

University Web Portal - Technical Document

Introduction

- Samarth Uni Web Portal is an API (Application Programming Interface) platform for Samarth Portal. Universities using the Samarth portal can use these API to fetch details of their Programmes, Organisations, and Employees.

Note

A unique Access Token is required for Authentication which will be provided by Samarth Team.

Programme API

METHOD - **GET**

[USE CASE]{.ul}

To get all the Programme

REQUEST ATTRIBUTES

API Content format : JSON

[All Programme]{.ul}

API Endpoint -

https://<CU Samarth Link>/index.php/v1/programme/get\

Response

Attribute	Type	Description	Mandatory
programme_id	Number	Programme Id	No

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programme_name	String	Program name Full text	No
programme_code	String	Program Code	No
description	String	Summary of the course	No
structure	String	Structure of the course	No
eligibility	String	Eligibility to Opt for course	No
duration	String	Duration of the Course	No
fee_structure	String	Fee structure	No
programme_details	String	Programme Details	No

[by ID]{.ul}

API Endpoint -

<https://<CU Samarth Link>/index.php/v1/programme/id>

REQUEST

Parameter	Type	Description	Mandatory
id	Number	Id of Programme	Yes

Response

Attribute	Type	Description	Mandatory
programme_id	Number	Programme Id	No

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programme_name	String	Program name Full Text	No
programme_code	String	Program Code	No
description	String	Summary of the course	No
structure	String	Structure of the course	No
eligibility	String	Eligibility to Opt for course	No
duration	String	Duration of the Course	No
fee_structure	String	Fee structure	No
programme_details	String	Programme Details	No
programme_coordinator	String	Programme Coordinator	No

[by Level]{.ul}

API Endpoint -

<https://<CU Samarth Link>/index.php/v1/programme/level>

REQUEST

Parameter	Type	Description	Mandatory
level	String	Level Name (BACHELOR, Masters)	Yes

Response

Attribute	Type	Description	Mandatory
programme_id	Number	Programme Id	No
programme_name	String	Program name Full Text	No

programme_code	String	Program Code	No
description	String	Summary of the course	No
structure	String	Structure of the course	No
eligibility	String	Eligibility to Opt for course	No
duration	String	Duration of the Course	No
fee_structure	String	Fee structure	No
programme_details	String	Programme Details	No
programme_coordinator	String	Programme Coordinator	No

Organizational Unit**

METHOD - **GET**

[USE CASE]{.ul}

To get all the Organizational Unit

REQUEST ATTRIBUTES

API Content format : JSON

API Endpoint -

<https://<CU Samarth Link>/index.php/v1/organizational-unit/get>

Parameter	Type	Description	Mandatory
type	String	Type of Organizational Unit ex. Campus department	No
id	Number	Id of Organizational Unit	No

Response

Attribute	Type	Description	Mandatory
type	String	Type Of Organizational Unit	No
name	String	Name of Organizational Unit	No
name_in_hindi	String	Name of Organizational Unit in Hindi	No
name_in_other_language	String	Name of Organizational Unit in another language	No
code	String	Code of Organizational Unit	No
profile	String	Name of Organizational Unit	No
official_email	String	Email of Organizational Unit	No
address_line_1	String	Address Line 1 of Organizational Unit	No
address_line_2	String	Address Line 2 of Organizational Unit	No
address_line_3	String	Address Line 3 of Organizational Unit	No
district	String	District of Organizational Unit	No
city	String	City of Organizational Unit	No
state	String	State of Organizational Unit	No
country	String	Country of Organizational Unit	No
pincode	Number	Pincode of Organizational Unit	No
telephone_number	Number Tel of Organizational Unit	No	

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website	String	website of Organizational Unit	No
facebook_link	String	Facebook Link of Organizational Unit	No
linkedin_link	String	Linkedin	No
twitter_link	String	Twitter	No
logo	String	logo	No

[by ID]{.ul}\

Response

Attribute	Type	Description	Mandatory
type	String	Type Of Organizational Unit	No
name	String	Name of Organizational Unit	No
name_in_hindi	String	Name of Organizational Unit in Hindi	No
name_in_other_language	String	Name of Organizational Unit in another language	No
code	String	Code of Organizational Unit	No
profile	String Name of Organizational Unit	No	
official_email	String	Email of Organizational Unit	No
address_line_1	String	Address Line 1 of Organizational Unit	No

