**Web Service to be consumed by Universities**

Web service will be used by Universities to send Student details every year.

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

**Type**: Web API

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

**ContentType:** application/json

Web Methods

**1**. Get University Bonafide and Marks Data for 2425

### Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | URL/api/Push\_University\_Bonafide\_Marks\_Data\_2425\_No\_SSP\_Id/ |

### INPUT Parameters for the request JSON

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Data Type** | **Values** |
| SSP\_Student\_ID | bigint | SSP Student Registration Id Ex:- 20210000001(11 Digits) **(Optional)** |
| Hash\_of\_Student\_Aadhaar | Varchar (100) | **(Optional)** |
| Vault\_Reference\_Number | Varchar (20) | **(Optional)** |
| Name\_As\_In\_Aadhaar | Varchar (200) | **(Mandatory)** |
| DOB\_As\_In\_Tenth | datetime | (mm/dd/yyyy) or (mm-dd-yyyy)  or  (yyyy/mm/dd) or (yyyy-mm-dd)  format  Ex:-  05/21/2004 or 05-21-2004  or  2004/05/21 or 2004-05-21  **(Optional)** |
| Academic\_Year\_code | INT | 2425 Academic year of the Student **(Mandatory)** |
| University\_Registration\_Number | Varchar (100) | **(Mandatory)** |
| Student\_Name | Varchar (200) | **(Mandatory)** |
| Student\_Father\_Name | Varchar (300) | **(Mandatory)** |
| Student\_Mother\_Name | Varchar (300) | **(Mandatory)** |
| Student\_Guardian\_Name | Varchar (200) | **(Optional)** |
| Gender | INT | Master Provided**(Mandatory)** |
| University\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| University\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| College\_Name | Varchar (500) | Master Provided**(Mandatory)** |
| College\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| College\_Type | Varchar (100) | Master Provided**(Mandatory)** |
| College\_Type\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| College\_District\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| District\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| College\_Taluk\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| Taluk\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| Study\_Mode | Varchar (100) | **(Mandatory)** |
| Course\_Name | Varchar (100) | Master Provided**(Mandatory)** |
| Course\_Code | INT | Master Provided**(Mandatory)** |
| Discipline\_Name | Varchar (100) | Master Provided(**Optional** for 1st Year and UCMS only and **Mandatory** for Non-UCMS and UCMS except 1st Year) |
| Discipline\_Code | INT | Master Provided(**Optional** for 1st Year and UCMS only and **Mandatory** for Non-UCMS and UCMS except 1st Year) |
| Course\_Year | INT | Master Provided **(Mandatory)** |
| Seat\_Type\_Name | Varchar (200) | Master Provided**(Mandatory)** |
| Seat\_Type\_SSP\_Code | INT | Master Provided**(Mandatory)** |
| Admission\_Year | INT | The Year of Student Admitted to First year for the Course**(Mandatory)** |
| Is\_Lateral\_Entry | Char (1) | If Lateral Entry then 'Y' else 'N'**(Mandatory)** |
| Previous\_Course\_Passed\_Year | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_University\_Code | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_University\_Name | Varchar (100) | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_College\_Code | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_College\_Name | Varchar (500) | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_Course\_Code | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_Course\_Name | Varchar (100) | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_Discipline\_Code | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_Discipline\_Name | Varchar (100) | Master Provided**(Optional)** |
| Previous\_Year\_Course\_Year | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_Seat\_Type\_Code | INT | Master Provided**(Optional)** |
| Previous\_Year\_SSP\_Seat\_Type\_Name | Varchar (200) | Master Provided**(Optional)** |
| Previous\_Year\_Max\_Marks | INT | **(Optional)** |
| Previous\_Year\_Obtained\_Marks | INT | Previous\_Year\_Obtained\_Marks  should not be more than  Previous\_Year\_Max\_Marks  **(Optional)** |
| Previous\_Year\_Percentage\_Obtained | Numeric (5,2) | Pass exact Percentage (calculate before passing) **(Optional)**  Ex: - 75.20 |
| PASS\_or\_FAIL | Char (1) | If PASS then 'P' else 'F' **(Optional)** |
| Promoted | Char (1) | If Promoted then 'Y' else 'N' **(Optional)** |
| Temp\_University\_Registration\_Number | Varchar(100) | **(Optional)** |
| UG\_PG | Varchar (2) | **(Mandatory)** |

**\*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 | Bonafide and Marks data saved Successfully. 2 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) (**No need for PUC and UCMS)**

**Authorization :** Authorization Key

**\*Note**:

1. Push data with credentials after logging in Uni data Portal. (New Credentials)

2. Student Id is non-Mandatory. If you pass StudentId then StudentId, Name as in Aadhaar and Gender should be valid with **SSP**.

