

Q-OBE: Quick guide

Edition 1

Getting Started With Q-OBE



A FastTrack Approach for Doers



“Welcome to Q-OBE Family”

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C.E.O Alfoze Technologies

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1. Getting Started

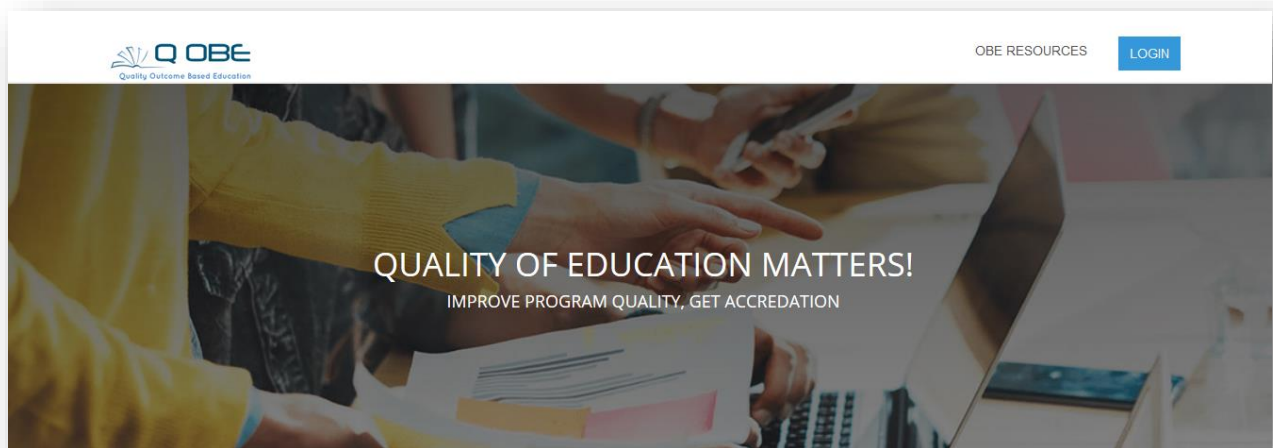
Welcome to Q-OBE family! This chapter will provide you brief overview of Q-OBE features and overall working flow. Detail of discussed features and modules in this chapter are discussed in later chapters.

1.1 Q-OBE Quick Intro: How it works?

Q-OBE is a “*software service*” just like your favorite social media platform, your trusted email server or your cloud hosted Microsoft 360. Like Gmail you don’t install anything on your devices and simply use it through your browser using your username and password. Getting more technical! This kind of usage is called software as service or precisely, *SaaS*. Q-OBE is hosted on *AWS world’s No.1 cloud* infrastructure. To use Q-OBE all you need is internet connectivity a browser and valid username & password. You can access Q-OBE through following URL.

<https://qualityobe.com/>

If everything goes right you will see following web page on visiting above mentioned URL.



Q-OBE is an OBE based LMS tailored to meet OBE and requirements while keeping it aligned to academia routines. Q-OBE offers range of excellent features to help you in executing your daily academic tasks and end objectives. In root Q-OBE targets OBE but good news is that it fully supports GPA system as well.

We will discuss it briefly in later sections regarding its many useful features but to just give you a flavor there are:

- Range of reports from course section up to PEO levels
- Institute hierarchy management
- CLO distribution, rubrics
- Marks breakdown, course planning
- 3-level CQI

- Student management
- OBE & GPA transcript

Many more...

In short Q-OBE features helps its users by covering complete academic cycle.

All of your data is securely saved and maintained on cloud which means you don't need to worry about corrupt files, hardware failures, data theft and power failures. Folks at Alfoze take care of it. Your data is 24/7 readily available, just log in to the system from anywhere at any time.



Q-OBE service is sometimes unavailable for maintenance. Good news is that a prior notification is send and also it is usually not more than two hours. Making Q-OBE service 99% available.

1.2 Menus: Drama of buttons & windows

Before we get our hands dirty let's understand how software is organized. Options are organized in menus and data is displayed in window panels. Buttons & menus with same function are consistent across the software. So never get lost or face difficulty in performing operations. So let's explore!

1.2.1 Buttons

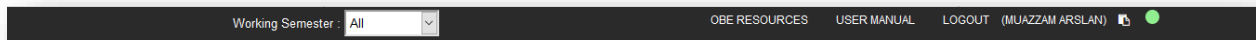
Function	Button	Description
Create		Create button is used to create different types of data entities e.g. courses, users, departments ,etc.
Update		Update button is used to update the contents e.g. course, users, department etc
Delete		Delete button is used to delete different data entities within system e.g. courses, users, departments, etc.
Manage		Manage button is used to go back to the list
Button panel		Button panel hosts buttons for search, edit and delete. They are explicitly associated with single data entity present in the list. They are discussed in later sections
Import		Import button is used to import records in excel format

Export	Export	Export result / list in Excel format
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1.2.2 Menus & Windows

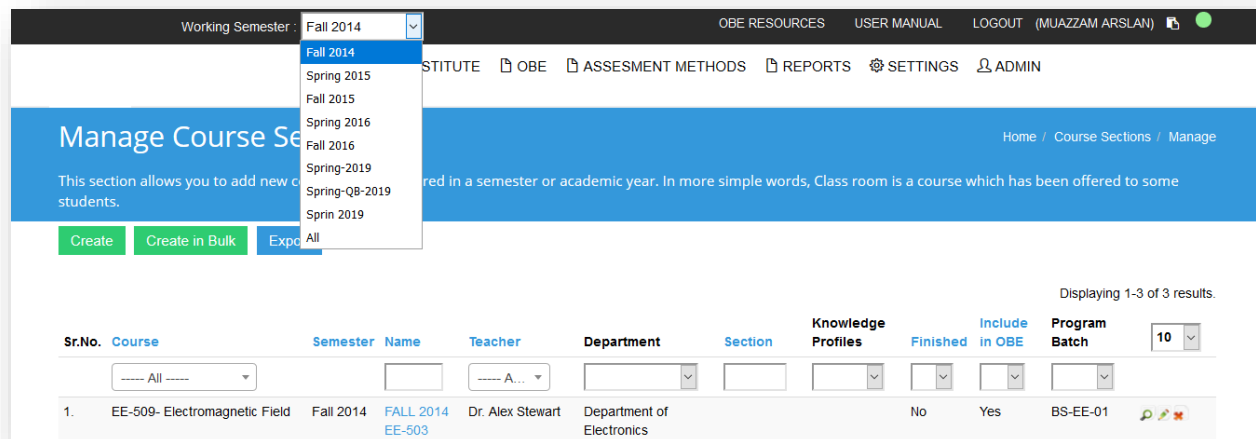
As discussed earlier, each menu serves different purpose composed of different options. Some of the menus are visible to all the users and some are specific to particular roles. Yeah! We don't pollute you screen with unnecessary content. You see what you need.

1.2.2.1 Top menu



Top menu is something you will least use to perform operations rather it has more facilitation role. But wait it have something very valuable for you. We can actually divide in two logical divisions. Right side has logout and resources options. The document you are reading actually came out of this menu if someone else has downloaded for you, friends with benefits. While the left menu of **working semester** menu filters data semester wise for you. It means that sections and other stuff related to selected semester will only show.

Here we look at the example. We selected **fall 2014 semester** from the top menu and all the sections are now shown are from fall 2014.



We will discuss **semester management** in later chapters.

1.2.2.2 Operations menu

Operations menu is the master control of Q-OBE you can access all modules of the software from operations menu. All the tabs hosts drop down menus with extended functionalities. Like institute tab has options to manage campus, departments, faculties etc. If you're department admin reading this menu believe me this menu is your best friend.

Working Semester: Fall 2014 OBE RESOURCES USER MANUAL LOGOUT (MUAZZAM ARSLAN)

[HOME](#)
[INSTITUTE](#)
[OBE](#)
[ASSESSMENT METHODS](#)
[REPORTS](#)
[SETTINGS](#)
[ADMIN](#)

Manage Course Sections

This section allows you to add new course which students.

[Create](#)
[Create in Bulk](#)
[Export](#)

My University
 Campuses
 Schools
 Departments
 Semesters
 Faculty/Staff
 Programs
 Program Batches
 Courses
 Students

Home / Course Sections / Manage

academic year. In more simple words, Class room is a course which has been offered to some

Displaying 1-3 of 3 results.

Sr.No.	Course	Semester	Department	Section	Knowledge Profiles	Finished	Include in OBE	Program Batch
1.	EE-509- Electromagnetic Field	Fall 2014	Department of Electronics			No	Yes	BS-EE-01

1.2.2.3 Context Menu

View Course

Home / Courses / testcourse

Context menu facilitates you to navigate back and also helps you in determining which part of the application you are visiting. This is generic menu which will be shown to all users of the system in contrast to previous menus.

1.2.2.4 Task Menu

Working Semester: All

OBE RESOURCES USER MANUAL LOGOUT (MUAZZAM ARSLAN)

HOME INSTITUTE OBE ASSESSMENT METHODS REPORTS SETTINGS ADMIN

View Course

Home / Courses / testcourse

11 - testcourse

View

Program Batches

Course Learning Outcomes

Attachments

Course Sections History

PLO Recommendations/ Comments

CLO Recommendations/ Comments

Create Update Manage Delete Create Survey

Code 11

Name testcourse

Credit Hour 3 + 3

Active Yes

Elective No

Course Level

Department [Department of Information and technology](#)

Base Type CLO Based

Supervisor Based No

Task menu is one of the most useful menu as it provides you contextual options. Due to its contextual nature you don't need consult other menus to perform related functions. In above screen short task menu displays tabs for checking which program batches are studying the course, which CLO's are defined for the course, etc. All of this information is contextual and provided right under same hood.

1.2.3 Data Panels

1.2.3.1 Data Management Panel

Working Semester: All

OBE RESOURCES USER MANUAL LOGOUT (MUAZZAM ARSLAN)

HOME INSTITUTE OBE ASSESSMENT METHODS REPORTS SETTINGS ADMIN

Manage Programs

Home / Programs / Manage

This section allows you to add academic programs offered at your institute / campus. E.g. Bachelor of Science in Electrical Engineering, O Levels, Grade 5 etc.

Create Export

Displaying 1-5 of 5 results.

Sr.No.	Name	Short Name	Program Level	Department	No of Semester	Assessment Method	Marks %	Students %	
1.	Bachelor in Electrical Engineering	BEE	Bachelor 14 Years	Department of Electrical Engineering	1	None	41	61	
2.	Bachelor of computer science	BSCS	Bachelor 14 Years	Department of IT	2	Washington Accord/ Bloom's Taxonomy	30	30	
3.	BS-Islamic EE	ISEE	Bachelor 16 Years	Department of Electrical Engineering	8	Washington Accord/ Bloom's Taxonomy	50	60	
4.	BS-TEST PROGRAM	BS	Bachelor 14 Years	Department of IT	6	Washington Accord/ Bloom's Taxonomy	30	30	
5.	MS Electrical Engineering	MS EE	MS/MPHil 18 Years	Department of Electrical Engineering	4	Washington Accord/ Bloom's Taxonomy	50	60	

Waiting for vs.task to...

Offline

Data management panels display data aggregate with powerful search and management features. They are especially useful when you need to do perform bulk operations. In up screen shot this data panel is for managing academic programs. All the Meta information for a program is present with edit delete options. You can search program through using any attributes like name, short name etc.

1.3.1 Washington Accord & OBE

1.3.1.1 Washington Accord

The Washington Accord is an international accreditation agreement for professional engineering academic degrees between the bodies responsible for accreditation in its signatory countries. Established in 1989, the full signatories as of 2018 are Australia, Canada, China, Hong Kong, India, Ireland, Japan, Korea, Malaysia, New Zealand, Pakistan, Peru, Philippines, Russia, Singapore, South Africa, Sri Lanka, Taiwan, Turkey, the United Kingdom and the United States. Washington accord is OBE based. We will talk about it in upcoming section

1.3.1.2 PEC Accreditation

PEC is the accreditation body for engineering programs which evaluates engineering program compliance to outcome based education (OBE) along its other responsibilities.

1.3.1.3 OBE

Outcome-based education (OBE) is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. These goals are evaluated and measured.

1.3.1.4 PEO : Program Education Objectives

Program educational objectives describe the career and professional accomplishments that programs are preparing graduates to attain within a few years of graduation

1.3.1.5 PLO: Program Learning Outcomes

Course Learning Outcomes (CLOs) for an academic program are defined as the knowledge, skills, or behaviors that a program's students should be able to demonstrate upon program completion.

There are 12 PLOs defined by PEC.

1.3.1.6 CLO: Course Learning Outcomes

Course learning outcomes are statements that describe significant and essential learning that learners have achieved, and can reliably demonstrate at the end of a course

1.3.2 Blooms Taxonomy: Glue Of The Methodology

Bloom's Taxonomy was created in 1956 under the leadership of educational psychologist Dr Benjamin Bloom in order to promote higher forms of thinking in education, such as analyzing and evaluating concepts, processes, procedures, and principles, rather than just remembering facts (rote learning). It is most often used when designing educational, training, and learning processes.

The Three Domains of Learning

- **Cognitive:** mental skills (*knowledge*)
- **Affective:** growth in feelings or emotional areas (*attitude or self*)

- **Psychomotor:** manual or physical skills (*skills*)

1.3.3 Data Exchange: Excel Sheets integration

Excel is de-facto data processing tool for academia and its use is widespread. Whether its student's marks sheet, result break down, etc. excel is the preferred tool for managing data. Q-OBE comes with some unique and handy features which enables you to directly import your excel sheets into Q-OBE system or export data from Q-OBE in form excel sheets. Import and export buttons are displayed where data import and export is required

The screenshot shows the 'View Course Section' page in the Q-OBE system. The top navigation bar includes links for HOME, INSTITUTE, OBE, ASSESSMENT METHODS, REPORTS, SETTINGS, and ADMIN. The main content area is titled 'View Course Section' and shows details for 'CS-101- Fundamentals of Computers'. Below this, there is a 'Class Activities' section with buttons for 'Add Class Activity', 'Bulk Creation', 'Add Rubric', 'Import Class Activities', 'Export', and 'Import Activity Outcomes'. A table below shows 'Total 6 results.' with columns for Sr.No., Assessment Method, Date, Name, Total Marks, and GPA %.

