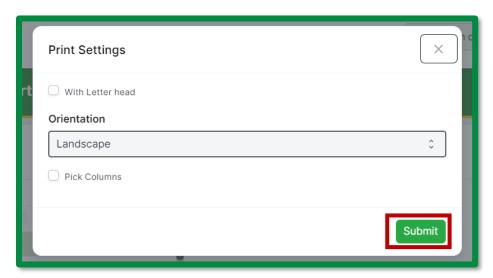
#### **How to Print Report?**

To print the report, click on the Menu option and select Print.





Select the orientation of the Print file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.

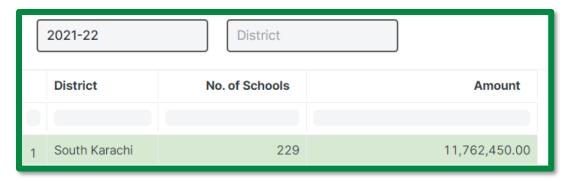


#### **Executive Summary Report**

1. Click on Executive Summary Report under SMC Reports.



2. Executive Report will open with No. of schools and the total Amount Received.



#### **How to Export Report?**

To export the report, click on the Menu option and select **Export**.



Select the file format from the drop-down menu (Excel or CSV) and click on **Download.** 



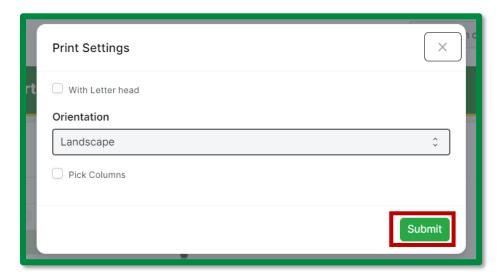
#### How to save the Report in PDF?

To save the report in PDF, click on Menu and select PDF.





Select the orientation of the PDF file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.



#### **How to Print Report?**

To print the report, click on the Menu option and select **Print.** 



Select the orientation of the Print file (Landscape OR Portrait), pick columns if any changes are needed in the report, and click **Submit**.