3. All Previous Year course and Marks details are Optional. If you Pass Previous\_Year\_SSP\_University\_Code

then you must pass Previous\_Year\_SSP\_University\_Name, Previous\_Year\_SSP\_College\_Code, Previous\_Year\_SSP\_College\_Name, Previous\_Year\_SSP\_Course\_Code, Previous\_Year\_SSP\_Course\_Name, Previous\_Year\_SSP\_Discipline\_Code, Previous\_Year\_SSP\_Discipline\_Name, Previous\_Year\_Course\_Year, Previous\_Course\_Passed\_Year,

Previous\_Year\_SSP\_Seat\_Type\_Code, Previous\_Year\_SSP\_Seat\_Type\_Name, Previous\_Year\_Max\_Marks, Previous\_Year\_Obtained\_Marks, Previous\_Year\_Obtained\_Marks, PASS\_or\_FAIL, Promoted. If you do not pass Previous\_Year\_SSP\_University\_Code then do not pass above parameters(Pass empty values).

**Request JSON**

 [

        {

            "SSP\_Student\_ID": "",

            "Hash\_of\_Student\_Aadhaar": "",

            "Vault\_Reference\_Number": "",

            "Name\_As\_In\_Aadhaar": "KISHOR R",

            "DOB\_As\_In\_Tenth": "05/28/1997",

            "Academic\_Year\_code": "2425",

            "University\_Registration\_Number": "17M4534",

            "Student\_Name": "KISHOR R",

            "Student\_Father\_Name": "RAJKUMAR C N",

            "Student\_Mother\_Name": "SARASWATHAMMA",

            "Student\_Guardian\_Name": "NOT MENTIONED",

            "Gender": "1",

            "University\_SSP\_Code": "1027",

            "University\_Name": "Rajiv Gandhi University of Health Sciences, Bangalore(Id: U-0240)",

            "College\_Name": "Shridevi Institute of Medical Sciences And Research Institute (Id: C-52337)",

            "College\_SSP\_Code": "12882",

            "College\_Type": "Private Un-Aided",

            "College\_Type\_SSP\_Code": "3",

            "College\_District\_Name": "TUMAKURU",

            "District\_SSP\_Code": "548",

            "College\_Taluk\_Name": "Tumakuru",

            "Taluk\_SSP\_Code": "5537",

            "Study\_Mode": "Regular",

            "Course\_Name": "MBBS",

            "Course\_Code": "178",

            "Discipline\_Name": "MBBS",

            "Discipline\_Code": "674",

            "Course\_Year": "1",

            "Seat\_Type\_Name": "Management",

            "Seat\_Type\_SSP\_Code": "12",

            "Admission\_Year": "2017",

            "Is\_Lateral\_Entry": "N",

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

            "Previous\_Year\_SSP\_University\_Code": "1027",

            "Previous\_Year\_SSP\_University\_Name": "Rajiv Gandhi University of Health Sciences, Bangalore(Id: U-0240)",

            "Previous\_Year\_SSP\_College\_Code": "12882",

            "Previous\_Year\_SSP\_College\_Name": "Shridevi Institute of Medical Sciences And Research Institute (Id: C-52337)",

            "Previous\_Year\_SSP\_Course\_Code": "178",

            "Previous\_Year\_SSP\_Course\_Name": "MBBS",

            "Previous\_Year\_SSP\_Discipline\_Code": "674",

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

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

            "Previous\_Year\_SSP\_Seat\_Type\_Code": "12",

            "Previous\_Year\_SSP\_Seat\_Type\_Name": "Management",

            "Previous\_Year\_Max\_Marks": "1000",

            "Previous\_Year\_Obtained\_Marks": "523",

            "Previous\_Year\_Percentage\_Obtained": "52.30",

            "PASS\_or\_FAIL": "F",

            "Promoted": "N",

            "Temp\_University\_Registration\_Number": "",

            "UG\_PG": "UG"