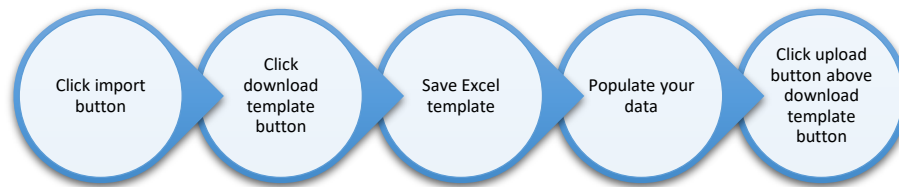
The screenshot shows the 'Manage Courses' page in the Q-OBE system. The page displays a table of courses with columns for Sr.No., Code, Name, Department, Credit Hour, Course Level, Elective, Active, Program Batch, and Knowledge Profiles. The table shows two courses: 'Electromagnetism' and 'Electromagnetism -II'. Above the table, there are buttons for 'Create', 'Import', and 'Export'.

Sr.No.	Code	Name	Department	Credit Hour	Course Level	Elective	Active	Program Batch	Knowledge Profiles
1.	301	Electromagnetism	Department of Electronics Engineering	3 + 1	Undergrade	No	Yes	BS-EE-01, BCV-Spring-19	WK1
2.	401	Electromagnetism -II	Department of Electronics	3 + 1	Undergrade	No	Yes	BS-EE-01, BCV-	WK1

Above screen shows buttons for import and export at different sites of application.

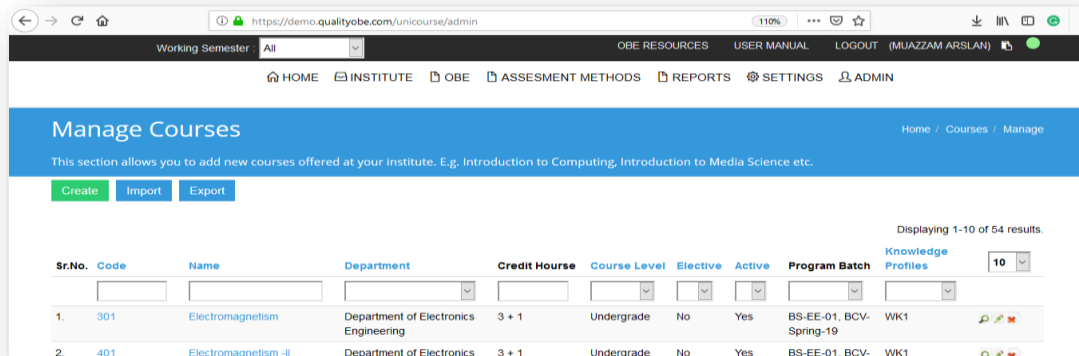
For importing data Q-OBE offers a powerful Excel based **template system**. This system let you by pass forms for data entries. All you need is to download excel and populate it with your data. We know you! Once your data is populated simply upload the sheet back to the system. We will see utility of this feature in different scenarios in later chapters.

The overall process is as following

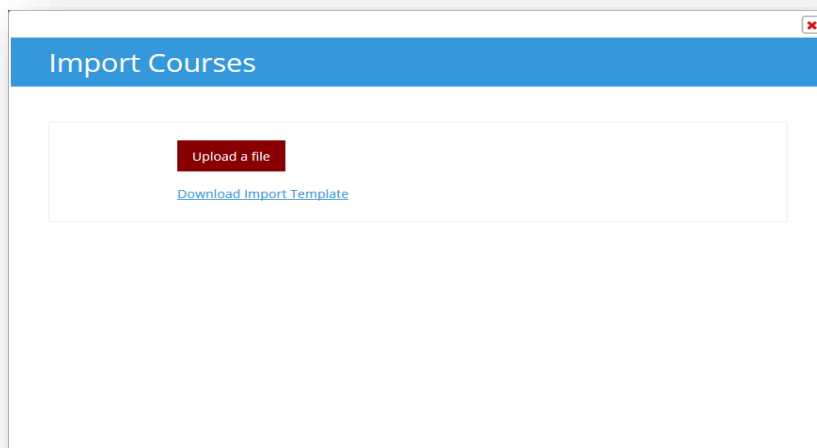


For demonstration we take example of adding a courses using template system.

- 1) We navigate to institute menu and click courses. This takes us to manage courses data panel.



- 2) Click import button. This will open an overly window.



- 3) Download the template by clicking download template. An excel sheet will be downloaded to your local system.

4) Open the excel sheet. It should look like this.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Code	Name	Theory	Lab	Elective(Y/N)	Semester	Department						
2	HU-101	English-I	3	0	Y	1	Department of Basic Sciences						
3	CS-111	Computer Fundamentals	3	1	N	2	Department of Computer Sciences						
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													

- 5) Populate fields as above. Fields with red color are essential to be filled while with blue can be skipped.
- 6) If everything goes right following success message will appear with total number of courses added to the program.

Working Semester : All

OBE RESOURCES USER MANUAL LOGOUT (MUJAZZAM ARSLAN)

HOME INSTITUTE OBE ASSESSMENT METHODS REPORTS SETTINGS ADMIN

Manage Courses

Home / Courses / Manage

This section allows you to add new courses offered at your institute. E.g. Introduction to Computing, Introduction to Media Science etc.

2 Courses were added in the Program

Create Import Export

Displaying 1-10 of 57 results.

Sr.No.	Code	Name	Department	Credit House	Course Level	Elective	Active	Program Batch	Knowledge Profiles
1.	11	testcourse	Department of Information and technology	3 + 3	No	Yes	Yes	BS-EE-01, BS-EE-02	10



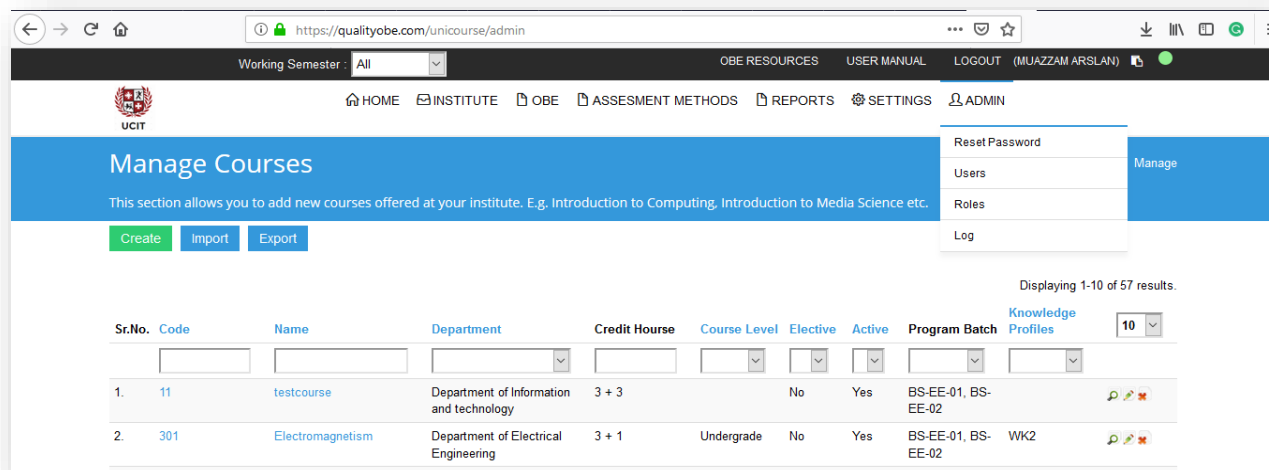
If the any field has in valid value the success message will show 0 entries eg. 0 courses.

1.4 Users & Roles

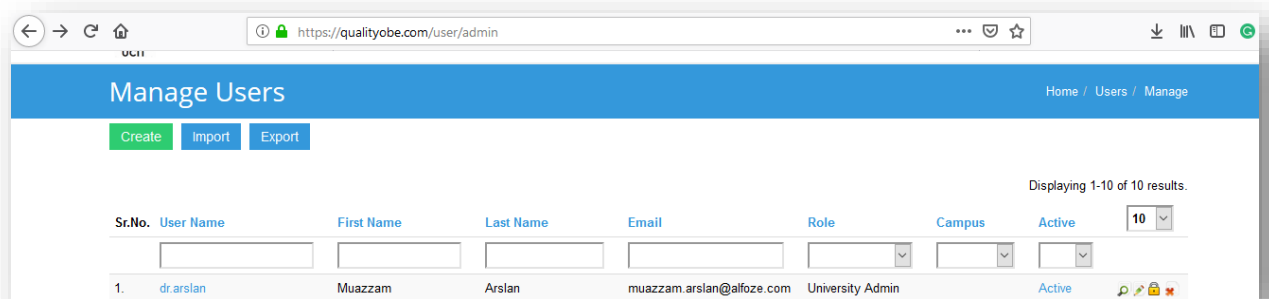
To enter a house, you need a door, to open a lock you need a key and to access Q-OBE you need be a valid user of the system. Just like your organization where every department has different role and a person within that department has assigned a designation the very same concept is endorsed in Q-OBE through Identity and access management system, Yeah a fancy term. But don't be afraid it's as easy as rest of the system.

A user need an active account to be part of the system and valid credentials to use the system. An access to different section eg institute, departments, settings are privileged according to the assigned role.

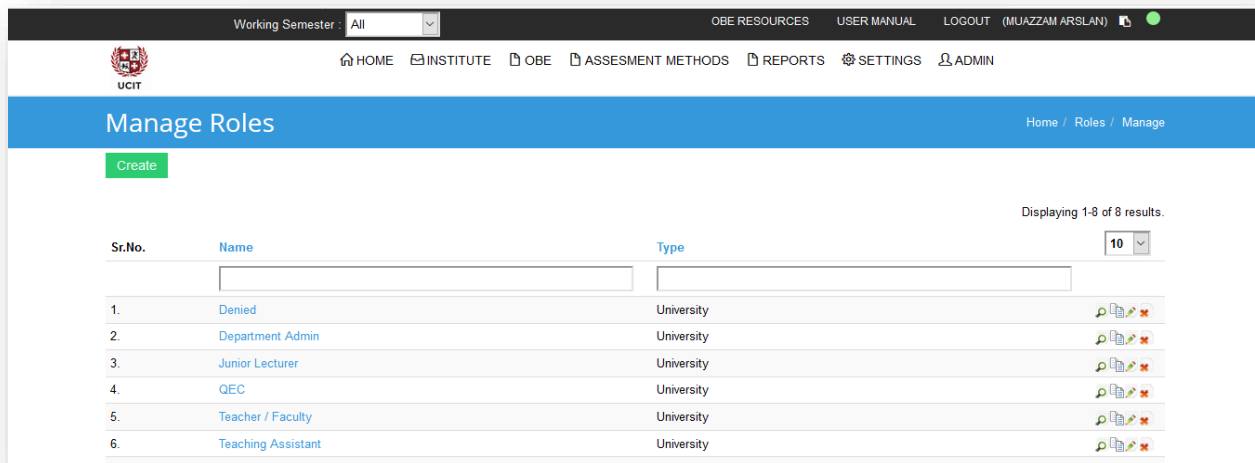
Users & role management can be accessed through admin tab in operation menu. This is how it looks