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address_line_2	String	Address Line 2 of Organizational Unit	No
address_line_3	String	Address Line 3 of Organizational Unit	No
district	String	District of Organizational Unit	No
city	String	City of Organizational Unit	No
state	String	State of Organizational Unit	No
country	String	Country of Organizational Unit	No
pincode	Number	Pincode of Organizational Unit	No
telephone_number	Number	Tel of Organizational Unit	No
website	String	Website of Organizational Unit	No
facebook_link	String	Facebook Link of Organizational Unit	No
linkedin_link	String	Linkedin No	
twitter_link	String	Twitter No	
logo	String	logo	No

[All Organizational Unit]{.ul}\

Response

Attribute	Type	Description	Mandatory
type	String	Type Of Organizational Unit	No
name	String	Name of Organizational Unit	No

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name_in_hindi	String	Name of Organizational Unit in Hindi	No
name_in_other_language	String	Name of Organizational Unit in another language	No
code	String	Code of Organizational Unit	No
profile	String	Name of Organizational Unit	No
official_email	String	Email of Organizational Unit	No
address_line_1	String	Address Line 1 of Organizational Unit	No
address_line_2	String	Address Line 2 of Organizational Unit	No
address_line_3	String	Address Line 3 of Organizational Unit	No
district	String	District of Organizational Unit	No
city	String	City of Organizational Unit	No
state	String	State of Organizational Unit	No
country	String	Country of Organizational Unit	No
pincode	Number	Pincode of Organizational Unit	No
telephone_number	Number	Tel of Organizational Unit	No
website	String	Website of Organizational Unit	No
facebook_link	String	Facebook Link of Organizational Unit	No
linkedin_link	String	Linkedin	No
twitter_link	String	Twitter	No
logo	String	logo	No

Employee

To get all the employee

REQUEST ATTRIBUTES

API Content format : JSON

API Endpoint -

<https://<CU Samarth Link>/index.php/v1/employee/get>

Parameter	Type	Description	Mandatory
ou	Number	Id of Organizational Unit	NO
designation	Number	Designation Id	No

[By Organizational Unit]{.ul}\

REQUEST

Parameter	Type	Description	Mandatory
ou	Number	Id of ou	Yes

Response

Attribute	Type	Description	Mandatory
title	String	Title of Employee	No
first_name	String	First Name of Employee	No

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middle_name	String	Middle Name of Employee	No
last_name	String	Last Name of Employee	No
guardian_name	String	Employee Guardian Name	No
mother_name	String	Employee Mother Name	No
marital_status	String	Marital Status of Employee	No
blood_group	String	Blood Group of employee	No
nationality	String	Nationality of Employee	No
date_of_birth	String	DOB of employee	No
mobile_number	String	Mobile of employee	No
personal_email	String	Personal Email of employee	No
employee_type	String	Employee Type	No
nature_of_employment	Number	Nature of Employment	No
organization_unit	Number	Employee Organizational Unit	No
designation	String	Designation of employee	No
employee_code	String	Employee Code	No
ledger_number	String	Employee Ledger	No
date_of_joining	String	Date of Joining	No
qualification	String	Qualification	No
official_email	String	Official Email	No
aadhar_number	String	Aadhar Number	No
official_website	String	Official Website	No
personal_website	String	Personal Website	No

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pan_number	String	Pan Number	No
residential_address	Number	Residential Address	No
residential_pincode	Number	Residential Pincode	No
residential_country	String	Residential Country	No
residential_state	String	Residential State	No
residential_city	String	Residential City	No
residential_phone_number	String	Residential Phone Number	No
permanent_address	String	Permanent Address	No
permanent_pincode	String	Permanent Pincode	No
permanent_country	String	Permanent Country	No
permanent_state	String	Permanent State	No
permanent_city	String	Permanent City	No
bank_account_number	String	Bank Account Number	No
bank_name	Number	Bank Name	No
branch_name	Number	Branch Name	No
ifsc_code	String	Ifsc Code	No
photo_upload	String	Photo url	No