        },

        {

            "SSP\_Student\_ID": "21220100599",

            "Hash\_of\_Student\_Aadhaar": "",

            "Vault\_Reference\_Number": "",

            "Name\_As\_In\_Aadhaar": "LOKANTH GOWDA G K",

            "DOB\_As\_In\_Tenth": "12/16/2002",

            "Academic\_Year\_code": "2425",

            "University\_Registration\_Number": "20E1987",

            "Student\_Name": "LOKANTH GOWDA G K",

            "Student\_Father\_Name": "KEMPARAJU M",

            "Student\_Mother\_Name": "PUSHPA S N",

            "Student\_Guardian\_Name": "NOT MENTIONED",

            "Gender": "1",

            "University\_SSP\_Code": "1027",

            "University\_Name": "Rajiv Gandhi University of Health Sciences, Bangalore(Id: U-0240)",

            "College\_Name": "Jayadeva Inst. of Cardiology(Id: C-40527)",

            "College\_SSP\_Code": "12649",

            "College\_Type": "Government",

            "College\_Type\_SSP\_Code": "1",

            "College\_District\_Name": "BENGALURU URBAN",

            "District\_SSP\_Code": "525",

            "College\_Taluk\_Name": "Bengaluru South",

            "Taluk\_SSP\_Code": "5543",

            "Study\_Mode": "Regular",

            "Course\_Name": "B.Sc (Allied Sciences)",

            "Course\_Code": "257",

            "Discipline\_Name": "B.Sc (Allied Sciences) - Perfusion Technology",

            "Discipline\_Code": "1462",

            "Course\_Year": "1",

            "Seat\_Type\_Name": "Government Seat in Govt. College",

            "Seat\_Type\_SSP\_Code": "1",

            "Admission\_Year": "2020",

            "Is\_Lateral\_Entry": "N",

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

            "Previous\_Year\_SSP\_University\_Code": "1027",

            "Previous\_Year\_SSP\_University\_Name": "Rajiv Gandhi University of Health Sciences, Bangalore(Id: U-0240)",

            "Previous\_Year\_SSP\_College\_Code": "12649",

            "Previous\_Year\_SSP\_College\_Name": "Jayadeva Inst. of Cardiology(Id: C-40527)",

            "Previous\_Year\_SSP\_Course\_Code": "257",

            "Previous\_Year\_SSP\_Course\_Name": "B.Sc (Allied Sciences)",

            "Previous\_Year\_SSP\_Discipline\_Code": "1462",

            "Previous\_Year\_SSP\_Discipline\_Name": "B.Sc (Allied Sciences) - Perfusion Technology",

            "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": "106",

            "Previous\_Year\_Percentage\_Obtained": "17.67",

            "PASS\_or\_FAIL": "F",

            "Promoted": "N",

            "Temp\_University\_Registration\_Number": "RGUHS20PF01117133597",

            "UG\_PG": "UG"

        }

    ]

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

{

    "statusCode": 1,

    "status": "Success",

    "message": "Bonafide and Marks data saved Successfully. 2 Records Inserted",

    "statusMessage": [

        {

            "Message\_Type": "SUCCESS",

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

            "SSP\_Student\_ID": 0,

            "Name\_As\_In\_Aadhaar": "KISHOR R",

            "Financial\_Year\_Code": 2425,

            "University\_Registration\_Number": "17M4534",

            "University\_SSP\_Code": 1027,

            "College\_SSP\_Code": 0,

            "College\_Type\_SSP\_Code": 0,

            "District\_SSP\_Code": 0,

            "Taluk\_SSP\_Code": 0,

            "Course\_Code": 0,

            "Discipline\_Code": 0,

            "Course\_Year": 0,

            "Seat\_Type\_SSP\_Code": 0,

            "Gender": 1,

            "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,

            "UG\_PG": "UG"

