**Web Service to be consumed by Universities**

Web service will be used by Universities to send Student Result data.

**The request and response will be in JSON format.**

**Type**: REST Web Service

**Live URL**: <https://unidata.karnataka.gov.in:8080/UniAPI>

**ContentType:** application/json

Web Methods

**1**. Get University Marks/Result Data for 2324

### Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | URL/api/Push\_University\_Marks\_Data\_2324/ |

### INPUT Parameters for the request JSON

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Data Type** | **Values** |
| SSP\_Student\_ID | bigint | SSP Student Registration Id Ex:- 20210000001(11 Digits) **(Mandatory)** |
| Student\_Name | Varchar (200) | **(Mandatory)** |
| University\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| University\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| University\_Registration\_Number | Varchar (100) | **(Mandatory)** |
| UG\_PG | Varchar (2) | **(Mandatory)** |
| Previous\_Course\_Passed\_Year | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_University\_Code | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_University\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_College\_Code | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_College\_Name | Varchar (500) | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_Course\_Code | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_Course\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_Discipline\_Code | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_Discipline\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| Previous\_Year\_Course\_Year | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_Seat\_Type\_Code | INT | Master Provided**(Mandatory)** |
| Previous\_Year\_SSP\_Seat\_Type\_Name | Varchar (200) | Master Provided**(Mandatory)** |
| Previous\_Year\_Max\_Marks | INT | **(Mandatory)** |
| Previous\_Year\_Obtained\_Marks | INT | Previous\_Year\_Obtained\_Marks  should not be more than  Previous\_Year\_Max\_Marks  **(Mandatory)** |
| Previous\_Year\_Percentage\_Obtained | Numeric (5,2) | Pass exact Percentage (calculate before passing) **(Mandatory)**  Ex: - 75.20 |
| PASS\_or\_FAIL | Char (1) | If PASS then 'P' else 'F' **(Mandatory)** |
| Promoted | Char (1) | If Promoted then 'Y' else 'N' **(Mandatory)** |
| Percentile | numeric (5, 2) | **Mandatory** for PUC university only. |

**\*Note**: All Parameter values are mandatory and do not send Null values

### Output Parameters for the response JSON

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Data Type** | **Values** |
| Status\_code | INTEGER | 1 or 0 |
| Status | STRING | Success or Failure |
| Message | STRING | Marks data saved Successfully. 3 Records Inserted **(or)** Error Message like Invalid Resource System etc., |
| Status\_message | STRING | List of Records with all data either success or failure data or both success and failure |

Example:

**Headers**: UserId : Pass University Admin user Id (Unidata Portal New User Id)

Password : Pass University Admin Password (Unidata Portal Password)

ODP : Pass University Admin ODP (Unidata Portal ODP)

Authorization : Authorization Key

**\*Note**: 1. Push data with credentials after logging in Uni data Portal. (New Credentials)

**Request JSON**

 [

    {

        "SSP\_Student\_ID": "19200000001",

        "Student\_Name": "GAJENDRA S N",

        "University\_Name": "Department of Pre-University Education (PUC)",

        "University\_SSP\_Code": "1070",

        "University\_Registration\_Number": "123456",

        "UG\_PG": "UG",

        "Previous\_Course\_Passed\_Year": "2023",

        "Previous\_Year\_SSP\_University\_Code": "1070",

        "Previous\_Year\_SSP\_University\_Name": "Department of Pre-University Education (PUC)",

        "Previous\_Year\_SSP\_College\_Code": "15142",

        "Previous\_Year\_SSP\_College\_Name": "MOUNT CARMEL PU COLLEGE- (AN011) -58 PALACE RD VASANTHNAGARBANGALORE 560052",