1.4.1 User management data panel



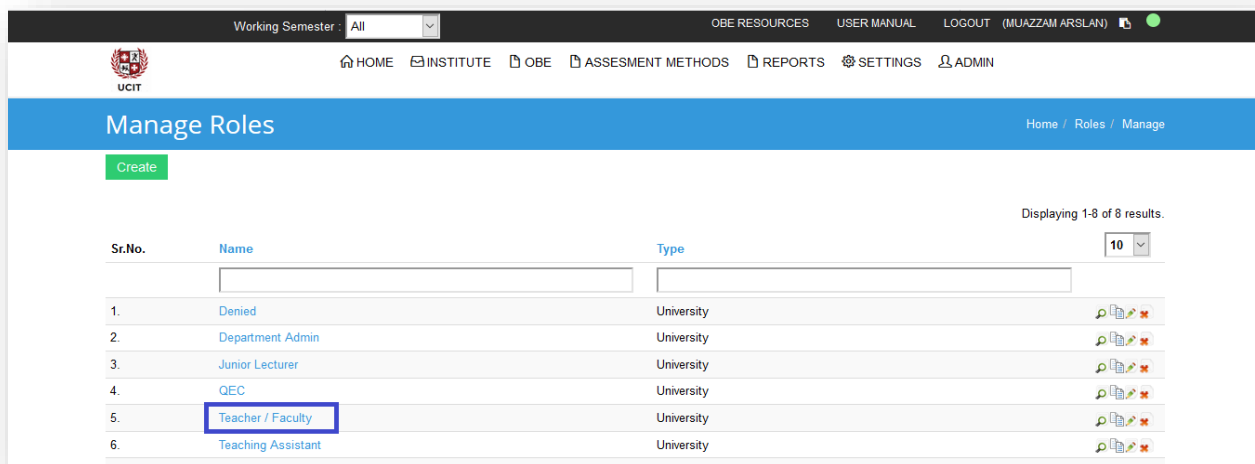
1.4.2 Role management data panel



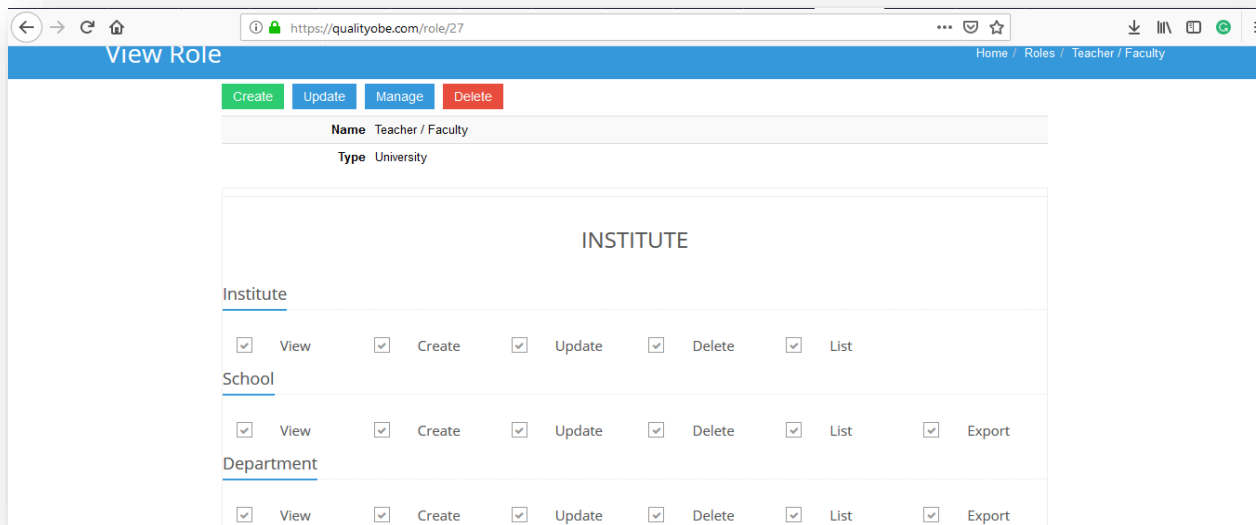
1.4.3 Roles: Mastering privacy

As discussed in previous sections user roles manage a user's access to data. Roles are manifestation of permissions assigned to a role which can be privileged or revoked. I know I am getting techy and hard to swallow but don't worry your IT big boys will love this, we know each other. If you are not concerned with this section just get "Fascinated". Some big boys at Alfoze have already created user roles to facilitate you. These systems defined roles are fixed and cannot be changed. Oh! That feeling of being chained, good news is that you can create custom roles or clone an already exiting role as much as you can. Through simple example lets understand how these permissions work by using faculty role.

- 1) Click Teacher / Faculty role in roles management data panel



- 2) If things gone well following screen will be shown.

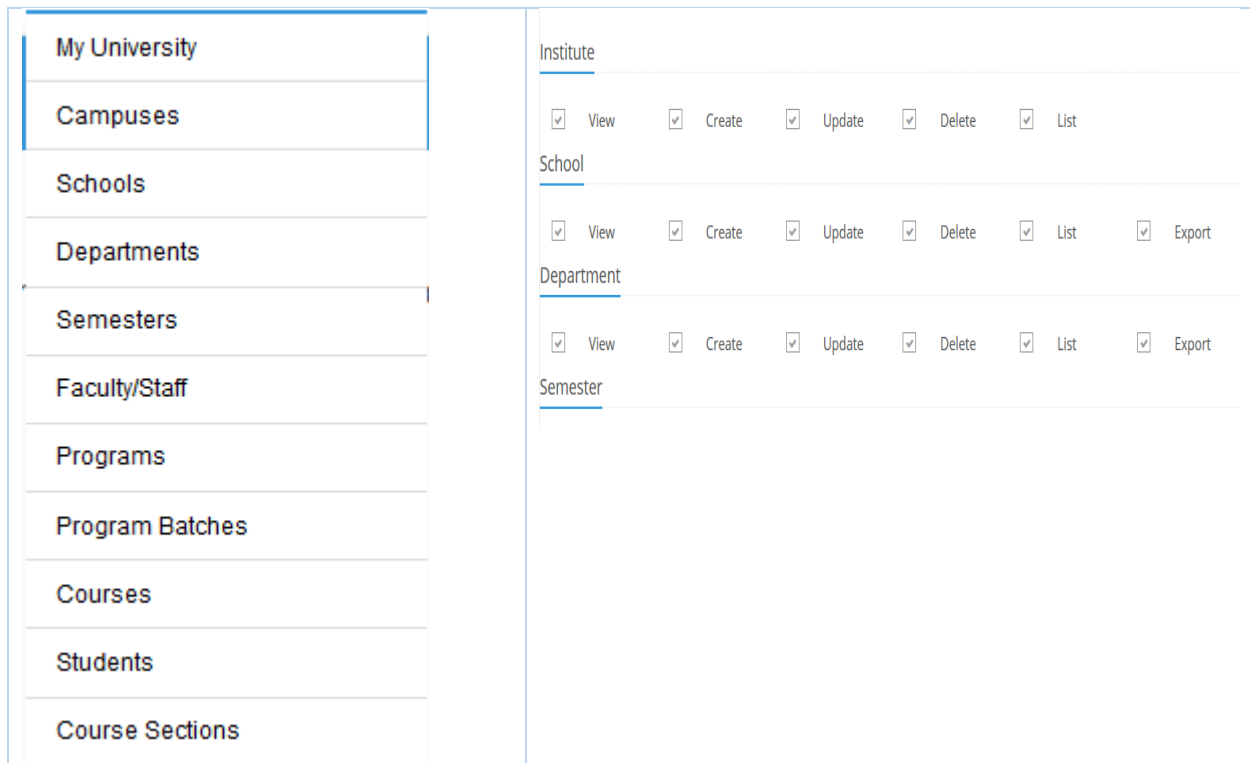


- 3) These permissions work in Denial Mode. Which the check box represents that permission is denied not granted. Here we recall our legendary Operations Menu because whole permission data management panel controls operations, after all we are controlling access to portions of the system.

HOME INSTITUTE OBE ASSESMENT METHODS REPORTS SETTINGS ADMIN

- 4) Let's explore institute tab in operations menu and maps some of its options it to permissions data management panel.

Operations Menu	Permissions Data Panel
-----------------	------------------------



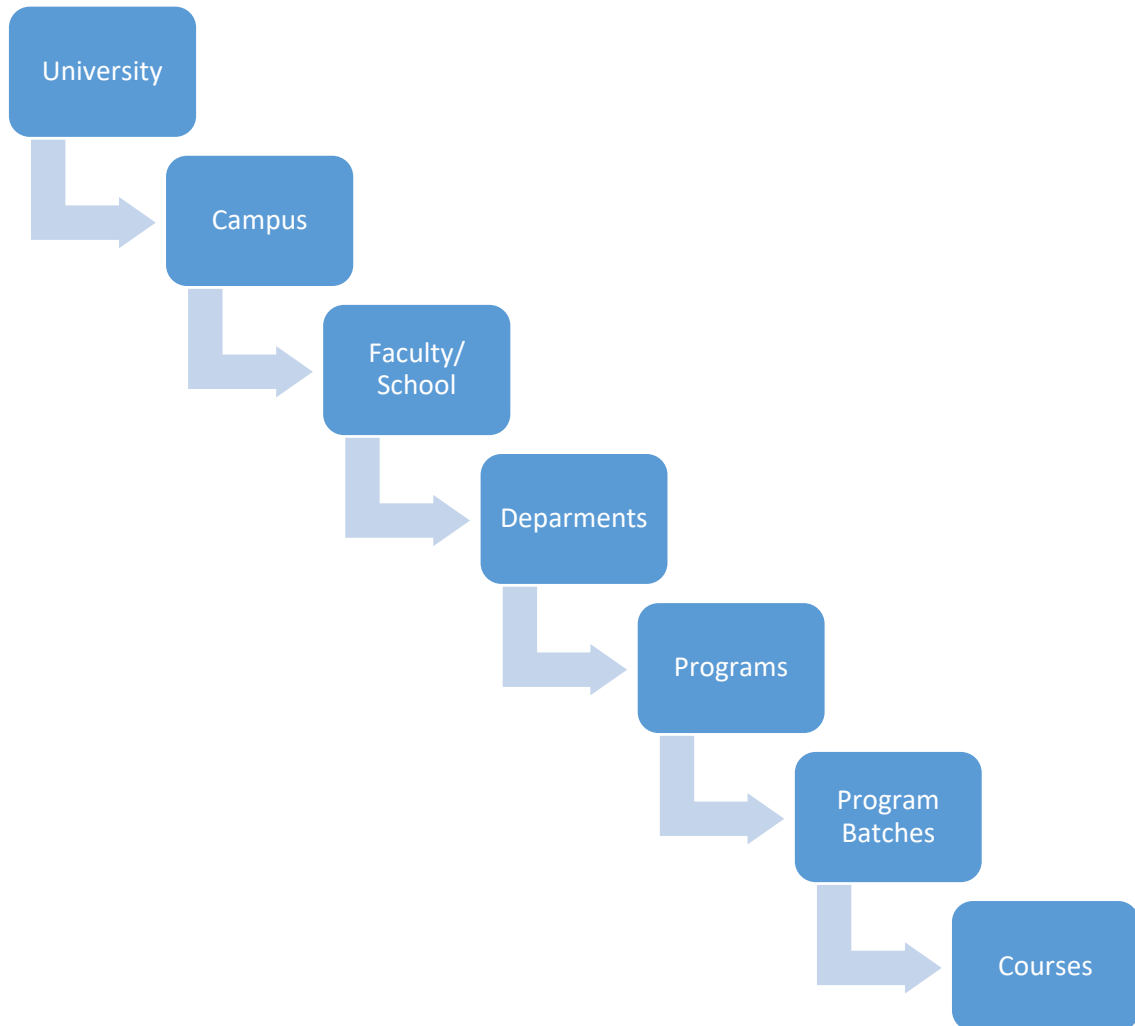
- 5) So by comparing both the pictures become clear that how through granting and revoking permission you can manage desired access for a role.
- 6) Permissions control operations for View, Create, Update, Delete, List, Import and Export
- 7) List controls menus as well data management panels for a role.
- 8) For example, if we uncheck view check box we can permit faculty role to view institute menu as well information.

2. Main Menu

2.1 Institute Hierarchy

Each and every organization, Institute or firm has a hierarchy. When it comes to higher education institutes there is very common hierarchy exists with difference of some naming conventions. This hierarchy enforces separation of concerns as well privacy with different functioning units of an institute.

Q-OBE does it very efficiently by organizing the hierarchy of an institute in coherent manner yet keeping data encapsulated. Following diagram shows how an institute is modeled in Q-OBE.



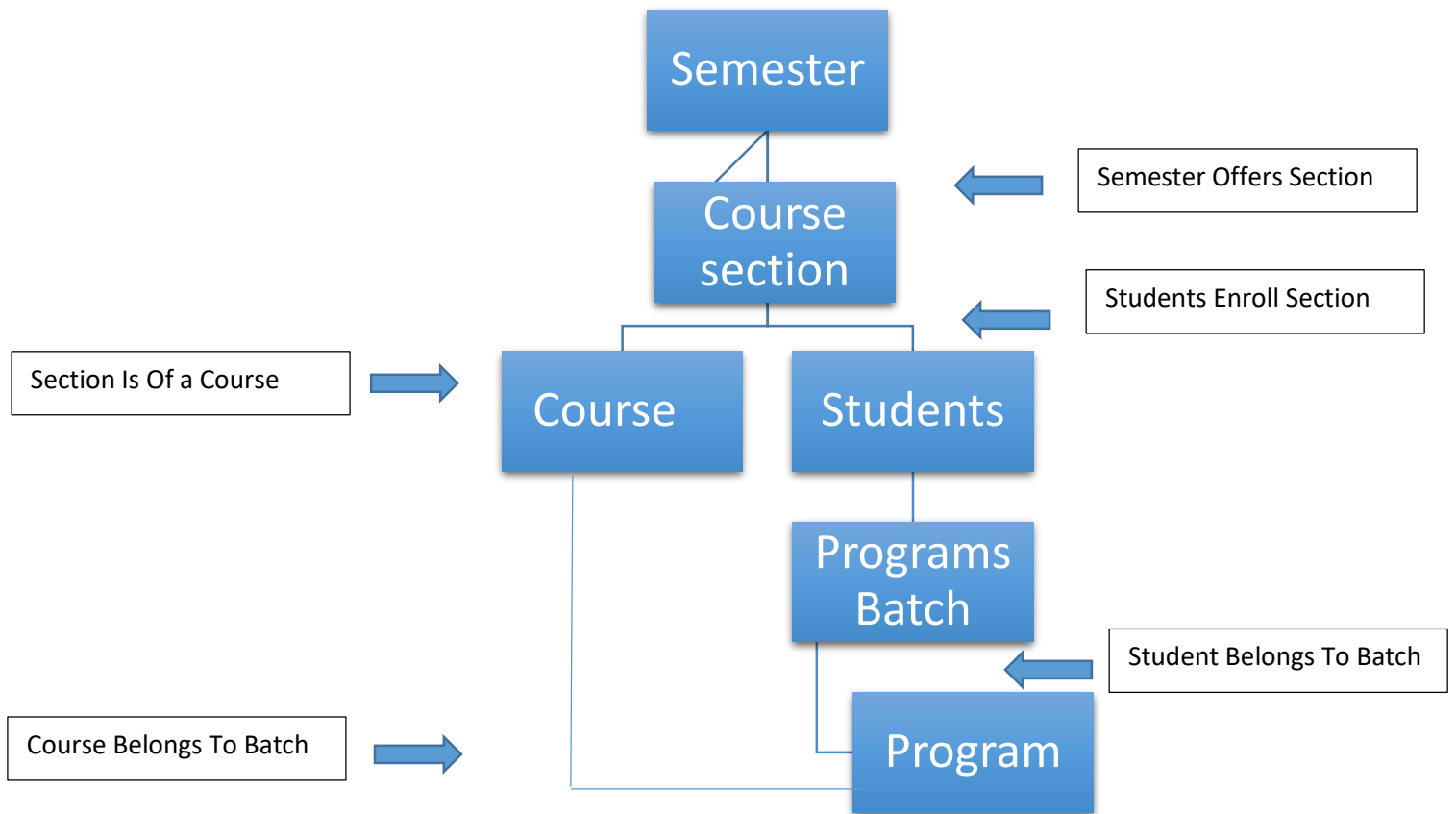
While this is the simplest modeling of institute there are much more flexible options available for managing hierarchy. For example, a course can be for multiple program and batches. So this actually opens a cyclic approach rather than purely linear.

