

Student Attendance System

Desktop Engine
✕

This utility will allow users to manage the attendance machines and allow functions related to downloading and processing of attendance data

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**Available Attendance Machines**

Machine Name	Machine No	IP Address/DNS...	Port No	Subnet	Connect Flag	Delete ...
FC100 VAISHAL...	1	192.168.1.101	5005	255.255.25...	True	False
FC500 LAL KOTHI	2	192.168.1.103	5005	255.255.25...	True	False
FC500 SHASTR...	3	192.168.1.102	5005	255.255.25...	True	False
FC500 MANSAR...	4	192.168.1.104	5005	255.255.25...	True	False
FC100 A-2 LAL ...	5	192.168.1.105	5005	255.255.25...	True	False

+ Add New Machine

✎ Edit Selected

✖ Remove Selected

⚡ Check Connection

👤 Download Users

📄 Download Log Data

👤 Download ALL Machine Data

⚙️ Process Pending Logs

📄 Export Log Data

**Management Tasks**

📄 Show Logs

📦 Backup Data

📄 Restore Data

**Scheduled / Automated Task Settings**

🕒 Scheduled Task Configuration

📱 SMS Portal

Run Task Manually

🌐 Real Time Data Monitoring [Launch](#)

🌐 TAM Management Utility [Launch](#)

🌐 Product Licensing [Synchronize from Server](#) [View](#)

✖ Exit

*Desktop Engine utility is an integral part of Timelabs Professional and is tightly integrated to work together. Only system user can sign in to this utility and make use of the features available.*

*Since all the features provided in this utility are core system management only, it is available only to System User, which is only 1 user.*

The screenshot displays the TIMELabs Student Attendance System interface. The main window, titled "Desktop Engine", contains the TIMELabs logo and a description: "This utility will allow users to manage the attendance machines and allow functions related to downloading and processing of attendance data".

On the left, there is a table titled "Available Attendance" with the following data:

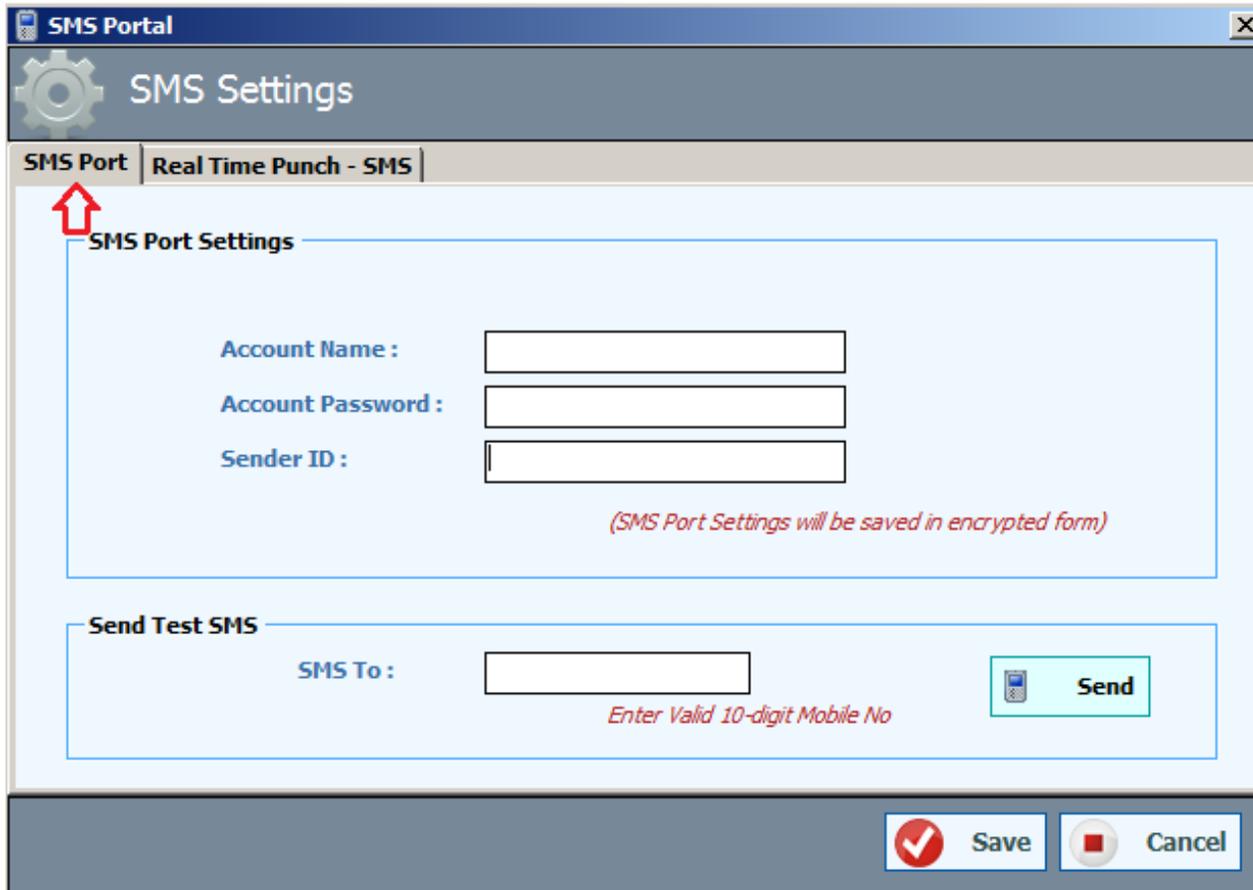
Machine Name	Ma
FC100 VAISHAL...	1
FC500 LAL KOTHI	2
FC500 SHASTR...	3
FC500 MANSAR...	4
FC100 A-2 LAL ...	5