        "Previous\_Year\_SSP\_Course\_Code": "103",

        "Previous\_Year\_SSP\_Course\_Name": "B.A.",

        "Previous\_Year\_SSP\_Discipline\_Code": "1",

        "Previous\_Year\_SSP\_Discipline\_Name": "EPhilP",

        "Previous\_Year\_Course\_Year": "1",

        "Previous\_Year\_SSP\_Seat\_Type\_Code": "1",

        "Previous\_Year\_SSP\_Seat\_Type\_Name": "Government Seat in Govt. College",

        "Previous\_Year\_Max\_Marks": "600",

        "Previous\_Year\_Obtained\_Marks": "430",

        "Previous\_Year\_Percentage\_Obtained": "71.66",

        "PASS\_or\_FAIL": "P",

        "Promoted": "Y",

        "Percentile": "71.66"

    },

    {

        "SSP\_Student\_ID": "19200000002",

        "Student\_Name": "Deepa Subas Pawar",

        "University\_Name": "Department of Pre-University Education (PUC)",

        "University\_SSP\_Code": "1070",

        "University\_Registration\_Number": "356782110",

        "UG\_PG": "UG",

        "Previous\_Course\_Passed\_Year": "2023",

        "Previous\_Year\_SSP\_University\_Code": "1070",

        "Previous\_Year\_SSP\_University\_Name": "Department of Pre-University Education (PUC)",

        "Previous\_Year\_SSP\_College\_Code": "15142",

        "Previous\_Year\_SSP\_College\_Name": "MOUNT CARMEL PU COLLEGE- (AN011) -58 PALACE RD VASANTHNAGARBANGALORE 560052",

        "Previous\_Year\_SSP\_Course\_Code": "103",

        "Previous\_Year\_SSP\_Course\_Name": "B.A.",

        "Previous\_Year\_SSP\_Discipline\_Code": "1",

        "Previous\_Year\_SSP\_Discipline\_Name": "EPhilP",

        "Previous\_Year\_Course\_Year": "1",

        "Previous\_Year\_SSP\_Seat\_Type\_Code": "1",

        "Previous\_Year\_SSP\_Seat\_Type\_Name": "Government Seat in Govt. College",

        "Previous\_Year\_Max\_Marks": "600",

        "Previous\_Year\_Obtained\_Marks": "500",

        "Previous\_Year\_Percentage\_Obtained": "83.33",

        "PASS\_or\_FAIL": "P",

        "Promoted": "Y",

        "Percentile": "83.33"

    }

]

**Response JSON Type1– If u pass new data**

{

    "statusCode": 1,

    "status": "Success",

    "message": "Marks data Pushed Successfully. 2 Records Inserted",

    "statusMessage": [

        {

            "Message\_Type": "SUCCESS",

            "Message": "Marks data Pushed Successfully.",

            "SSP\_Student\_ID": 19200000002,

            "Student\_Name": "Deepa Subas Pawar",

            "Financial\_Year\_Code": 2324,

            "University\_SSP\_Code": 1070,

            "University\_Registration\_Number": "356782110",

            "UG\_PG": "UG",

            "Previous\_Year\_SSP\_University\_Code": 0,

            "Previous\_Year\_SSP\_College\_Code": 0,

            "Previous\_Year\_SSP\_Course\_Code": 0,

            "Previous\_Year\_SSP\_Discipline\_Code": 0,

            "Previous\_Year\_Course\_Year": 0,

            "Previous\_Year\_SSP\_Seat\_Type\_Code": 0

        },

        {

            "Message\_Type": "SUCCESS",

            "Message": "Marks data Pushed Successfully.",

            "SSP\_Student\_ID": 19200000001,

            "Student\_Name": "GAJENDRA S N",

            "Financial\_Year\_Code": 2324,

            "University\_SSP\_Code": 1070,

            "University\_Registration\_Number": "123456",

            "UG\_PG": "UG",

            "Previous\_Year\_SSP\_University\_Code": 0,

            "Previous\_Year\_SSP\_College\_Code": 0,

            "Previous\_Year\_SSP\_Course\_Code": 0,

            "Previous\_Year\_SSP\_Discipline\_Code": 0,

            "Previous\_Year\_Course\_Year": 0,

            "Previous\_Year\_SSP\_Seat\_Type\_Code": 0

        }

    ]