[By Designation]{.ul}\

REQUEST

designation	number	id of Designation	no
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Response

Attribute	Type	Description	Mandatory
title	String	Title of Employee	No
first_name	String	First Name of Employee	No
middle_name	String	Middle Name of Employee	No
last_name	String	Last Name of Employee	No
guardian_name	String	Employee Guardian Name	No
mother_name	String	Employee Mother Name	No
marital_status	String	Marital Status of Employee	No
blood_group	String	Blood Group of employee	No
nationality	String	Nationality of Employee	No
date_of_birth	String	DOB of employee	No
mobile_number	String	Mobile of employee	No
personal_email	String	Personal Email of employee	No
employee_type	String	Employee Type	No
nature_of_employment	Number	Nature of Employment	No
organization_unit	Number	Employee Organizational Unit	No
designation	String	Designation of employee	No

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employee_code	string	Employee Code	No
ledger_number	String	Employee Ledger	No
date_of_joining	String	Date of Joining	No
qualification	String	Qualification	No
official_email	String	Official Email	No
aadhar_number	String	Aadhar Number	No
official_website	String	Official Website	No
personal_website	String	Personal Website	No
pan_number	String	Pan Number	No
residential_address	Number	Residential Address	No
residential_pincode	Number	Residential Pincode	No
residential_country	String	Residential Country	No
residential_state	String	Residential State	No
residential_city	String	Residential City	No
residential_phone_number	String	Residential Phone Number	No
permanent_address	String	Permanent Address	No
permanent_pincode	String	Permanent Pincode	No
permanent_country	String	Permanent Country	No
permanent_state	String	Permanent State	No
permanent_city	String	Permanent City	No
bank_account_number	String	Bank Account Number	No
bank_name	Number	Bank Name	No

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branch_name	Number	Branch Name	No
ifsc_code	String	Ifsc Code	No
photo_upload	String	Photo url	No

[All Employee]{.ul}\

Response

Attribute	Type	Description	Mandatory
title	String	Title of Employee	No
first_name	String	First Name of Employee	No
middle_name	String	Middle Name of Employee	No
last_name	String	Last Name of Employee	No
guardian_name	String	Employee Guardian Name	No
mother_name	String	Employee Mother Name	No
marital_status	String	Marital Status of Employee	No
blood_group	String	Blood Group of employee	No
nationality	String	Nationality of Employee	No
date_of_birth	String	DOB of employee	No
mobile_number	String	Mobile of employee	No
personal_email	String	Personal Email of employee	No
employee_type	String	Employee Type	No

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nature_of_employment	Number	Nature of Employment	No
organization_unit	Number	Employee Organizational Unit	No
designation	String	Designation of employee	No
employee_code	String	Employee Code	No
ledger_number	String	Employee Ledger	No
date_of_joining	String	Date of Joining	No
qualification	String	Qualification	No
official_email	String	Official Email	No
aadhar_number	String	Aadhar Number	No
official_website	String	Official Website	No
personal_website	String	Personal Website	No
pan_number	String	Pan Number	No
residential_address	Number	Residential Address	No
residential_pincode	Number	Residential Pincode	No
residential_country	String	Residential Country	No
residential_state	String	Residential State	No
residential_city	String	Residential City	No
residential_phone_number	String	Residential Phone Number	No
permanent_address	String	Permanent Address	No
permanent_pincode	String	Permanent Pincode	No
permanent_country	String	Permanent Country	No
permanent_state	String	Permanent	State

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permanent_city	String	Permanent City	No
bank_account_number	String	Bank Account Number	No
bank_name	Number	Bank Name	No
branch_name	Number	Branch Name	No
ifsc_code	String	Ifsc Code	No
photo_upload	String	Photo url	No

[By Id]{.ul}\

REQUEST

Parameter	Type	Description	Mandatory
id	Number	Employee ID	No

Response

Attribute	Type	Description	Mandatory
title	String	Title of Employee	No
first_name	String	First Name of Employee	No
middle_name	String	Middle Name of Employee	No
last_name	String	Last Name of Employee	No
guardian_name	String	Employee Guardian Name	No