Below the table are buttons for "Download ALL Ma" and "Management Tasks" (including "Show Logs"). At the bottom, there are links for "Real Time Dat" and "Product Licensing" (with sub-links "Synchronize from Server" and "View").

An "SMS Utility" window is open in the foreground, titled "TimelabsPro - SMS Utility". It features the TIMELabs logo and the text "Workforce Management... the easy". The window contains three radio button options: "SMS Configuration" (which is circled in red), "Send SMS", and "Login Portal". An "Exit" button is located at the bottom right of this window.

On the right side of the main interface, there is a vertical menu with buttons: "Add New Machine", "Edit Selected", "Remove Selected", "Check Connection", "Download Users", and "Download Log Data". At the bottom right, there is an "SMS Portal" button and another "Exit" button.

*When you click on the SMS Portal option button, you get to work with the parameters of integrating and sending SMS*



**SMS Portal**

**SMS Settings**

SMS Port | Real Time Punch - SMS

**SMS Port Settings**

Account Name :

Account Password :

Sender ID :

*(SMS Port Settings will be saved in encrypted form)*

**Send Test SMS**

SMS To :

*Enter Valid 10-digit Mobile No*

Configuration link on the previous screen allows users to configure the SMS Provider. Currently, only an inbuilt provider is integrated and cannot be changed. You need to specify the account username and password along with the sender ID. If you wish to test the settings, please specify a mobile number that is not registered under DND to send the SMS. It should be only the 10 digit mobile number.

The screenshot shows a web application window titled "SMS Portal" with a sub-header "SMS Settings". Below this, there are two tabs: "SMS Port" and "Real Time Punch - SMS", with the latter being selected. A red arrow points to the "Real Time Punch - SMS" tab. The main content area is titled "Real Time Punch - SMS" and includes a sub-note: "(It will send SMS to all punch at defined Time Interval)". There is an unchecked checkbox labeled "Activated". Below this is a "Time Interval for Sending Message" field with a spinner control showing the value "0". There are two text input fields: "Message Template for InTime" and "Message Template for outTime", each with a "Set" link to its right. At the bottom of the window, there are "Save" and "Cancel" buttons.

*Real Time punch tab for sending SMS allows the users to configure the SMS template and whether the real time SMS sending is enabled or not. If enabled, it will ask for the interval for sending SMS. You can set only one template for In-time / Out Time*

SMS Portal

### SMS Settings

SMS Port Real Time Punch - SMS

#### Message Template for Online SMS

Select Field : EmployeeName  
PunchTime  
PunchMode  
EnrollNo (Double Click to Insert field in message)