2.2 Semester

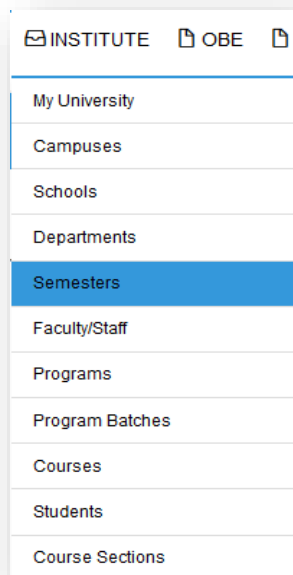
We love semester! Because that's where we actually work and translates our dreams to realities. There are three possible semesters within an academic year

- 1) Spring
- 2) Summer
- 3) Fall

Students of different batches enroll courses according to course offering and their academic road map if applicable. That's how a semester manages course offering. We will discuss courses and course section in more detail in upcoming section. This is how a semester and course interact.



Semester's management data panel is accessed from operation panel by clicking institute and its sub menu tab semesters.



2.2.1 Semester Data Panel

The screenshot shows the 'Manage Semesters' panel in the QualityOBE system. The panel has a blue header with the title 'Manage Semesters' and a breadcrumb trail 'Home / Semesters / Manage'. Below the header, there is a description: 'This section allows you to create academic semesters/years in your institute. You may select start and end as per your academic calendar'. There are two buttons: 'Create' (green) and 'Export' (blue). Below the buttons, there is a table displaying a list of semesters. The table has columns: Sr.No., Year, Name, Start Date, End Date, Completed, and a dropdown menu. The table shows 5 results, with the first 5 rows visible. The first row is for the year 2010-2011, semester 'Fall 2014', with start and end dates of 01-01-1970, and a 'Completed' status of 'No'. The other rows are for 'Fall 2015', 'Fall 2016', 'Peter Winter', and 'Spring 2015', all with the same start and end dates and 'Completed' status.

Sr.No.	Year	Name	Start Date	End Date	Completed	
1.	2010-2011	Fall 2014	01-01-1970	01-01-1970	No	
2.	2010-2011	Fall 2015	01-01-1970	01-01-1970	No	
3.	2010-2011	Fall 2016	01-01-1970	01-01-1970	No	
4.	2010-2011	Peter Winter	01-01-1970	01-01-1970	No	
5.	2010-2011	Spring 2015	01-01-1970	01-01-1970	No	

Semester data panel displays all the semesters created till date. Here it's worth to mention that semesters are independent of batches. Which means you will only create one semester as per academic session eg. Spring 2019 not batch wise like BS-EE-19 because batches are automatically assigned to a semester once a student from a batch enrolls a course for a particular semester.





So let's see how this concept actually works. For example, we take Fall 2014 semester (The first in the list). By clicking on its name in the blue it will take us to the semester. Which looks like below

The screenshot shows the 'View Semester' panel in the QualityOBE system. The panel has a blue header with the title 'View Semester' and a breadcrumb trail 'Home / Semesters / Fall 2014'. Below the header, there is a sidebar on the left with a dropdown menu 'Semester' and two options: 'View' and 'Course Sections'. The main content area has four buttons: 'Create' (green), 'Update' (blue), 'Manage' (blue), and 'Delete' (red). Below the buttons, there is a form with the following fields: 'Year' (2010-2011), 'Name' (Fall 2014), 'Start Date' (01-01-1970), 'End Date' (01-01-1970), 'Completed' (No), and 'Notes'.

Well here it provides options for creation of new semester, updating it, etc. but our main interest here is in course sections. So let's click on course section.

Semester	Fall 2014
View	Course Sections
Course Sections	Create Course Section Export

Total 4 results.

Sr.No.	Course	Semester	Name	Teacher	Program Batch	Section	Finished	Include in OBE
1.	301- Electromagnetism	Fall 2014	@	Dr. Asma Al-Turkastani	BS-EE-01	No	Yes	
2.	EE-509- Electromagnetic Field	Fall 2014	FALL 2014 EE-503	Dr. Alex Stewart	BS-EE-01	No	Yes	
3.	EE-510- Electrical Machines Introductions	Fall 2014	FALL 2014 E-502	Dr. Peter Johnson	BS-EE-01	No	Yes	
4.	EE-516- Communication Systems Introduction	Fall 2014	FALL 2014 EE-501	Dr. Simon Joe Friaser	BS-EE-01	No	Yes	

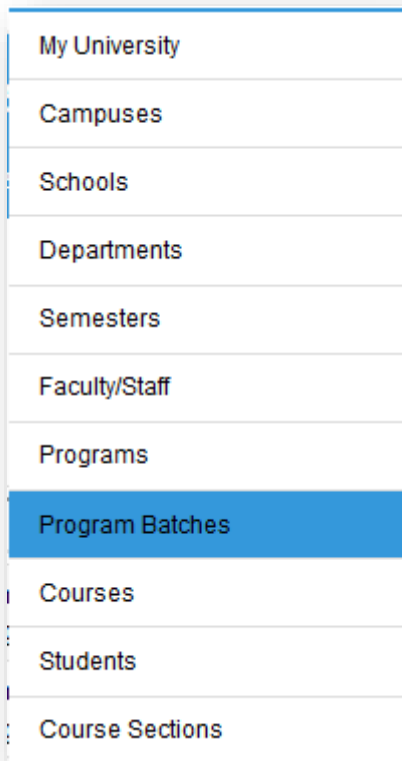
Take a deep look at the above image. It shows which courses are offered in the selected semester and the third column shows name of the section offered of the course. Program batch column marked with blue shows which program batch has enrolled the course.

2.3 Courses & Sections

Courses are part of academic road map which may or may not varies with program batches. So may a batch of BS electrical engineering have may have same course outline for intake of 2015, 2016, 2017, 2018 has some courses or has minor change. Well realistically speaking because scheme studies are governed by PEC a change is very rare to occur so usually courses are consistent on program level.

Courses can be explored through course management data panel but we will navigate to courses through program batches. So lets consult our operation menu.

- 1) Click institute in operations panel.
- 2) Click program batches in sub menu.



- 3) This will take you the program management data panel. It will show data according to the program batches in the system. For sake example take BS-EE-01 2010 intake.

UCIT

HOME INSTITUTE OBE ASSESSMENT METHODS REPORTS SETTINGS ADMIN









Manage Program Batches

Home / Program Batches / Manage

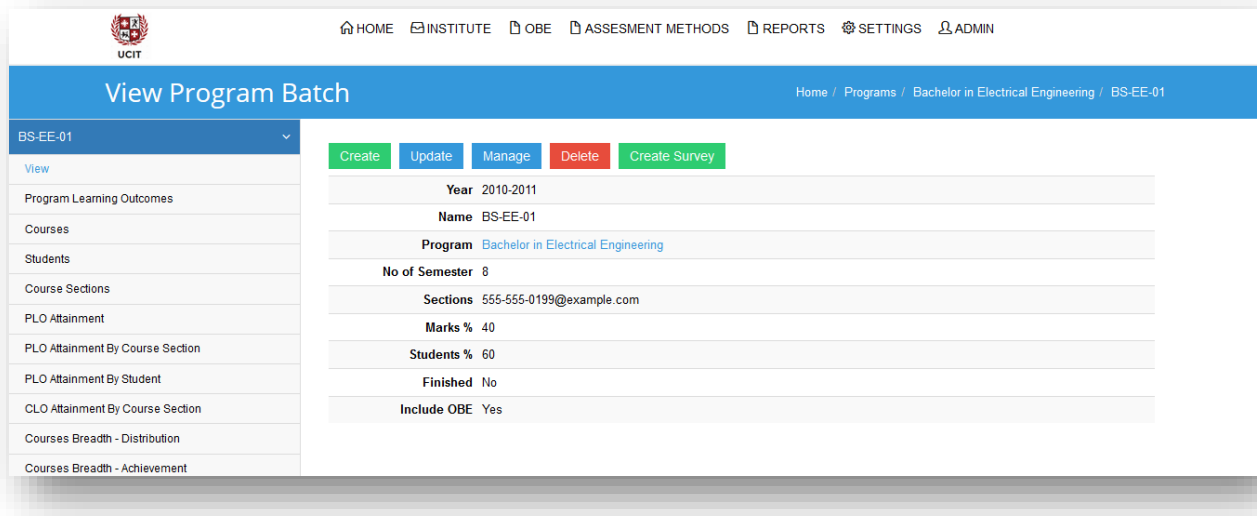
This section allows you to add a new batch or class for a program offered at your institute.

Create Export

Displaying 1-5 of 5 results.

Sr.No.	Year	Name	Program	No of Semester	Finished	Include OBE	Sections	Marks %	Students %	
1.	2010-2011	BEE	Bachelor in Electrical Engineering	1	No	Yes		40	60	 
2.	2010-2011	BS-EE-01	Bachelor in Electrical Engineering	8	No	Yes	555-555-0199@example.com	40	60	 
3.	2010-2011	BS-EE-02	Bachelor in Electrical Engineering	8	No	Yes	555-555-0199@example.com	40	60	 
4.	2017-2018	ISEE-Fall-2017	BS-Islamic EE	8	No	Yes	2	70	80	 

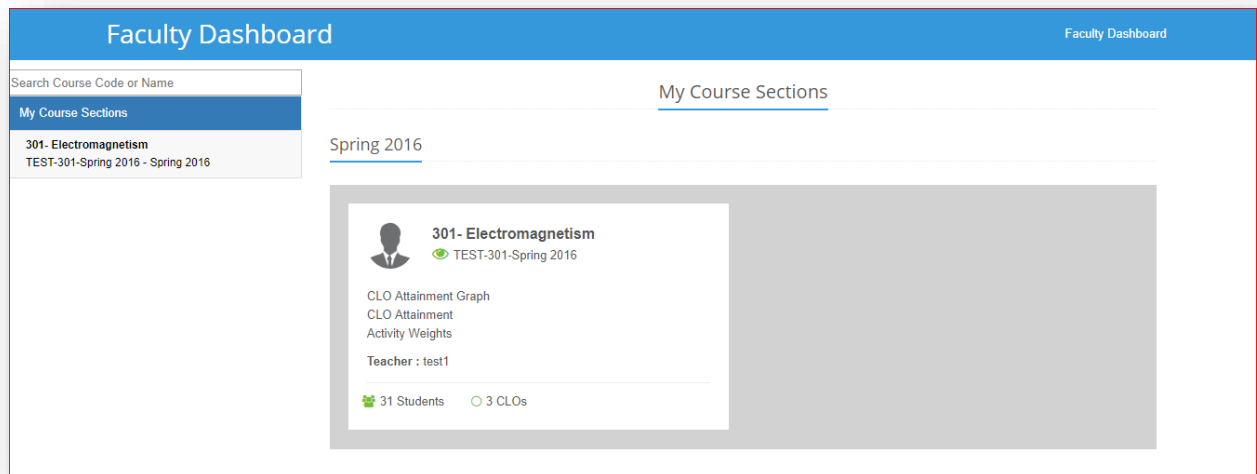
- 4) Click on selected program batch. This will take you to the aggregate information of this program batch. Task menu at the left show tons of the option but we will stick to the courses.



- 5) Click on the courses tab in task menu. This will show all the courses within batch and also offers different options for managing courses

3. Faulty Dashboard

After login, users with faculty role will see a Dashboard



Left menu show list of course/s assigned to faculty member. Please click the course to view the options available.

View Course Section

Home / Course Sections / TEST-301-Spring 2016

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

Search Course Code or Name

My Course Sections

301- Electromagnetism

TEST-301-Spring 2016 - Spring 2016

Manage

Year 2010-2011

Semester Spring 2016

School Main Faculty

Name TEST-301-Spring 2016

Teacher test1

Course 301- Electromagnetism

Section

Marks % 40

Students % 60

Finished No

Include in OBE Yes

Knowledge Profiles WK2 - Conceptually-based mathematics, numerical analysis, statistics and formal aspects of computer and information science to support analysis and modeling applicable to the discipline

Students! This Course Section have 31 Students from Program Batch BS-EE-01

Activities! This Course Section has 7 activities

Section Teaching Plan! You can add Section Teaching Plan in this Course Section. Add Section Teaching Plan

CLO Attainment! CAR(s) have been generated please perform the activities as desired for Course Section. Add CQI Activities

Student Remarks

Add Report PDF Excel

3.1 View CLOs

Please click the highlighted menu under selected course and you will view list of all CLOs associated with this course. Emphasis Level, Learning types and mapping of each CLO with PLO/s is also shown in list. CLO type and Date of creation is also available.

IF the department policy allows, then faculty member can also create CLO. The CLO created by faculty member is marked as **Custom type**

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

CLOs

Export

Used CLOs

Total 2 results.

Sr.No.	Code	Description	Learning Type/Level	Emphasis Level	PLO	Type	Created When
1.	CLO-1	Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.	C1	3. Low	PLO 1- Engineering Knowledge	Standard	
2.	CLO-2	Analyze the behavior of electric and magnetic fields at boundaries of different mediums	C1	3. Low	PLO 2- Problem Analysis	Standard	

Unused CLOs

Total 3 results.

Sr.No.	Code	Description	Learning Type/Level	Emphasis Level	PLO	Type	Created When
1.	CLO-3	Understand and apply Maxwell's Equations.	C1	3. Low	PLO 1- Engineering Knowledge	Standard	
2.	CLO-4	Understand Phenomenon of Electromagnetic Wave Propagation.	C1	3. Low	PLO 1- Engineering Knowledge	Standard	
3.	CLO-5	Engineering Modelling Fundamentals	C1	2. Medium	PLO 1- Engineering Knowledge	Custom	27-03-2019

Course Learning Outcomes

Create CLO

Total 1 result.

