**Add a New Subject Code:**

**Call file:** api/add\_subcode.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of COE.

password: - password of COE.

subject\_code: - Subject code to add.

paper\_name: - Name of the paper.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “subject code added successfully"

E.g.:

{

**status**: "OK",

**comment**: "subject code added successfully"

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“undefined parameter: subject\_code” – when the parameter “subject\_code” is not

given.

“undefined parameter: paper\_name” – when the parameter “paper\_name” is not

given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“subject code already exists” – when given subject code already exists.

“server error occurred” – when some server-side error occurs

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "subject code: CS502 already exists"

}

**Modify Paper name of a Subject Code:**

**Call file:** api/mod\_subcode.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of COE.

password: - password of COE.

subject\_code: - Subject code to add.

new\_paper\_name: - Modified name of the paper.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “paper name modified"

E.g.:

{

**status**: "OK",

**comment**: "paper name modified"

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: subject\_code” – when the parameter “subject\_code” is not

given.

“undefined parameter: new\_paper\_name” – when the parameter

“new\_paper\_name” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect subject code: XXX” – when given subject code does not exists.

“server error occurred” – when some server-side error occurs

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "incorrect subject code: CS502f"

}

**Delete a Subject Code:**

**Call file:** api/delete\_subcode.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of COE.

password: - password of COE.

subject\_code: - Subject code to delete.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “subject code deleted"

E.g.:

{

**status**: "OK",

**comment**: "subject code deleted"

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: subject\_code” – when the parameter “subject\_code” is not

given.

“undefined parameter: new\_paper\_name” – when the parameter

“new\_paper\_name” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect subject code: XXX” – when given subject code does not exists.

“server error occurred” – when some server-side error occurs

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "incorrect subject code: CS502f"

}

**Add a New Chapter under a Teacher:**

**Call file:** api/add\_chap.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of Teacher.

password: - password of Teacher.

sub\_code: - Subject code under which the chapter will be added.

chapter\_name: - Name of the chapter.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “chapter added successfully"

E.g.:

{

**status**: "OK",

**comment**: "chapter added successfully"

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“undefined parameter: sub\_code” – when the parameter “subject\_code” is not

given.

“undefined parameter: chapter\_name” – when the parameter “chapter\_name” is

not given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect sub\_code: XYZ” – when given subject code is incorrect.

“subject code: XYZ is not present the teacher” – when given subject code is

not present under the given teacher. First

add the subject code under the teacher and then try.

“chapter name: XYZ already exists” –when given chapter name already exists

under the teacher.

“server error occurred” – when some server-side error occurs

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "chapter name: Test chapter #2 already exists"

}

**Modify a Chapter’s name under a Teacher:**

**Call file:** api/mod\_chap.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of Teacher.

password: - password of Teacher.

sub\_code: - Subject code under which the chapter will be modified.

chapter\_id: - The chapter’s id whose name is to be modified.

new\_chapter\_name: - Name of the chapter.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “chapter modified successfully"

E.g.:

{

**status**: "OK",

**comment**: "chapter modified successfully"

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“undefined parameter: sub\_code” – when the parameter “sub\_code” is not

given.

“undefined parameter: new\_chapter\_name” – when the parameter

“new\_paper\_name” is not given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect sub\_code: XYZ” – when given subject code is incorrect.

“subject code: XYZ is not present the teacher” – when given subject code is

not present under the given teacher. First

add the subject code under the teacher and then try.

“incorrect chapter\_id: XYZ” – when given “chapter\_id” is incorrect.

“server error occurred” – when some server-side error occurs.

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "incorrect chapter\_id: 205"

}

**Delete a Chapter under a Teacher:**

**Call file:** api/delete\_chap.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of Teacher.

password: - password of Teacher.

sub\_code: - Subject code under which the chapter will be deleted.

chapter\_id: - The chapter’s id which is to be deleted.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “chapter modified successfully"

E.g.:

{

**status**: "OK",

**comment**: "chapter deleted"

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“undefined parameter: sub\_code” – when the parameter “sub\_code” is not

given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect sub\_code: XYZ” – when given subject code is incorrect.

“subject code: XYZ is not present the teacher” – when given subject code is

not present under the given teacher.