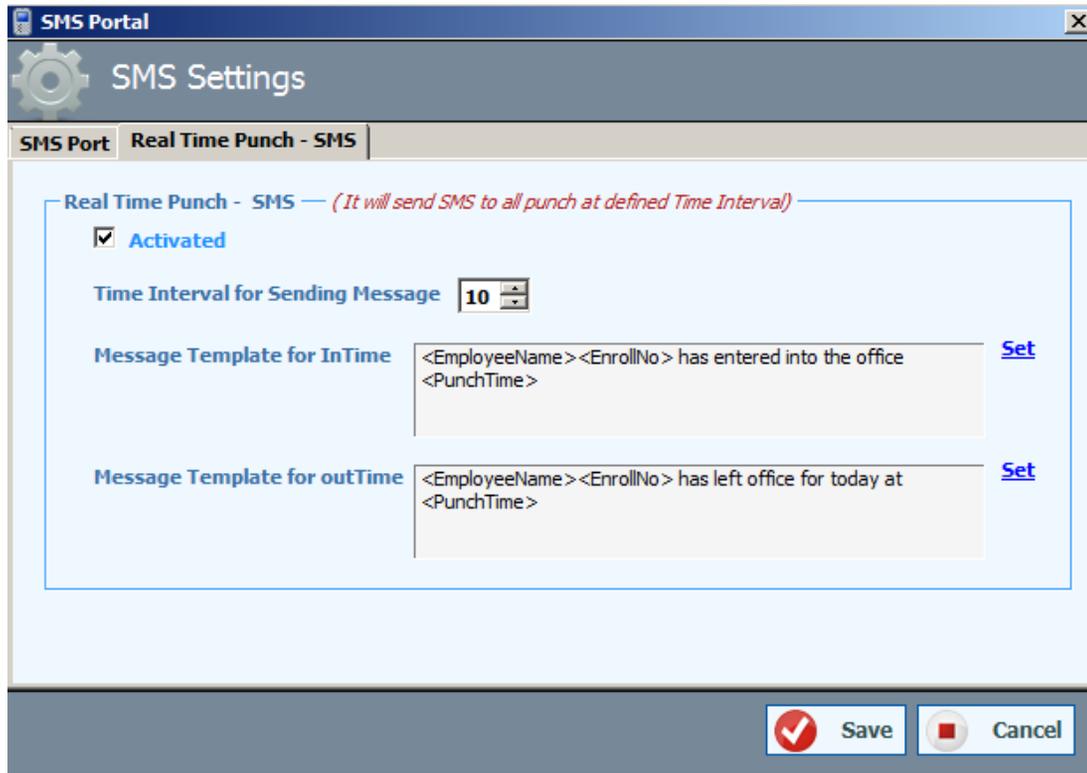
SMS :  
<EmployeeName><EnrollNo> has entered into the office at <PunchTime>

Set Set

→ Set ⓧ Cancel

✔ Save ⓧ Cancel

When you click on SET link button, it brings you the screen which contains the choice of variable fields that can be put into the SMS.



The screenshot shows a software window titled "SMS Portal" with a sub-header "SMS Settings". Below this, there are two tabs: "SMS Port" and "Real Time Punch - SMS". The "Real Time Punch - SMS" tab is active and contains the following settings:

- Real Time Punch - SMS** — *(It will send SMS to all punch at defined Time Interval)*
- Activated**
- Time Interval for Sending Message**: 10 (with a dropdown arrow)
- Message Template for InTime**: <EmployeeName><EnrollNo> has entered into the office <PunchTime> (with a "Set" link)
- Message Template for outTime**: <EmployeeName><EnrollNo> has left office for today at <PunchTime> (with a "Set" link)

At the bottom of the window, there are two buttons: "Save" (with a red checkmark icon) and "Cancel" (with a red square icon).

*After you have set the message template and the SMS portal account settings, you are now good to go for sending automated SMS at a given interval to the parent (or any given mobile No) associated with the enrollment number.*

*When you activate real time punches, it works in close combination with Real time Data collector utility that needs to run in the background to collect any punches.*

SMS Portal

SMS Settings

SMS Port Real Time Punch - SMS

SMS Port Settings

Account Name : TLPro

Account Password : Password

Sender ID : TLPro

(SMS Port Settings will be saved in encrypted form)

Send Test SMS

SMS To :