Sr.No.	Code	Description	Learning Type/Level	Emphasis Level	PLO	Active
1.	CLO-5	Engineering Modelling Fundamentals	C1	2. Medium	PLO 1	Yes

3.2 Section Teaching Plan

Please click the highlighted menu under selected course section and you can add teaching plan of whole semester. Map CLOs with class activities.

This will give you the overview of complete semester. You can also export teaching plan in Excel format.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Section Teaching Plan

Add Section Teaching Plan

Export

Total 2 results.

Sr.No.

1.

Plan2

From :

To :

Subject: EE

Topics:

CLOs:

CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics. (PLO 1- Engineering Knowledge - C1)

CLO-2 - Analyze the behavior of electric and magnetic fields at boundaries of different mediums (PLO 2- Problem Analysis - C1)

CLO-3 - Understand and apply Maxwell's Equations. (PLO 1- Engineering Knowledge - C1)

CLO-4 - Understand Phenomenon of Electromagnetic Wave Propagation. (PLO 1- Engineering Knowledge - C1)

Class Activities:

Quiz 3

Quiz 1

Final

Quiz 2

Assignment 1

Assignment 2

Quiz 4

Quiz 5

Viva 1

Comments:

Add Attachment

Total 1 result.

Sr.No.

File Name

Creation Date

1.

ClassRoomResultGPA_2018Dec28-161328.pdf

2018-12-28 11:41:17

2.

Week1

From : 01-03-2018

To : 24-03-2018

Subject: Fundamentals

Topics: CS

CLOs:

CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics. (PLO 1- Engineering Knowledge - C1)

Class Activities:

Quiz 5

Comments: CComments

Add Attachment

Sr.No.

File Name

Creation Date

No results found.

3.3 Activity Weights (GPA)

When you select the highlighted menu under the selected course section. You can add activity weight for the GPA calculations of particular course section.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments













EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activity Weights (GPA)

Add Class Activity Weight

Total 6 results.

Sr.No.	Activity	Weight	Calculation Mode	N-1 Type	
1.	Quiz	15.00	Automatic	Normal	 
2.	Final Exam	30.00	Automatic	Normal	 
3.	Assignment	15.00	Automatic	Normal	 
4.	Mid Term / Sessional Exam	20.00	Automatic	Normal	 
5.	Project Work / Lab Work / Class Work	20.00	Automatic	Normal	 
6.	Viva	0.00	Automatic	Normal	 
Total Weight :		100.00			

3.4 Activity Weight (OBE)

Please click the highlighted men under selected course and you will view list of all activities created selected for CLO attainment for this particular course section. Each CLO is assigned to a particular Academic activity (like Assignment) OR Sub Activity (Question level) when activity/sub activity is created. Weight of each activity / sub activity can be edited to adjust attainment results.

If you click on **Even weights** each activity is assigned equal weight, regardless of what their actual weight is. So each activity will be contributing equally in that particular CLO.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

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Class Assistants

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CMS Planning

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EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

CLO-1

		Actual Weight	Normalized Weight
Quiz 3	Q1	10.00	0.00
Quiz 1	Q1	10.00	0.00
Final	Q2	40.00	0.00
Quiz 2	Q2	10.00	0.00
Assignment 2	A2	10.00	0.00
Mid Term / Sessional Exam 3	Q1	0.00	0.00
Total	Even Weight	80	0

Save

CLO-2

		Actual Weight	Normalized Weight
Assignment 1	A1	10.00	0.00
Assignment 2	Q1	20.00	0.00
Quiz 4	Q4	10.00	0.00
Quiz 5	Q5	10.00	0.00
Total	Even Weight	50	0

3.5 Managing Class Activities

3.5.1 How to Add new class activity

Please select the highlighted menu and then select the Highlighted button “Add Class activity”

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLo Attainment Graph

PLo Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

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Activity Weights (GPA)

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Section Teaching Plan

CMS Planning

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EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activities

Add Class Activity

Bulk Creation

Add Rubric

Import Class Activities

Export

Import Activity Outcomes

Export Activity Outcomes

Total 6 results.

Sr.No.	Assesment Method	Date	Name	Total Marks	GPA %
1.	Assignment	03-10-2016	Assignment 1	10	5%
2.	Assignment	03-10-2016	Assignment 2	10	10%
3.	Final Exam	03-10-2016	Final	100	30%
4.	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	20%
5.	Quiz	03-10-2016	Quiz 1	10	7.5%
6.	Quiz	03-10-2016	Quiz 2	10	7.5%

Code

Activities

CLO-1	Quiz 3, Quiz 2, Quiz 1, Mid Term / Sessional Exam 3, Assignment 2, Final
CLO-2	Quiz 4, Assignment 2, Assignment 1

After this, a Pop-up window will open like following.

Save

Fields marked with * are required.

Activity/Assesment Method *

Name *

Date *

Select Activity/Assesment Method

27-03-2019

Total Marks *

GPA Weight

☐ Complex Engineering Problem
 ☒ Include for GPA Calculation
 ☐ Show Result to Students

0

0.00

Upload start date

Upload end date

☐ Allow students upload

Sub Activities/ Questions

Name *

Max Marks *

% OBE Weight

Complexity

0.00

Select Complexity

CLO

☐ Not for OBE

Question (Guidline for Question)

Answers (Guidline for Answer)

1. Please select the related activity type like Quiz, Assignment
2. In Name field, name for the Activity automatically selected like Quiz #1, Assignment #2. However you can edit the name.
3. In Date field, by default current date will be selected however you can change it.
4. In Total Marks field, Marks of all the sub activities automatically sums up and it is noneditable.
5. In GPA weight field, assign the GPA weightage of that particular class activity.
6. You can also assign upload start and upload end date for that activity. And for this you need to select the check box with caption "Allow student upload".
7. In Sub Activity section, we can add multiple questions under this activity type
8. Add at least one Sub Activity. e.g. Question #1, Assign the Total Marks for this particular question. Also assign the Weight which will be used in CLO attainment (if this sub activity is assigned to a CLO)
9. In case you do not want this sub activity to be included in OBE Assessment, please check the Box with caption "Do Not Include in OBE Calculation"
10. In Question Field, you may write actual Question / statement.
11. In Answer field, you can also add the answer to that question.
12. From List of CLOs, please select the CLO which needs to be assigned to this Sub Activity
13. Press "Add" to add a new sub activity / question, if needed.
14. Press Save to complete.
15. A single question can be assigned to multiple CLOs (if institutional policy allows it).
16. Once finished, you will see the new activity in the list of all activities with current date.

3.5.2 Import Class Activities

Class activities can be created using import option. You may create all activities planned for course using a template given in MS Excel format.

To do this, please select class activities from left menu and then select the highlighted Button.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

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Marks (GPA)

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Activity Weights (OBE)

Activity Weights (GPA)

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Attachments

EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activities

Add Class Activity

Bulk Creation

Add Rubric

Import Class Activities

Export

Import Activity Outcomes

Export Activity Outcomes

Total 7 results.

Sr.No.	Assesment Method	Date	Name	Total Marks	GPA %	
1.	Assignment	03-10-2016	Assignment 1	10	3%	
2.	Assignment	03-10-2016	Assignment 2	10	6%	
3.	Assignment	27-03-2019	Assignment 3	30	6%	
4.	Final Exam	03-10-2016	Final	100	30%	
5.	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	20%	
6.	Quiz	03-10-2016	Quiz 1	10	7.5%	
7.	Quiz	03-10-2016	Quiz 2	10	7.5%	

Code	Activities
CLO-1	Quiz 1, Assignment 2, Quiz 2, Final, Mid Term / Sessional Exam 3
CLO-2	Assignment 3, Assignment 1, Final

Following Pop-up Window will appear

Import Class Activities

It is recommended to upload excel file with maximum of 50 rows at time for proper working.

Upload a file

Download Import Template

You can download the template from link **“Download Import Template”** given under Upload file button and then edit offline.

	A	B	C	D	E	F	G	H	I	J
1	Section Name	Activity	Name	Date	Total Marks	Sub Activity Name	Sub Activity Max Marks	Sub Activity Weight	CLO	Question
2		Quiz	Quiz 1		10	Q1	10	10	CLO1,CLO2	
3		Quiz	Quiz 1		10	Q2	10	20	CLO3	
4		Quiz	Quiz 2		10	Q1	10	10	CLO3	
5		Assignment	Assignment 1		20	A1	20	30	CLO2	
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										

You may use this template sheet to generate major class activities; later sub activities

(Questions) can be added later from Dashboard. This is how you can fill in the template

1. In Section Name Write Course Name or leave it blank
2. In Activity, Main Activity type like Quiz or Assignment will appear. For this please use exact word.
3. In Date, date of activity to be mentioned
4. In Total Marks, please add total marks for Activity
5. In Sub Activity, write name of Sub Activity like Question #1 (at least one sub activity /question is mandatory)
6. Then in Sub Activity Max Marks please write max marks for this sub activity
7. In sub Activity Weight, please assign the weight that will contribute to CLO assessment
8. In CLO, right the CLO short name whatever is given in course
9. In Question, you may write description or statement of sub activity like detail of Question#1

3.5.3 Export Class Activities

You can export list of all activities related to a course. Please press highlighted button.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

- View Course Section
- CLOs
- CLOs Attainment
- CLO Attainment Graph
- CLO Recommendations/ Comments
- PLOs Attainment
- PLO Attainment Graph
- PLO Recommendations/ Comments
- Consolidated Report
- Course Breadth
- Class Activities
- Marks (OBE)
- Marks (GPA)
- CQI
- Activity Weights (OBE)
- Activity Weights (GPA)
- Student Attendance
- Class Students
- Class Assistants
- Section Teaching Plan
- CMS Planning
- Attachments

EE-509- Electromagnetic Field

👁 FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activities

Add Class Activity
Bulk Creation
Add Rubric
Import Class Activities
Export
Import Activity Outcomes
Export Activity Outcomes

Total 7 results.

Sr.No.	Assesment Method	Date	Name	Total Marks	GPA %	
1.	Assignment	03-10-2016	Assignment 1	10	3%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿
2.	Assignment	03-10-2016	Assignment 2	10	6%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿
3.	Assignment	27-03-2019	Assignment 3	30	6%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿
4.	Final Exam	03-10-2016	Final	100	30%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿
5.	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	20%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿
6.	Quiz	03-10-2016	Quiz 1	10	7.5%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿
7.	Quiz	03-10-2016	Quiz 2	10	7.5%	📄 📅 📊 📝 📌 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📘 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿

Code Activities

CLO-1 Quiz 1, Assignment 2, Quiz 2, Final, Mid Term / Sessional Exam 3

CLO-2 Assignment 3, Assignment 1, Final

All Activities will be exported in MS Excel format like this

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Course Section	Activity/Assesment Method	Date	Name	Total Marks	OBE Weight	Include for GPA Calculation	CQI Activity	GPA %	CLO	Question	Complexity	Not for OBE
1	FALL 2014 EE-503	Quiz	03-10-2016	Quiz 1	10	0	Yes		7.5%	CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.			No
2				Q1	10	10.00							
3													
4	FALL 2014 EE-503	Final Exam	03-10-2016	Final	100	0	Yes		50%	CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.			No
5				Q2	40	40.00				CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.			No
6				Q1	20	20.00				CLO-2 - Analyze the behavior of electric and magnetic fields at boundaries of different mediums			No
7				Q3	20	20.00							No
8				Q4	20	20.00							No
9													
10													
11	FALL 2014 EE-503	Quiz	03-10-2016	Quiz 2	10	0	Yes		7.5%	CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.			No
12				Q2	10	10.00							
13													
14	FALL 2014 EE-503	Assignment	03-10-2016	Assignment 1	10	0	Yes		5%	CLO-2 - Analyze the behavior of electric and magnetic fields at boundaries of different mediums			No
15				A1	10	10.00							
16													
17	FALL 2014 EE-503	Assignment	03-10-2016	Assignment 2	10	0	Yes		6%	CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.			No
18				A2	10	10.00							
19													
20	FALL 2014 EE-503	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	0	Yes		20%	CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.	define VGTA switch		No
21				Q1	10	0.00							
22													
23	FALL 2014 EE-503	Assignment	27-03-2019	Assignment 3	50	0	Yes		5%	CLO-2 - Analyze the behavior of electric and magnetic fields at boundaries of different mediums		WP1	No
24				A2	50	50.00							
25													

3.5.4 Import Activities Outcome

This features given you option to import results/outcome of all activities planned / defined for this course. Please select the highlighted button.

View Course Section
Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section
CLOs
CLOs Attainment
CLO Attainment Graph
CLO Recommendations/ Comments
PLOs Attainment
PLO Attainment Graph
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Activity Weights (GPA)
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EE-509- Electromagnetic Field
FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activities

Add Class Activity
Bulk Creation
Add Rubric
Import Class Activities
Export
Import Activity Outcomes
Export Activity Outcomes

Total 7 results.

Sr.No.	Assesment Method	Date	Name	Total Marks	GPA %
1.	Assignment	03-10-2016	Assignment 1	10	3%
2.	Assignment	03-10-2016	Assignment 2	10	6%
3.	Assignment	27-03-2019	Assignment 3	30	6%
4.	Final Exam	03-10-2016	Final	100	30%
5.	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	20%
6.	Quiz	03-10-2016	Quiz 1	10	7.5%
7.	Quiz	03-10-2016	Quiz 2	10	7.5%

Code

Activities

CLO-1	Quiz 1, Assignment 2, Quiz 2, Final, Mid Term / Sessional Exam 3
CLO-2	Assignment 3, Assignment 1, Final

A Pop-up window will appear, with multiple template. This template is generated dynamically and is based on present set of activities and their sub activates.

NOTE: It may vary from course to course based on class activities, please use this downloaded template only for this course.

