



PGC Teacher Portal API Document

Request Parameter that would be fixed with every call are

- 1) Application Version.
- 2) Application Name.
- 3) Device Id.
- 4) Session Id.

(1) Function Name: **PGC_Teacher_Login**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
User_name	String	This parameter describes specific user name
User_Password	String	This parameter describes specific user password

Response:

User Name,
Time & Date,
User Access Level
//Campus Name
Teacher ID
Session ID

(2) Function Name: **get_calass_attendance:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name

Response:

```
Teacher classes [  
  Class Name {  
    Part,  
    Lecture No,  
    Date & Time,  
    Section,  
    Campus Name,  
    Room No,  
    Class Name,  
    Subject,  
    Program Name  
  }  
]
```

(3) Function Name: **get_attendance_lecture:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Subject_name	String	This parameter describes teacher subject name.
Lecture No	String	This parameter describes teacher lecture No
Section Name	String	This parameter describes teacher Section

Response:

Get class all student,
Campus Name & Address,
Subject Name,
Section Name,
Lecture Date & Time,
Student Count,
Teacher Name,

(4) Function Name: **submit_attendance**:

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Subject_name	String	This parameter describes teacher subject name.
Lecture No	String	This parameter describes teacher lecture No
Section Name	String	This parameter describes teacher Section
Students Name with attendance status	String	This parameter describes all student's attendance status.

Response:

Get class all student,
Campus Name & Address,
Subject Name,
Section Name,
Lecture Date & Time,
Student Count,
Teacher Name,

(5) Function Name: **get_attendance_report:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Subject_name	String	This parameter describes teacher subject name.
Lecture No	String	This parameter describes teacher lecture No
Section Name	String	This parameter describes teacher Section
Date From	String	This parameter describes date from which records start.
Date To	String	This parameter describes date to which records end.

Response:

```
Student[
  Student_Name{
    Roll No;
    Absent Count;
    Attendance_Days[
      Date{
        Status; // absent,present,leave
      }
    ]
  }
]
```

```
}}

Campus Name,
Campus Address,
Campus No,
Room No,
Lecture Slot;
```

Subject Name,
Section Name,
Lecture Date & Time,
Student Count,
Teacher Name,

(6) Function Name: **get_students_from_id:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student id (5 charactors).
Section Name	String	This parameter describes teacher Section

Response:

```
Student[
  Student_Name{
    Roll No;
  }
]
```

(7) Function Name: **get_students_from_Name:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_Name	String	This parameter describes Student Name (5 charactors).
Section Name	String	This parameter describes teacher Section

Response:

```
Student[
  Student_Name{
    Roll No;
  }
]
```

(8) Function Name: **get_student_monthly_info:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.
Section Name	String	This parameter describes teacher Section

Response:

```
Attendance_report[
Month_Name{
    Part;
    Start_Date;
    End_Date;
    Attendance_Percentage;
    Running_Percentage;
    Absent_Count;
    Leave_Count;
}]
```

(9) Function Name: **get_student_month_absent_info:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.
Section Name	String	This parameter describes teacher Section
Month	String	This parameter describes Month of attendance
Part	String	This parameter describes Part

Response:

```

Attendance_report[
  Sr_no{
    Part;
    Start_Date;
    End_Date;

  }
  Student_ID;
  Student_Name;
  Program_Class;

```

(10) Function Name: **get_student_month_Leave_info:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_Id	String	This parameter describes IMEI
Session_Id	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.
Section Name	String	This parameter describes teacher Section
Month	String	This parameter describes Month of attendance
Part	String	This parameter describes Part

Response:

```
Attendance_report[
Sr_no{
  Part;
  Start_Date;
  End_Date;
  Remarks;
  Leave_Type;
}
Student_ID;
Student_Name;
Program_Class;
```

(11) Function Name: **Update_student _Leave:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.
Date_From	String	This parameter describes Date from leave
Date_To	String	This parameter describes Date To Leave
Remarks	String	This parameter describes Updated Remarks
Leave Type	String	This parameter describes updated Leave type

Response:

Student_ID;
Student_Name;
Program_Class;

Status;

(12) Function Name: **Delete_student_Leave:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.
Date_From	String	This parameter describes Date from leave
Date_To	String	This parameter describes Date To Leave

Response:

Student_ID;
Student_Name;
Program_Class;

Status;

(13) Function Name: **Add_student _Leave:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.
Student_Name	String	This parameter describes Date from leave.
Leave_Type	String	This parameter describes Date To Leave.
Section Name	String	This parameter describes Section Name.
Date From	String	This parameter describes Date from.
Date To	String	This parameter describes Date to.
Remarks	String	This parameter describes remarks.

Response:

Student_ID;
Student_Name;
Program_Class;

Status;

(14) Function Name: **Day_Close_Sms_View:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name

Response:

```
Attendance_report[
  Sr_no{
    Program;
    Shift;
  }
]
```

(15) Function Name: **Day_Close_Sms_Send:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Programs[]	String[]	To send SMS to programs
Shift[]	String[]	To send to Shift of program

Response:

Status;

(16) Function Name: **Exam_Reports_View:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name

Response:

Sections [];

Exams[];

(17) Function Name: **Exam_Subject_Reports_View_clicked:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Section		
Exam		

Response:

```

Section Name;
Subjects[
  Subject_Name{
    Total_Subject_Marks;
  }
]
Exam_report[
  Sr_no{
    Roll_No;
    Student Name;
    Subjects_score[
      Subject_Name{
        Obtained_Marks;
      }
    ]
    Total;
    %Age;
    Remarks;
    Grade;
  }
]

```

(18) Function Name: **Exam_Section_Reports_View:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Section		
Exam		

Response:

```
Exam_Type;
Subject_Names[];
```

```
Exam_report[
  Section{
    Subjects_score[
      Subject_Name{
        Failed_count;
        Absent_Count;
      }
    ]
  }
]
```

(19) Function Name: **Delete_student_Leave:**

Response:

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Student_ID	String	This parameter describes Student ID.

Response:

```
Exam_Result [
  Section_Name;
  Exam_Type;
  Campus_Name;
  Program;
  Academic_Term;
```

```
  Student {
    Student_ID;
    Student_Name;
    Student_Attendance;
    Subject_Name;
    Subject_Marks;
```

```
  }
```

```
]
```

(20) Function Name: **get_section_subjects:**

Response:

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Section_ID	String	This parameter describes Section ID.
Campus_ID	String	This parameter describes Campus ID.

Response:

```
Subjects [  
  Subject_Name;  
  Subject_ID;  
]
```

(21) Function Name: **get_subject_exam_students:**

Response:

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Teacher_ID	String	This parameter describes specific user name
Section_ID	String	This parameter describes Section ID.
Campus_ID	String	This parameter describes Campus ID.
Subject_ID	String	This parameter describes Subject ID.

Response:

```
Students [  
  Student_Name;  
  Student_ID;  
]
```

(22) Function Name: **save_subject_students_exam_marks:**

Parameter Name	Parameter Type	Description
Application_Version	String	This parameter defines Application Version (1.2,.13)
Application_Name	String	This parameter describes Application Name (Teacher)
Device_ID	String	This parameter describes IMEI
Session_ID	String	This session id describes unique login session id
Total Marks	String	Total Marks of a particular subject exam.
Teacher_ID	String	This parameter describes specific user name
Section_ID	String	This parameter describes Section ID.
Campus_ID	String	This parameter describes Campus ID.
Subject_ID	String	This parameter describes Subject ID.
Student_IDs[]	String []	This is an array of all students ID's to save
Student_marks[]	String []	This is an array of all students marks against IDs to save

Response:

Status