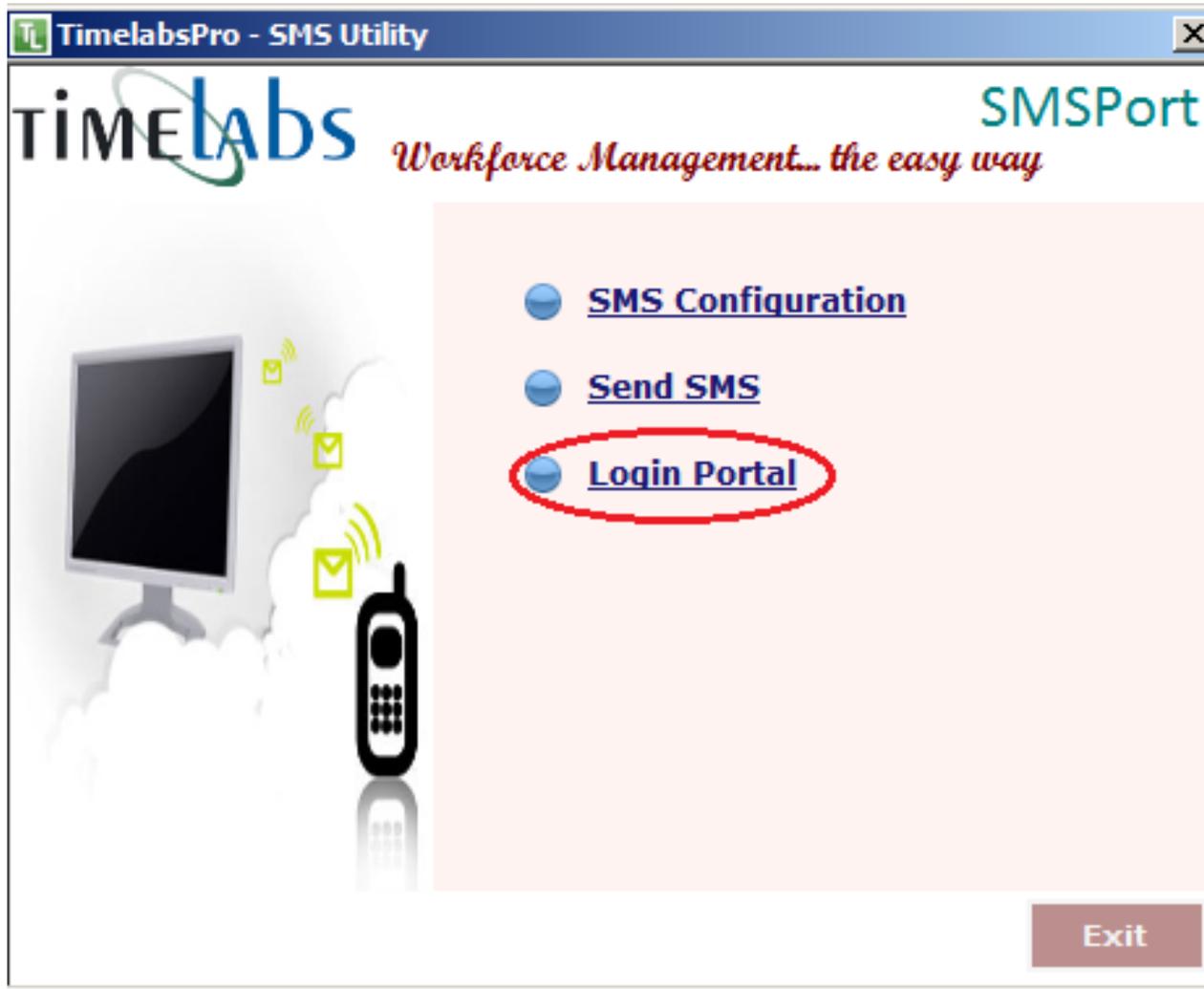
Enter Valid 10-digit Mobile No

Send

Save Cancel



When you send a test message after specifying all the settings, you will get a confirmation message like shown below in the coming screen.



*There is also an inbuilt portal that will be provided to the end users to manage and check their usage of SMS*

Username

Password

Remember Me

A red rectangular button with a white left-pointing arrow icon on the left and the word "Login" in white text on the right.