}

**Response JSON Type2– If u pass already Existed data**

{

    "statusCode": 0,

    "status": "Failure",

    "message": "Marks Data Pushing Failed. Please check the data and Try again.",

    "statusMessage": [

        {

            "Message\_Type": "FAILURE",

            "Message": "This SSP Student Id already Exists. You can not push again.",

            "SSP\_Student\_ID": 19200000003,

            "Student\_Name": "GOWTHAM S RAJ",

            "Financial\_Year\_Code": 2324,

            "University\_SSP\_Code": 1070,

            "University\_Registration\_Number": "532123456",

            "UG\_PG": "UG",

            "Previous\_Year\_SSP\_University\_Code": 0,

            "Previous\_Year\_SSP\_College\_Code": 0,

            "Previous\_Year\_SSP\_Course\_Code": 0,

            "Previous\_Year\_SSP\_Discipline\_Code": 0,

            "Previous\_Year\_Course\_Year": 0,

            "Previous\_Year\_SSP\_Seat\_Type\_Code": 0

        },

        {

            "Message\_Type": "FAILURE",

            "Message": "This SSP Student Id already Exists. You can not push again.",

            "SSP\_Student\_ID": 19200000002,

            "Student\_Name": "Deepa Subas Pawar",

            "Financial\_Year\_Code": 2324,

            "University\_SSP\_Code": 1070,

            "University\_Registration\_Number": "356782110",

            "UG\_PG": "UG",

            "Previous\_Year\_SSP\_University\_Code": 0,

            "Previous\_Year\_SSP\_College\_Code": 0,

            "Previous\_Year\_SSP\_Course\_Code": 0,

            "Previous\_Year\_SSP\_Discipline\_Code": 0,

            "Previous\_Year\_Course\_Year": 0,

            "Previous\_Year\_SSP\_Seat\_Type\_Code": 0

        }

    ]

}

**Response JSON Type3– If u pass already Existed data and New data(Both)**

{

    "statusCode": 1,

    "status": "Success",

    "message": "Marks data Pushed Successfully. 1 Records Inserted",

    "statusMessage": [

        {

            "Message\_Type": "SUCCESS",

            "Message": "Marks data Pushed Successfully.",

            "SSP\_Student\_ID": 19200000003,

            "Student\_Name": "GOWTHAM S RAJ",

            "Financial\_Year\_Code": 2324,

            "University\_SSP\_Code": 1070,

            "University\_Registration\_Number": "532123456",

            "UG\_PG": "UG",

            "Previous\_Year\_SSP\_University\_Code": 0,

            "Previous\_Year\_SSP\_College\_Code": 0,

            "Previous\_Year\_SSP\_Course\_Code": 0,

            "Previous\_Year\_SSP\_Discipline\_Code": 0,

            "Previous\_Year\_Course\_Year": 0,

            "Previous\_Year\_SSP\_Seat\_Type\_Code": 0

        },

        {

            "Message\_Type": "FAILURE",

            "Message": "This SSP Student Id already Exists. You can not push again.",

            "SSP\_Student\_ID": 19200000002,

            "Student\_Name": "Deepa Subas Pawar",

            "Financial\_Year\_Code": 2324,

            "University\_SSP\_Code": 1070,

            "University\_Registration\_Number": "356782110",

            "UG\_PG": "UG",

            "Previous\_Year\_SSP\_University\_Code": 0,

            "Previous\_Year\_SSP\_College\_Code": 0,

            "Previous\_Year\_SSP\_Course\_Code": 0,

            "Previous\_Year\_SSP\_Discipline\_Code": 0,

            "Previous\_Year\_Course\_Year": 0,

            "Previous\_Year\_SSP\_Seat\_Type\_Code": 0

        }

    ]

}