3.5.5 Import using Template

Import using Template

Please download the excel template and upload once filled in with marks .
Please take great care not to change or delete any existing data (like column name ,
number of columns) in template for system integrity .

Upload a file

Download Template for Activity Outcomes

Please do not edit the column headers / order. Only fill in the marks obtained for each student in each activity. After completing this please use the same upload button on pop-up widow and results will be uploaded.

33

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	A	B	C	D	E	F	G	H	I	J	K	L	M
											Mid Term / Sessional Exam 3	Assignm ent 3	
3			Quiz 1	Final	Final	Final	Final	Quiz 2	Assignm ent 1	Assignm ent 2			
4	Registration No.	Name	Q1 (10) CLO-1	Q2 (40) CLO-1	Q1 (20) CLO-2	Q3 (20)	Q4 (20)	Q2 (10) CLO-1	A1 (10) CLO-2	A2 (10) CLO-1	Q1 (10) CLO-1	A2 (30) CLO-2	
5	2012-BEE001-00	Hassan Abdullah											
6	2012-BEE001-00	Khalid Hussain											
7	2012-BEE001-00	Abdu Rehman											
8	2012-BEE001-00	Usama Ali											
9	2012-BEE001-00	Najwa Harris											
10	2012-BEE001-00	Ain Adam											
11	2012-BEE001-00	Abram Alexander											
12	2012-BEE001-00	Saqeef Nurshah											
13	2012-BEE001-00	Deema Alhamwi											
14	2012-BEE001-00	Peter McDonald											
15	2012-BEE001-00	Tom Nash											
16	2012-BEE001-00	Nancy John											
17	2012-BEE001-00	Bob woo											
18	2012-BEE001-00	Steve Albert											
19	2012-BEE001-00	Ravi Shankar											
20	2012-BEE001-00	David Deckham											

3.5.6 Import using Advance Template

Import Activity Outcome

Import using CSV /Excel Data

Proceed

Import using Advance Template

Please download the excel template to make excel file.
This option will create activities and sub activities for you using excel data.
Be patient! This process may take a while.. please wait

Upload a file

Download Import Template




























Download the advance template. This excel file will create activities and sub-activities for you. With student's marks. Once completed, upload that file using **"Upload file button"**.

New Activities with marks will be added to the system.

	A	B	C	D	E	F	G
1	Activity Type		Quiz	Quiz	Quiz	Assignment	
2	Activity Name		Quiz 1	Quiz 1	Quiz 2	Assignment 1	
3	Sub Activity Name		Q1	Q2	Q1	A1	
4	Max Marks		10	10	10	10	
5	Weight		10	10	10	10	
6	CLOs		CLO1	CLO2	CLO3	CLO2	
7	Reg No	Name					
8	2015BEE7F00001	Student 1	9.17	5	0	0	
9	2015BEE7F00002	Student 2	0	8.5	5.67	5.67	
10	2015BEE7F00003	Student 3	7.5	10	0	0	
11	2015BEE7F00004	Student 4	7.5	1.5	0	0	
12	2015BEE7F00005	Student 5	9.17	0	2	2	
13							
14							
15							
16							

3.5.7 Single Class Activity

Each activity is represented as a separate row having information about Date of creation, Name, Total marks and GPA percentage. Following options can be exercised on each activity:

Assignment	03-10-2016	Assignment 2	10	6%	        
Assignment	27-03-2019	Assignment 3	30	6%	        
Final Exam	03-10-2016	Final	100	30%	        



Edit Activity Info



Delete Activity

iii.



Add/Update Activity Outcome

Directly Update the Student Marks

Add / Update Activity Outcomes

Save

Students Obtained Marks

Registration No.	Name	A2 (10)
2012-BEE001-0001	Hassan Abdullah	6
2012-BEE001-0002	Khalid Hussain	7.50
2012-BEE001-0003	Abdu Rehman	6.50
2012-BEE001-0004	Usama Ali	9
2012-BEE001-0005	Najwa Harris	7
2012-BEE001-0006	Ain Adam	8.50

iv.



Download Excel Template for Outcome
(for Import)

v.



Import Activity Outcome / All students

vi.



Export Class Sub Activities
(MS Excel format)

vii.



Add/Update remarks for students and
see their uploads.



Download PDF question paper



Download MS word question paper



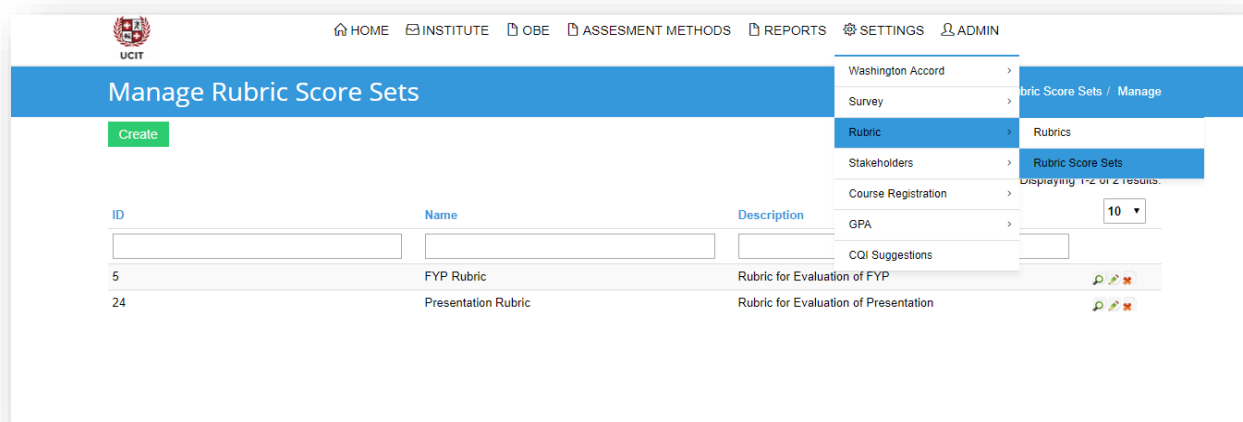
Add attachment

3.6 Rubric

Rubric is a scoring guide used to evaluate the quality of students. Rubrics usually contain evaluation criteria, quality definitions for those criteria at particular levels of achievement, and a scoring strategy.

3.6.1 Rubric Score Set

Please select the highlighted menu and create the score set of your rubric by clicking on create button.



ID	Name	Description
5	FYP Rubric	Rubric for Evaluation of FYP
24	Presentation Rubric	Rubric for Evaluation of Presentation

STEP #1

When you click on create button, following forms displays

Create Rubric Score Set
Home / Rubric Score Sets / Create

Manage

Rubric Score Set

Fields marked with * are required.

Name *

Description

Save

1. Provide the Name e.g Presentation rubric
2. Provide The description.

STEP #2

Once the rubric is created, you need to add the score set for that specific rubric. To add the score set, select the rubric.

View Rubric Score Set
Home / Rubric Score Sets / Presentation Rubric

Create Update Manage Delete

ID 24

Name Presentation Rubric

Description

Add Rubric Score

Sr.No.	Name	Short Name	Score	Description
No results found.				

Click on the button with caption “Add rubric Score”

After this a pop-up window will open like following.

Create Rubric Score

Fields marked with * are required.

Name *

Short Name *

Score *

Description

Save

1. Add Name for the score set e.g Excellent
2. Specify the short name.
3. Set the score to see the strengths and weakness of the student.

3.6.2 Manage Rubric

Step #3

Please select the highlighted menu and to create the rubric click on create button.

UCIT

HOME INSTITUTE OBE ASSESMENT METHODS REPORTS SETTINGS ADMIN

Manage Rubrics

Create

School	Name	Comments	Rubric Score Set
Main Faculty	EE-FYP-Rubric	This rubric will be used for evaluation of FYP	FYP Rubric

Washington Accord >
Survey >
Rubric > Rubrics
Stakeholders > Rubric Score Sets
Course Registration >
GPA >
CQI Suggestions >

Displaying 1 of 1 results

10 ▾

24.00

When you click on create button, following window will open

Create Rubric

Home / Rubrics / Create

Manage

Rubric

Fields marked with * are required.

School * Name * Rubric Score Set *

Select School

Presentation Rubric

Comments

Questions

Question # 1

Name * % Weight

Description

x Delete

Question # 2

Name * % Weight

Description

x Delete + Add

Save

1. Select the school e.g Main campus
2. In Name field, add the name for your rubric
3. Select the rubric score set.

4. Add question for your rubric, the number of question can be increase/ decrease.
5. Add weightage for each question.
6. Click on save button and your rubric is created.

3.6.3 Create Rubric Based Activity

Step #4

Go back to your course section, Click on the highlighted menu

View Course Section Home / Course Sections / FALL 2014 EE-503

Current Course Section EE-509- Electromagnetic Field
FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activities

Add Class Activity Bulk Creation **Add Rubric** Import Class Activities Export Import Activity Outcomes Export Activity Outcomes

Total 7 results.

Sr.No.	Assesment Method	Date	Name	Total Marks	GPA %
1.	Assignment	03-10-2016	Assignment 1	10	3%
2.	Assignment	03-10-2016	Assignment 2	10	6%
3.	Assignment	27-03-2019	Assignment 3	30	6%
4.	Final Exam	03-10-2016	Final	100	30%
5.	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	20%
6.	Quiz	03-10-2016	Quiz 1	10	7.5%
7.	Quiz	03-10-2016	Quiz 2	10	7.5%

Code **Activities**

CLO-1	Quiz 1, Assignment 2, Quiz 2, Final, Mid Term / Sessional Exam 3
CLO-2	Assignment 3, Assignment 1, Final

Following pop-window will open like following

Create Class Activity(Rubric)

Fields marked with * are required.

Activity/Assesment Method *	Rubric *	Date *
<input style="width: 95%;" type="text" value="Final Lab Paper"/>	<input style="width: 95%;" type="text" value="EE-FYP-Rubric"/>	<input style="width: 95%;" type="text" value="28-03-2019"/>

CLOs *

CLO-1 - Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.

1. Select the Assessment/Activity method.
2. Select the rubric that you've created in Step #3.
3. In date field, current date is automatically selected
4. From the list of CLO, please select the CLO which you want to assigned to this rubric.

3.7 Marks OBE

Please click the highlighted menu under selected course and you will see detailed list of marks for each activity along with their contribution to CLO attainment for individual student.

Result can be export in PDF and MS Excel format.

View Course Section
Home / Course Sections / FALL 2014 EE-503

Current Course Section

- View Course Section
- CLOs
- CLOs Attainment
- CLO Attainment Graph
- CLO Recommendations/ Comments
- PLOs Attainment
- PLO Attainment Graph
- PLO Recommendations/ Comments
- Consolidated Report
- Course Breadth
- Class Activities
- Marks (OBE)**
- Marks (GPA)
- CQI
- Activity Weights (OBE)
- Activity Weights (GPA)
- Student Attendance
- Class Students
- Class Assistants
- Section Teaching Plan
- CMS Planning
- Attachments

EE-509- Electromagnetic Field
 FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Marks (OBE)

[PDF](#)
[Excel](#)

CLO		CLO-1					CLO-2		
		Assignment 2	Mid Term / Sessional Exam 3	Quiz 1	Final	Quiz 2	Assignment 1	Assignment 3	Final
Activity		A2	Q1	Q1	Q2	Q2	A1	A2	Q1
% Weight		10.00	0.00	10.00	40.00	10.00	10.00	30.00	20.00
Registration No.	Name	10.00	10.00	10.00	40.00	10.00	10.00	30.00	20.00
2012-BEE001-0001	Hassan Abdullah	6.00	0.00	7.00	29.50	7.00	10.00	0.00	10.00
2012-BEE001-0002	Khalid Hussain	7.50	0.00	2.00	26.00	0.00	9.50	0.00	5.00
2012-BEE001-0003	Abdu Rehman	6.50	0.00	8.00	30.50	7.50	10.00	0.00	11.00
2012-BEE001-0004	Usama Ali	9.00	0.00	8.50	30.00	5.50	10.00	0.00	13.00
2012-BEE001-0005	Najwa Harris	7.00	0.00	2.00	21.00	0.50	10.00	0.00	9.00
2012-BEE001-0006	Ain Adam	8.50	0.00	8.00	31.50	3.00	10.00	0.00	14.00
2012-BEE001-0007	Abram Alexander	8.00	0.00	8.00	34.00	7.00	10.00	0.00	17.00
2012-BEE001-0008	Saqeef Nurshah	7.50	0.00	8.00	31.00	7.00	9.50	0.00	12.00
2012-BEE001-0009	Deema Alhamwi	8.00	0.00	10.00	32.00	7.00	0.00	0.00	9.00

3.8 Marks GPA

Please click the highlighted menu under selected course and you will see the contribution of each activity for the GPA calculation, along with their attainment for every student

View Course Section
Home / Course Sections / FALL 2014 EE-503

Current Course Section

- View Course Section
- CLOs
- CLOs Attainment
- CLO Attainment Graph
- CLO Recommendations/ Comments
- PLOs Attainment
- PLO Attainment Graph
- PLO Recommendations/ Comments
- Consolidated Report
- Course Breadth
- Class Activities
- Marks (OBE)
- Marks (GPA)**
- CQI
- Activity Weights (OBE)
- Activity Weights (GPA)
- Student Attendance
- Class Students
- Class Assistants
- Section Teaching Plan
- CMS Planning
- Attachments

EE-509- Electromagnetic Field
 FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