*Specify the login name and  
password t enter into the sms  
portal*

**Student Attendance System**

QUICK SEND SEND UNICODE CUSTOMIZE SMS SENT ITEMS MANAGE GROUP MANAGE LOGOUT

Date & Time : 05 May, 2012 : 14:03 PM Available Credits: 14 SMS

**To Mobile No:**

1 Type Numbers

one Number each line

Type Numbers (Type just the phone no's in each line)

Count Numbers

**List of Groups**

<input type="checkbox"/> Parent Mobile (0)
<input type="checkbox"/> School (2)
<input type="checkbox"/> School I (0)
<input type="checkbox"/> members (0)

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**Sender ID :**

**Templates :**

**Message :**

Flash
 

2 Type Message

3 Press Send

You can also schedule sms by clicking on Schedule this SMS

Max 459 Chars

Import from .txt, .xls and .csv files

After successful login, users will be able to manage their account using the settings and links in the portal

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Desktop Engine

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Add New Machine  
 Edit Selected  
 Remove Selected  
 Check Connection  
 Download Users  
 Download Log Data

Download ALL Machine Data  
 Process Pending Logs  
 Export Log Data

**Management Tasks**

Show Logs  
 Backup Data  
 Restore Data

**Scheduled / Automated Task Settings**

Scheduled Task Configuration  
 SMS Portal  
 Run Task Manually

Real Time Data Monitoring [Launch](#)  
 Product Licensing [Synchronize from Server](#) [View](#)  
 TAM Management Utility [Launch](#)

Exit

Now, there are two ways to run the SMS utility, either in Real Time mode for sending SMS as soon as there is a punch available, as explained above or in a pre-scheduled mode at a given time which will only send SMS to daily absentees. For this we can either schedule a task to run at a given time or run the scheduled task manually.

## Student Attendance System

**Settings**

**Scheduled / Automated Task**

AutoTask Exist:  Enable:  Status:

**SMTP Server** **Automated Task/Mail Settings**

**SMTP Settings**

SMTP Host Name :

Account User Name :

Account Password :

Email From :

Name From :

*(SMTP Settings will be saved in encrypted form)*

**Send Test Mail**

Email To :

**Scheduled / Automated Task**

AutoTask Exist:  Enable:  Status:

*Here are the settings that would need to be configured for setting up daily scheduled task.*

*Click on create task button to start the process.*

Student Attendance System

**Windows Authentication Details** [X]

**System Authentication**

Local Work Group     Domain User

Domain Name

Computer Name

Account Name

Account Password

*(System Authentication Details will not be saved anywhere)*

**Authenticate**     **Close**

**Scheduled Task** [X]

**Task Details**

Schedule Name

Start Date/Time

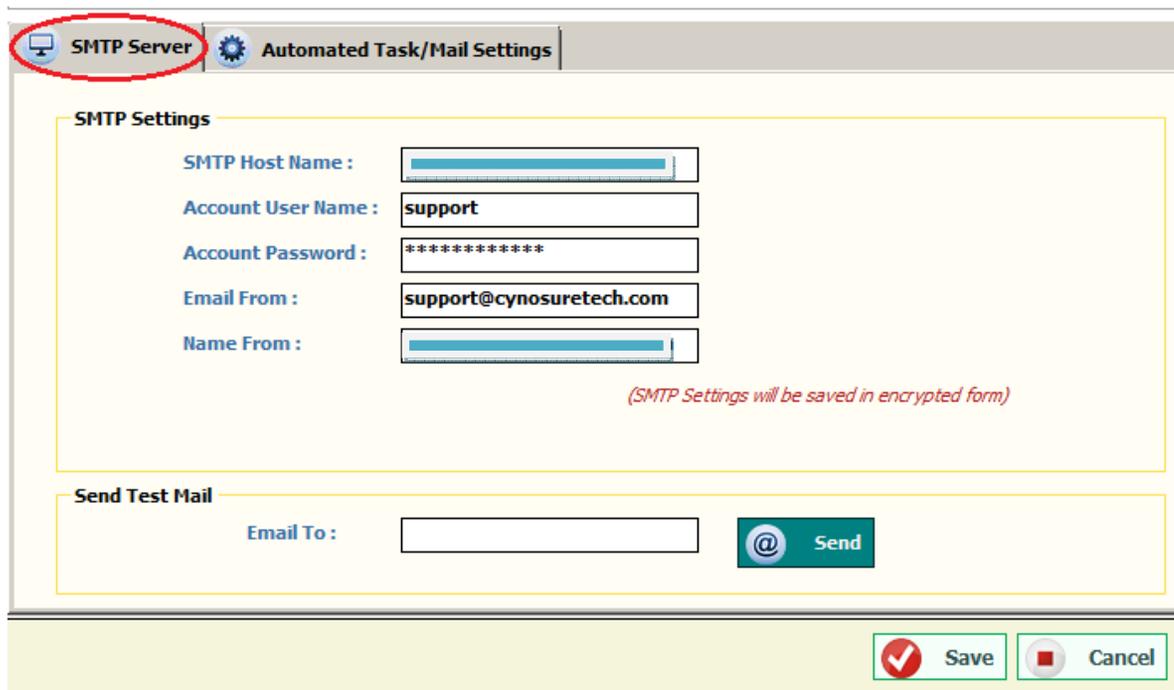
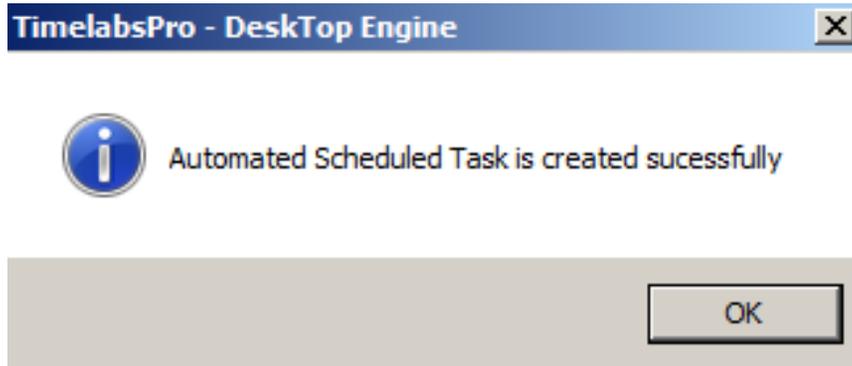
**Save**     **Cancel**