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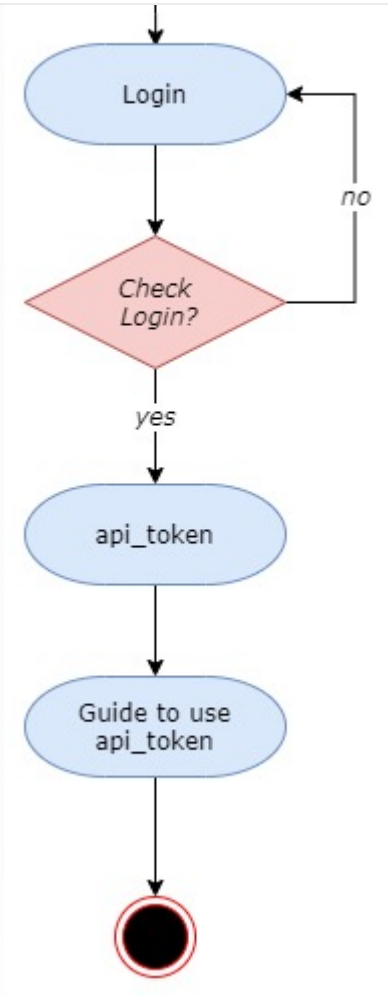


mother_name	String	Employee Mother Name	No
marital_status	String	Marital Status of Employee	No
blood_group	String	Blood Group of employee	No
date_of_birth	String	DOB of employee	No
mobile_number	String	Mobile of employee	No
personal_email	String	Personal Email of employee	No
employee_type	String	Employee Type	No
nature_of_employment	Number	Nature of Employment	No
organization_unit	Number	Employee Organizational Unit	No
designation	String	Designation of employee	No
employee_code	String	Employee Code	No
ledger_number	String	Employee Ledger	No
date_of_joining	String	Date of Joining	No
qualification	String	Qualification	No
official_email	String	Official Email	No
aadhar_number	String	Aadhar Number	No
official_website	String	Official Website	No
personal_website	String	Personal Website	No
pan_number	String	Pan Number	No
residential_address	Number	Residential Address	No
residential_pincode	Number	Residential Pincode	No
residential_country	String	Residential Country	No