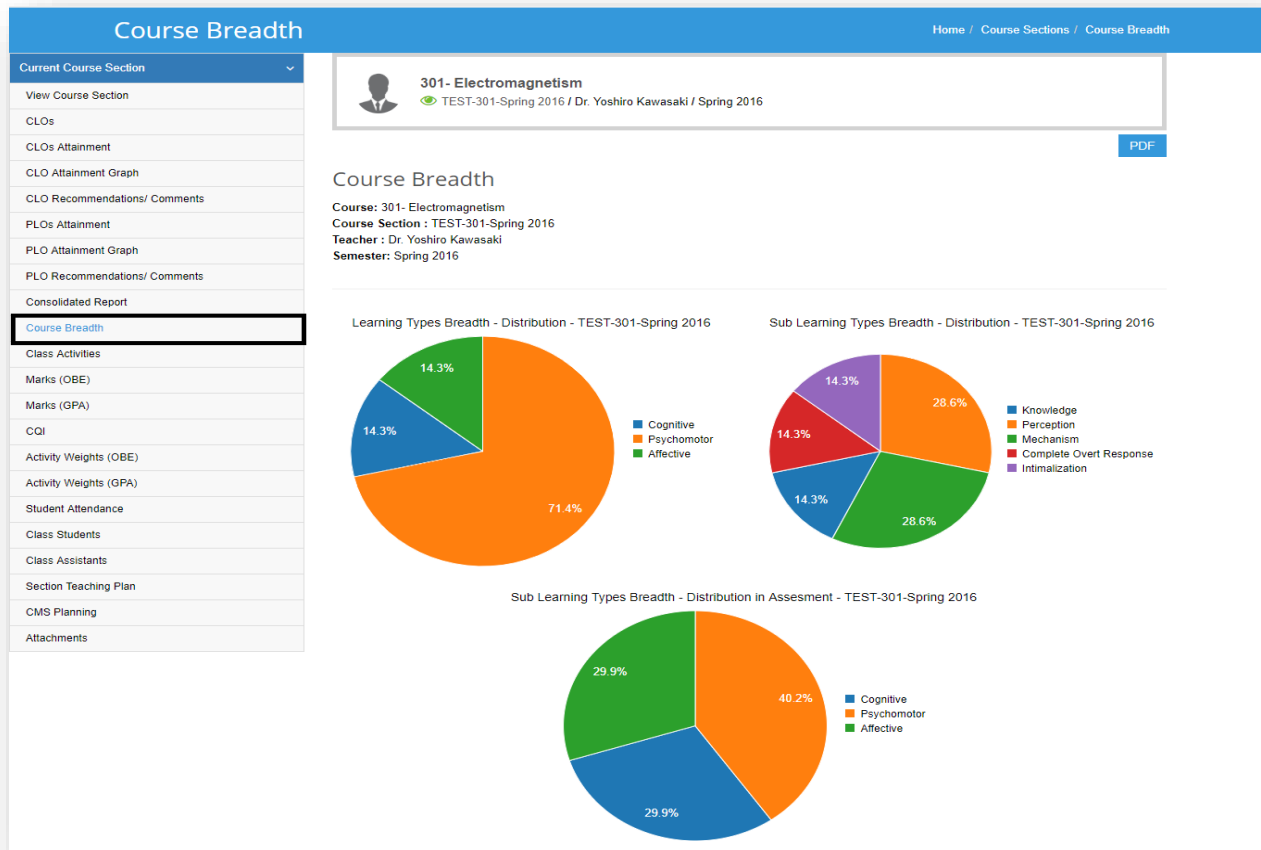
Marks (GPA)

[Summary Report](#)
[PDF](#)
[Excel](#)
[Save](#)
[Percentage to Grades](#)

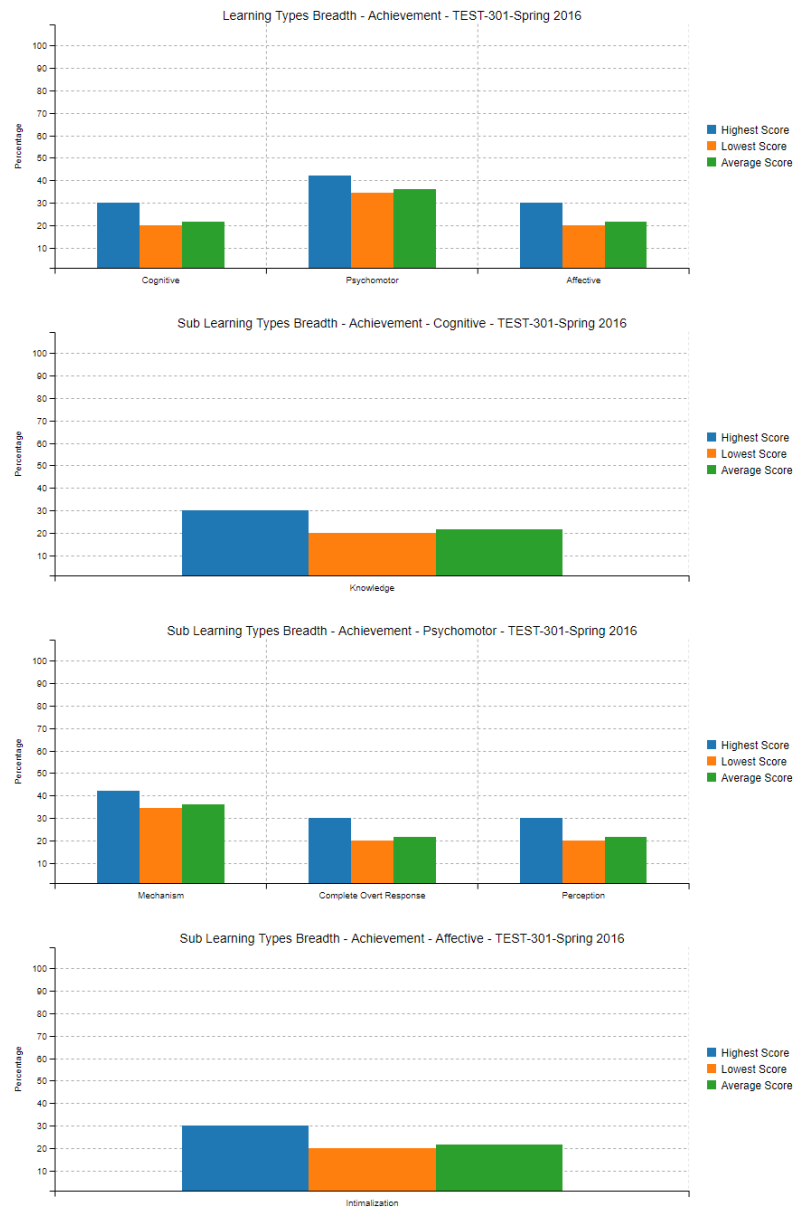
Activity		Assignment			Quiz		Mid Term / Sessional Exam	Final Exam			
Total Weightage		15.00%			15.00%		20.00%	30.00%			
Weightage		10.00%	20.00%	20.00%	10.00%	10.00%	30.00%	100.00%			
Registration No.	Name	Assignment 1 (10.00)	Assignment 2 (10.00)	Assignment 3 (30.00)	Quiz 1 (10.00)	Quiz 2 (10.00)	Mid Term / Sessional Exam 3 (10.00)	Final (100.00)	%age	Grade	Score/GPA
2012-BEE001-0001	Hassan Abdullah	10.00	6.00	0.00	7.00	7.00	0.00	56.00	33.90	A	4
2012-BEE001-0002	Khalid Hussain	9.50	7.50	0.00	2.00	0.00	0.00	39.50	20.70	A	4
2012-BEE001-0003	Abdu Rehman	10.00	6.50	0.00	8.00	7.50	0.00	71.50	39.98	A	4
2012-BEE001-0004	Usama Ali	10.00	9.00	0.00	8.50	5.50	0.00	75.50	41.55	A	4

3.9 Course Breadth

In course Breadth, you can see the distribution of your activities on the basis on learning types. Which gives you the idea whether your course is going according to plan or not.



It also shows achievement graphs on the basis of learning and sub learning types



3.10 CLOs attainment

Please click the highlighted menu under selected course section and you will see CLO attainment for individual student. Any red Color means that KPI is not achieved for that particular course.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

CLOs Attainment

Without Marks

Actual Weights

With Marks

Normalized Weights

Include CQI Activity

Show Result

CLO		CLO-1		CLO-2	
Activity		Weighted Total	CLO Acheived	Weighted Total	CLO Acheived
% Weight		KPI 50%		KPI 50%	
Registration No.	Name				
2012-BEE001-0001	Hassan Abdullah	70.71	Y	33.33	N
2012-BEE001-0002	Khalid Hussain	50.71	Y	24.17	N
2012-BEE001-0003	Abdu Rehman	75.00	Y	35.00	N
2012-BEE001-0004	Usama Ali	75.71	Y	38.33	N
2012-BEE001-0005	Najwa Harris	43.57	N	31.67	N
2012-BEE001-0006	Ain Adam	72.86	Y	40.00	N
2012-BEE001-0007	Abram Alexander	81.43	Y	45.00	N
2012-BEE001-0008	Saqeef Nurshah	76.43	Y	35.83	N

You can also use following filters to see more results in more detail.

View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

CLOs Attainment

Without Marks

Actual Weights

With Marks

Normalized Weights

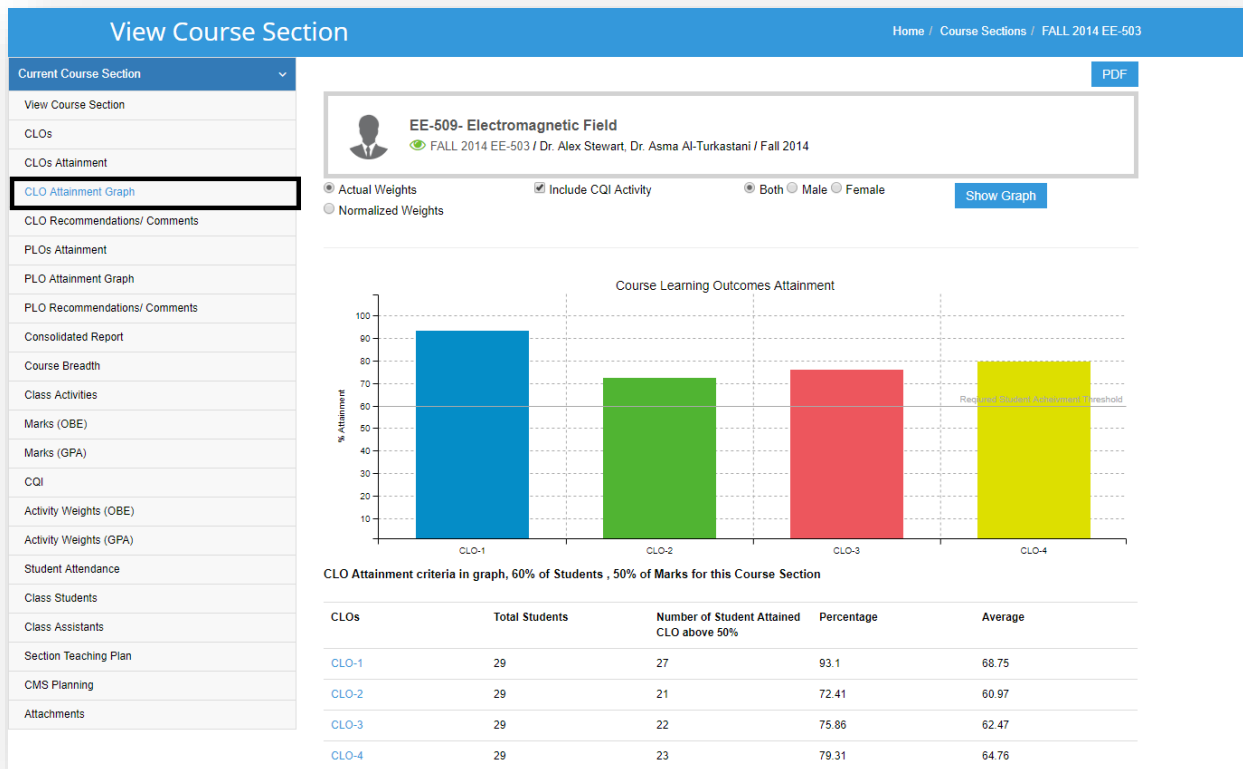
Include CQI Activity

Show Result

3.11 View CLO Attainment Graph

From selected course options, please click the highlighted menu and CLO attainment graph will appear. Each CLO is marked in different color. A red colored horizontal lines shows the benchmark / attainment criteria. CLO Attainment criteria can be updated using “Update Section” Button given in Course “View” menu.

It also shows average attainment of students for each CLO. Which gives the idea how students are performing in each CLO.



3.12 PLO attainment

Please click the highlighted menu under selected course section and you will see PLO attainment for individual student. Any red Color means that KPI is not achieved.

View Course Section

Home / Course Sections / TEST-301-Spring 2016

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

301- Electromagnetism

TEST-301-Spring 2016 / test1 , Dr. Chen Zang, Dr. Alex Stewart / Spring 2016

PLOs Attainment

Without Marks

Actual Weights

With Marks

Normalized Weights

Include CQI Activity

Show Result

Program Batch : BS-EE-01

PLO		PLO 2		PLO 3	
Activity		Weighted Total	PLO Acheived	Weighted Total	PLO Acheived
Assigned CLO					
% Weight					
Registration No.	Name				
2012-BEE001-0001	Hassan Abdullah	90.90	Y	0.00	N
2012-BEE001-0002	Khalid Hussain	290.91	Y	0.00	N
2012-BEE001-0003	Abdu Rehman	24.24	N	0.00	N
2012-BEE001-0004	Usama Ali	42.42	Y	0.00	N
2012-BEE001-0005	Najwa Harris	66.73	Y	0.00	N
2012-BEE001-0006	Ain Adam	12.12	N	0.00	N
2012-BEE001-0007	Abram Alexander	12.12	N	0.00	N

3.13 Perform CQI

STEP #1

To run the CQI, please select the highlighted menu under selected course section. It will show you list of only those students, whose CLO is not met. So system will generate corrective action request only for deficient students.

Perform CQI

Home / Course Sections / KFUEIT401-Fall 2016-A

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

401- Test Electromagnetism

KFUEIT401-Fall 2016-A / Dr. Chen Zang / Fall 2016

Corrective Action Request Generated

Status	Documnet No	Date of Issue	Name (Originator)	CAR No./REF	CLOs
No results found.					