        },

        {

            "Message\_Type": "SUCCESS",

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

            "SSP\_Student\_ID": 21220100599,

            "Name\_As\_In\_Aadhaar": "LOKANTH GOWDA G K",

            "Financial\_Year\_Code": 2425,

            "University\_Registration\_Number": "20E1987",

            "University\_SSP\_Code": 1027,

            "College\_SSP\_Code": 0,

            "College\_Type\_SSP\_Code": 0,

            "District\_SSP\_Code": 0,

            "Taluk\_SSP\_Code": 0,

            "Course\_Code": 0,

            "Discipline\_Code": 0,

            "Course\_Year": 0,

            "Seat\_Type\_SSP\_Code": 0,

            "Gender": 1,

            "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,

            "UG\_PG": "UG"

        }

    ]

}

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

{

    "statusCode": 0,

    "status": "Failure",

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

    "statusMessage": [

        {

            "Message\_Type": "FAILURE",

            "Message": "This University SSP Code,University Registration Number and UG\_PG combination already Exists.",

            "SSP\_Student\_ID": 0,

            "Name\_As\_In\_Aadhaar": "KISHOR R",

            "Financial\_Year\_Code": 2425,

            "University\_Registration\_Number": "17M4534",

            "University\_SSP\_Code": 1027,

            "College\_SSP\_Code": 0,

            "College\_Type\_SSP\_Code": 0,

            "District\_SSP\_Code": 0,

            "Taluk\_SSP\_Code": 0,

            "Course\_Code": 0,

            "Discipline\_Code": 0,

            "Course\_Year": 0,

            "Seat\_Type\_SSP\_Code": 0,

            "Gender": 1,

            "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,

            "UG\_PG": "UG"

        },

        {

            "Message\_Type": "FAILURE",

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

            "SSP\_Student\_ID": 21220100599,

            "Name\_As\_In\_Aadhaar": "LOKANTH GOWDA G K",

            "Financial\_Year\_Code": 2425,

            "University\_Registration\_Number": "20E1987",

            "University\_SSP\_Code": 1027,

            "College\_SSP\_Code": 0,

            "College\_Type\_SSP\_Code": 0,

            "District\_SSP\_Code": 0,

            "Taluk\_SSP\_Code": 0,

            "Course\_Code": 0,

            "Discipline\_Code": 0,

            "Course\_Year": 0,

            "Seat\_Type\_SSP\_Code": 1,

            "Gender": 2,

            "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,

            "UG\_PG": "UG"

        }

    ]

}

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

{

    "statusCode": 1,

    "status": "Success",

    "message": "Bonafide and Marks data saved Successfully. 1 Records Inserted",

    "statusMessage": [

        {

            "Message\_Type": "SUCCESS",

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

            "SSP\_Student\_ID": 0,

            "Name\_As\_In\_Aadhaar": "MUDKHEDE GANESH MADHAVRAO",

            "Financial\_Year\_Code": 2425,

            "University\_Registration\_Number": "20AG001",

            "University\_SSP\_Code": 1027,

            "College\_SSP\_Code": 0,

            "College\_Type\_SSP\_Code": 0,

            "District\_SSP\_Code": 0,

            "Taluk\_SSP\_Code": 0,

            "Course\_Code": 0,

            "Discipline\_Code": 0,

            "Course\_Year": 0,

            "Seat\_Type\_SSP\_Code": 0,

            "Gender": 1,

            "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,

            "UG\_PG": "PG"

        },

        {

            "Message\_Type": "FAILURE",

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

            "SSP\_Student\_ID": 21220100599,

            "Name\_As\_In\_Aadhaar": "LOKANTH GOWDA G K",

            "Financial\_Year\_Code": 2425,

            "University\_Registration\_Number": "20E1987",

            "University\_SSP\_Code": 1027,

            "College\_SSP\_Code": 0,

            "College\_Type\_SSP\_Code": 0,

            "District\_SSP\_Code": 0,

            "Taluk\_SSP\_Code": 0,

            "Course\_Code": 0,

            "Discipline\_Code": 0,

            "Course\_Year": 0,

            "Seat\_Type\_SSP\_Code": 1,

            "Gender": 2,

            "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,

            "UG\_PG": "UG"

        }

    ]

}