*Scheduled task always needs to run under the admin privileges.*

*If your computer is part of a workgroup, select workgroup or if part of domain select domain.*

*Specify the details of account that will be used to configure the autotask function. Make sure that this user is part of administrator group.*

*Specify a schedule to run the task*



**SMTP Server** Automated Task/Mail Settings

**SMTP Settings**

SMTP Host Name :

Account User Name :

Account Password :

Email From :

Name From :

*(SMTP Settings will be saved in encrypted form)*

**Send Test Mail**

Email To :  @ Send

Save Cancel

*Once the task is created successfully, you will get the following message prompt.*

*You can also specify the SMTP server to send daily report after the SMS is being sent. This is only applicable in case of SMS for Absentees.*

## Student Attendance System

SMTP Server **Automated Task/Mail Settings**

Perform following Tasks after auto downloading of data

- 1. Download Enroll & Log Data from Attendance Machine
- 2. Process downloaded data into Timelabs Software
- 3. Automated Mail for Daily Report  
Specify Mail ID
- 4. Send Auto SMS to Absentee(s)  
SMS Template  [Set](#) ↑

SMS will be sent on Mobile number mentioned in the employee details section.

System will send automatic SMS for absentees only if the SMS Add-on feature pack is purchased separately.

Save  Cancel

*The following settings need to be configured for finalizing the auto task options.*

*This section also allows the users to set up template for Absentee Message type.*

Message Template for Online SMS

Select Field :

- Branch
- Department
- EmployeeCode
- EmployeeName
- Designation
- Date
- Status

SMS :

Dear Sir,

<EmployeeName> from department <Department> is absent today on <Date> in the organization

CTPL Jaipur

(Double Click to Insert field in message)

→ Set    ⓧ Cancel

*SMS Template options are available here*

SMTP Server | Automated Task/Mail Settings

Perform following Tasks after auto downloading of data

- 1. Download Enroll & Log Data from Attendance Machine
- 2. Process downloaded data into Timelabs Software
- 3. Automated Mail for Daily Report

Specify Mail ID

- 4. Send Auto SMS to Absentee(s)

**SMS Template** [Set](#)

Dear Sir,

<EmployeeName> from department <Department> is absent today in the organization.

SMS will be sent on Mobile number mentioned in the employee details section.

System will send automatic SMS for absentees only if the SMS Add-on feature pack is purchased separately.

Once set, the message will appear in the text area as shown in the circle.

Save the settings to continue.

You have now successfully setup the setup functionality for sending REAL TIME SMS and also send SMS TO DAILY ABSENTEE.