“incorrect chapter\_id: XYZ” – when given “chapter\_id” is incorrect.

“server error occurred” – when some server-side error occurs.

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "incorrect chapter\_id: 205"

}

**Add a New Question in the question bank:**

**Call file:** api/add\_ques.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of Teacher.

password: - password of Teacher.

sub\_code: - Subject code which contains the chapter under which the question

will be added.

chapter\_id: - Chapter’s Id under which the question will be added.

st: - Question statement.

ac: - Correct Answer.

wa1: - Incorrect Answer 1.

wa2: - Incorrect Answer 2.

wa3: - Incorrect Answer 3.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “question added successfully"

Third parameter “id” will be the id of the question which is added.

E.g.:

{

**status**: "OK",

**comment**: "question added successfully",

**id**: 8

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“undefined parameter: sub\_code” – when the parameter “subject\_code” is not

given.

“undefined parameter: chapter\_id” – when the parameter “chapter\_id” is not

given.

“undefined parameter: st” – when the parameter “st” is not given.

“undefined parameter: ac” – when the parameter “ac” is not given.

“undefined parameter: wa1” – when the parameter “wa1” is not given.

“undefined parameter: wa2” – when the parameter “wa2” is not given.

“undefined parameter: wa3” – when the parameter “wa3” is not given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect sub\_code: XYZ” – when given subject code is incorrect.

“subject code: XYZ is not present the teacher” – when given subject code is

not present under the given teacher. First

add the subject code under the teacher and then try.

“incorrect chapter\_id: XYZ” –when given chapter\_id id incorrect.

“server error occurred” – when some server-side error occurs

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "invalid chapter\_id: 80"

}

**Modify a Question in the question bank:**

**Call file:** api/mod\_ques.php

**Request type: -** http

**Method:** POST

**Input:**

key: - Key provided by the API developers.

username: - Username of Teacher.

password: - password of Teacher.

sub\_code: - Subject code which contains the chapter under which the question

will be added.

chapter\_id: - Chapter’s Id under which the question will be added.

ques\_id: - Question Id of the question to be modified.

st: - Modified question statement.

ac: - Modified correct Answer.

wa1: - Modified incorrect Answer 1.

wa2: - Modified incorrect Answer 2.

wa3: - Modified incorrect Answer 3.

**Output:**

**Type:** json file

* **If successful:**

First parameter “status” value of which will be “OK”

Second parameter “comment” value of which will be “question added successfully"

Third parameter “id” will be the id of the question which is added.

E.g.:

{

**status**: "OK",

**comment**: "question modified successfully",

**id**: 8

}

* **If fail:**

First parameter “status” value of which will be “FAIL”

Second parameter “comment” value of which can be either of:

“incorrect key: XYZ” – when the key is not correct.

“undefined parameter: key” – when the parameter “key” is not given.

“undefined parameter: username”- when the parameter “username” is not given

“undefined parameter: password”- when the parameter “password” is not given.

“undefined parameter: sub\_code” – when the parameter “subject\_code” is not

given.

“undefined parameter: chapter\_id” – when the parameter “chapter\_id” is not

given.

“undefined parameter: ques\_id” – when the parameter “ques\_id” is not

given.

“incorrect ques\_id: XYZ” – when the parameter “ques\_id” is incorrect.

“undefined parameter: st” – when the parameter “st” is not given.

“undefined parameter: ac” – when the parameter “ac” is not given.

“undefined parameter: wa1” – when the parameter “wa1” is not given.

“undefined parameter: wa2” – when the parameter “wa2” is not given.

“undefined parameter: wa3” – when the parameter “wa3” is not given.

“incorrect username: XYZ”- when the username is incorrect.

“incorrect password”- when the password is incorrect.

“incorrect sub\_code: XYZ” – when given subject code is incorrect.

“subject code: XYZ is not present the teacher” – when given subject code is

not present under the given teacher. First

add the subject code under the teacher and then try.

“incorrect chapter\_id: XYZ” –when given chapter\_id id incorrect.

“server error occurred” – when some server-side error occurs

E.g.1:

{

**status**: "FAIL",

**comment**: "incorrect key: XYZ"

}

E.g.2:

{

**status**: "FAIL",

**comment**: "invalid chapter\_id: 80"

}