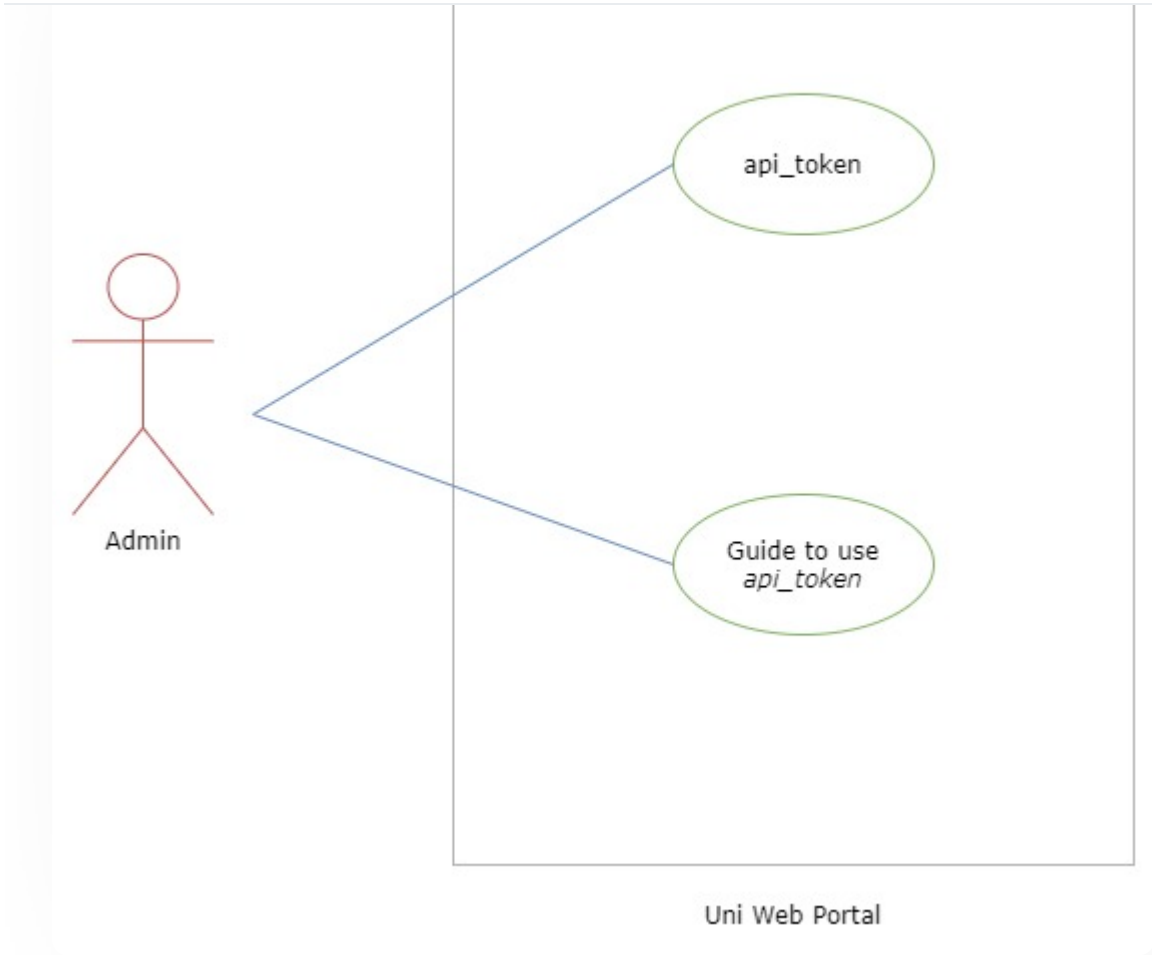
residential_state	String	Residential State	No
residential_city	String	Residential City	No
residential_phone_number	String	Residential Phone Number	No
permanent_address	String	Permanent Address	No
permanent_pincode	String	Permanent Pincode	No
permanent_country	String	Permanent Country	No
permanent_state	String	Permanent State	No
permanent_city	String	Permanent City	No
bank_account_number	String	Bank Account Number	No
bank_name	Number	Bank Name	No
branch_name	Number	Branch Name	No
ifsc_code	String	Ifsc Code	No
photo_upload	String	Photo url	No

Diagrams

Uni Web Portal Activity Diagram



Uni Web Portal Use Case Diagram



External Resources

[Module Training Video ↗](#)

[Edit this page](#)

[← University Profile - Organizational Unit & Organigram](#)

[User Administration →](#)

INTRO

Getting Started

ACADEMICS

Academics
Alumni Portal
Evaluation & Grading
Evaluation & Grading (for evaluator)
Hostel Management
Programme Management System
Student Feedback Management
Training and Placement

ACCOUNTS & FINANCE

Bill Tracking System
Budget & Accounts
Endowment
Payroll Management System
Research Project & Management System

ADMISSIONS

CU Admission Userguide
CUCET Administrative Portal - CUSB
CUCET User Guide for Registration 2021
DU Admission - PG
DU Admission - UG
DU Admission Backend

BASE MODULES

University Profile - Organizational Unit & Organigram
User Administration

DATA MANAGEMENT

EMPLOYEE SERVICES

- Career Advancement Scheme
 - Employee Management - Admin
 - Employee Management - Non Teaching
 - Employee Management - Teaching
 - Knowledge
 - Leave Management System
 - ToT Management
-

GOVERNANCE

- Affiliation Management
 - Estate Management System
 - File Management & Tracking System
 - Inventory Management System
 - IT Service Desk
 - Legal Case Management System
 - Residence Allocation (E-housing)
 - RTI Management System
-

RECRUITMENT

- Recruitment Management (Candidate Portal) - Non-Teaching
 - Recruitment Management (Candidate Portal) - Teaching

 - Screening Process of Non-Teaching Recruitment
 - Screening Process of Teaching Recruitment
 - Screening Process of Teaching Recruitment- University of Delhi
 - Recruitment Management System (Teaching) - Admin Portal
-

Essential Services

Grievance Management

Health Management System

Security Management System

Sports Management System

Transport Management System