CQI Class Activities

Activity/Assesment Method	Date	Name	Total Marks	GPA %
No results found.				

Perform CQI

Generate CAR for selected CLOs.

☒ CLO1

Please select atleast one student from the list to proceed.

Select <input checked="" type="checkbox"/>	Registration No.	Name	CLO1
<input checked="" type="checkbox"/>	2012-BEE001-0001	Hassan Abdullah	37.70
<input checked="" type="checkbox"/>	2012-BEE001-0003	Abdu Rehman	19.40

Remarks

☒ Generate Seperate CAR for every CLO

Generate Corrective Action Request

To generate the CQI for these 2 students, click on the button with caption **“Generate Corrective Action Request”**

Step #2

After step #1 CAR has been generated, now you’ve to create an activity for deficient student. So that student can achieve CLO.

Click the button with caption **“Add Class Activities”**

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Perform CQI

Home / Course Sections / KFUEIT401-Fall 2016-A

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

401- Test Electromagnetism

KFUEIT401-Fall 2016-A / Dr. Chen Zang / Fall 2016

Corrective Action Request Generated

Status

Documnet No

Date of Issue

Name (Originator)

CAR No./REF

CLOs

Initiated

CAR/Fall 2016/DEE/0005

28-03-2019

Dr. Chen Zang

CQI/Fall 2016/DEE/0005

CLO1

Add Class Activities

CQI Class Activities

Activity/Assesment Method

Date

Name

Total Marks

GPA %

No results found.

Perform CQI

No CQI activity needed.

Step #3

Following window will pop-up after clicking on **Add Class Activity**. Fill the fields as discussed above in **“Class Activities”** Section.

In class activities, activity will be added with CQI tag.

50

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View Course Section

Home / Course Sections / FALL 2014 EE-503

Current Course Section

View Course Section

CLOs

CLOs Attainment

CLO Attainment Graph

CLO Recommendations/ Comments

PLOs Attainment

PLO Attainment Graph

PLO Recommendations/ Comments

Consolidated Report

Course Breadth

Class Activities

Marks (OBE)

Marks (GPA)

CQI

Activity Weights (OBE)

Activity Weights (GPA)

Student Attendance

Class Students

Class Assistants

Section Teaching Plan

CMS Planning

Attachments

EE-509- Electromagnetic Field

FALL 2014 EE-503 / Dr. Alex Stewart, Dr. Asma Al-Turkastani / Fall 2014

Class Activities

Add Class Activity

Bulk Creation

Add Rubric

Import Class Activities

Export

Import Activity Outcomes

Export Activity Outcomes

Total 8 results.

Sr.No.	Assesment Method	Date	Name	Total Marks	GPA %	
1.	Assignment	03-10-2016	Assignment 1	10	2.5%	
2.	Assignment	03-10-2016	Assignment 2	10	5%	
3.	Assignment	27-03-2019	Assignment 3	30	5%	
4.	Assignment	28-03-2019	Assignment 4	22	2.5%	
5.	Final Exam	03-10-2016	Final	100	30%	
6.	Mid Term / Sessional Exam	08-01-2019	Mid Term / Sessional Exam 3	10	20%	
7.	Quiz	03-10-2016	Quiz 1	10	7.5%	
8.	Quiz	03-10-2016	Quiz 2	10	7.5%	

Code

Activities

CLO-1	Quiz 1, Assignment 2, Quiz 2, Final, Assignment 4, Mid Term / Sessional Exam 3
CLO-2	Assignment 3, Assignment 1, Final

4. OBE Menu

4.1 Course Learning Outcomes

Please select the Course Learning outcomes menu from Main OBE Menu.

HOME INSTITUTE OBE ASSESSMENT METHODS REPORTS SETTINGS ADMIN

Manage Course Learning Outcomes

This section allows you to add / manage Class Learning Outcomes

Create

Import

Add using Templates

Export

Program Education Objectives

Program Learning Outcomes

Course Learning Outcomes

Start CQI

Corrective Action Requests

Home / Course Learning Outcomes / Manage

Displaying 1-9 of 9 results.

Sr.No.	Course	Code	Description	PLO	Active	Type	
1.	CS-101- Fundamentals of Computers	CLO-1	Identify and describe details about the basic components of a computer	PLO 8- Ethics	Yes	Standard	

4.1.1 Create

Please click Create Button. A window like following will appear

Create Course Learning Outcome

Home / Course Learning Outcomes / Create

This section allows you to add / manage Course Learning Outcomes.

Manage

Course Learning Outcome

Fields marked with * are required.

Code *

Course *

Select Course

☒ Active *

Description *

Type

Standard

Save

- Please assign a short code in Code field like CLO1, CourseName_CLO1 etc.
- Please select the course.
- Mark this CLO as Active / In Active, by default it is Active and let it remain Active. Inactive means, we don't use this CLO anymore. Such CLO can be deleted as well.
- Add description of CLO
- Select the type, Usually CLO created by administration is marked as **Standard**. If faculty members add CLO to the specific course, it is marked as **Custom** CLO

4.1.2 Import

Please click the Import Button. A pop-up window like following will appear.

Import Course Learning Outcomes

It is recommended to upload excel file with maximum of 50 rows at time for proper working.

Upload a file

[Download Import Template](#)

Please download the template which may look like following. Update the Excel sheet with CLO data and upload using same pop-up window.

	A	B	C	D	E	F	G	H	I
				PLO Code	Learning Type Code	Lernaning Type Level	Emphasis Level	Program Batch	
1	Couse Code	CLO Code	CLO Description						
2	MATH-105	CLO1	Understanding the concepts of scalar and vector products.	PLO1	C	2	1	BEE-7	
3	MATH-105	CLO2	To be able to use the concept of limits and continuity.	PLO1	A	1	1	BEE-7	
4	MATH-105	CLO3	Applying techniques of differentiation to real world problems.	PLO1	C	3	2	BEE-7	
5	MATH-105	CLO4	Evaluate and carry out the convergence analysis of sequences and series.	PLO1	P	2	1	BEE-7	
6									
7									
8									

4.1.3 CLO-PLO Mapping

SCENARIO #1

Select the CLO and click on the highlighted menu in the left panel

View Course Learning Outcome

Home / Course Learning Outcomes / CLO-1

CLO-1

View

Program Learning Outcomes

CS-101 - Fundamentals of Computers

View

Program Batches

Course Learning Outcomes

Attachments

Course Sections History

PLO Recommendations/ Comments

CLO Recommendations/ Comments

CLO-1 - Identify and describe details about the basic components of a computer

Program Learning Outcomes

Add Program Learning Outcome

Sr.No.	PLO	Learning Type	Level	Emphasis Level	Program Batch
No results found.					

To map the CLO with PLO click on the button with caption “Add Program Learning Outcome”.

Add PLO

Fields marked with * are required.

Program Batch

PLO *

Select Program Batch

Select PLO

Learning Type

Level

Emphasis Level

Select Learning Type

Select Sub Learning Type

Select Level

Key Words

Save

1. Select Program Batch
2. Select PLO
3. Select Learning type
4. Select level

5. Select emphasis level
 6. Press save or repeat the process to map more PLO's for the current CLO.
- NOTE:** You can add same CLO to multiple program batches by repeating these steps.

SCENARIO #2

Select the Courses menu from institute main menu.

Manage Courses

This section allows you to add new courses offered by the institute. For example, Introduction to Computing, Introduction to Media Science etc.

[Create](#) [Import](#) [Export](#)

My University
Campuses
Schools
Departments
Semesters
Faculty/Staff
Programs
Program Batches
Courses
Students
Course Sections

Displaying 1-10 of 54 results

Sr.No.	Code	Name	Credit Hour	Course Level	Elective	Active	Program Batch	Knowledge Profiles
1.	301	Electromagnetism	3 + 1	Undergrade	No	Yes	BS-EE-01	WK1
2.	401	Test Electromagnetism	3 + 1	Undergrade	No	Yes	BS-EE-01	WK1
3.	CE-01	Fluid Dynamics	3 + 0	Graduate	No	Yes	BS-EE-01	WK1 WK1
4.	CS-101	Fundamentals of Computers	2 + 1		No	Yes	BS-EE-01	WK3
5.	CS-102	Introduction to Programming Languages	1 + 1		No	Yes	BS-EE-01	

Select any course and following window will open

View Course

Home / Courses / Data Structures and Algorithms Analysis

CS-104 - Data Structures and Algorithms Analysis

[Create](#) [Update](#) [Manage](#) [Delete](#) [Create Survey](#)

Code CS-104

Name Data Structures and Algorithms Analysis

Credit Hour 3 + 1

Active Yes

Elective No

Course Level Undergrade

Department Department of Electrical Engineering

Base Type CLO Based

Supervisor Based No

Knowledge Profiles WK2 - Conceptually-based mathematics, numerical analysis, statistics and formal aspects of computer and information science to support analysis and modeling applicable to the discipline

Notes Not set

To map CLO with PLO, click on highlighted menu in the left panel. Following window will appear.

View Course

Home / Courses / Data Structures and Algorithms Analysis

CS-104 - Data Structures and Algorithms Analysis

View

Program Batches

Course Learning Outcomes

Attachments

Course Sections History

PLO Recommendations/ Comments

CLO Recommendations/ Comments

CS-104 - Data Structures and Algorithms Analysis

Course Learning Outcomes

Create CLO

Import CLOs

Add using Templates CLOs

Export

Total 4 results.

Sr.No.	Code	Description	Learning Type/Level	Emphasis Level	PLO	Active	Program Batch
1.	CLO-1	Choose appropriate data structures and their implementations for a given problem.	C1	3. Low	PLO 1	Yes	BS-EE-02
2.	CLO-2	Employ the correct class of algorithms for any given situation.	C1	3. Low	PLO 3	Yes	BS-EE-01
3.	CLO-3	Analyze a complex problem, and design and implement solutions for it.				Yes	
4.	CLO-4	Compare various algorithms based on accuracy, time complexity, and memory requirements.				Yes	

CLO / PLO Weight Relationship

CLO	Program Batches
PLO 1 - Engineering Knowledge	
CLO-1 - Choose appropriate data structures and their implementations for a given problem.	BS-EE-02
PLO 2 - Problem Analysis	
CLO-3 - Analyze a complex problem, and design and implement solutions for it.	BS-EE-02
PLO 3 - Design/Development of Solutions	
CLO-2 - Employ the correct class of algorithms for any given situation.	BS-EE-01
PLO 5 - Modern Tool Usage	
CLO-4 - Compare various algorithms based on accuracy, time complexity, and memory requirements.	BS-EE-01

You can create new CLO, by clicking on the button with caption “**Create CLO**” Or you can map existing CLO with PLO by clicking on the highlighted icon.

A Pop-up window will open like following

Update Course Learning Outcome

CLO-3 - Analyze a complex problem, and design and implement solutions for it.

Fields marked with * are required.

Map PLOs

Program Batch	PLO *	
Select Program Batch	Select PLO	
Learning Type	Level	Emphasis Level
Select Learning Type	Select Sub Learning Type	Select Emphasis Level
x Delete	+ Add	
Save		

Fill the fields as discuss in the **Scenario #1**

NOTE: You can same CLO to multiple program batches by clicking on “ADD” button.

4.2 Continuous Quality Improvement (CQI)

This feature is very handy to figure out CQI actions needed at Student / Course / Batch level for CLO and PLO.

Sr.No.	Document No	Date	School	Semester	Department	Program	Program Batch	Course Section
1.	101	22-01-2019	Main Faculty	Fall 2014	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	
2.	10101	30-08-2017	Main Faculty	Spring 2016	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	
3.	123456	07-11-2017	Main Faculty	Fall 2014	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	

4.2.1 Create New CQI

Under one Such CQI we can create multiple Corrective Action Requests. To create Please click Create button.

Following screen will appear.

Fields marked with * are required.

Document No * Date * Type * Created By

School * Department *

Semester * Program * Program Batch *

Students who did not attain PLOs Get Section Wise Results Get Overall Results

Remarks

Proceed

Please assign a document number as per your local convention.

- By default, current date will be selected but you may change
- Please select the CQI Type, whether you want to check for PLO or CLO
- User name will be added by default (current logged in)
- School / Department of user will be selected by default however it can be changed.
- Select department, this should help to filter out relevant programs
- Select the relevant semester
- Select the program like BS Software Engineering
- Select Program Batch
- Press Get Results

A result window may appear like following. Red color shows PLO/CLO not met. You can select the check box to include the relevant student(s), add remarks and press proceed.

EE-509 - Electromagnetic Field, FALL 2014 EE-503, Fall 2014, KPI: 50% , Dr. Alex Stewart						
Select	Registration No.	Name	CLO-1	CLO-2	CLO-3	CLO-4
<input type="checkbox"/>	2012-BEE001-0001	Hassan Abdullah	70.63	56.00	52.50	47.00
<input type="checkbox"/>	2012-BEE001-0002	Khalid Hussain	50.63	36.00	41.50	34.00
<input type="checkbox"/>	2012-BEE001-0005	Najwa Harris	44.38	44.00	49.50	22.00
<input type="checkbox"/>	2012-BEE001-0008	Saqeef Nurshah	73.13	48.00	59.50	71.00
<input type="checkbox"/>	2012-BEE001-0009	Deema Alhamwi	80.00	44.00	66.00	73.00
<input type="checkbox"/>	2012-BEE001-0016	David Deckham	53.13	52.00	39.00	61.00
<input type="checkbox"/>	2012-BEE001-0017	Mark Taylor	62.50	65.00	43.50	66.00
<input type="checkbox"/>	2012-BEE001-0018	Marry Trueman	54.38	48.00	63.50	62.00
<input type="checkbox"/>	2012-BEE001-0021	Andrew flintoff	46.88	54.00	25.00	18.00
<input type="checkbox"/>	2012-BEE001-0023	Roberto Romario	61.25	49.00	72.00	77.00
<input type="checkbox"/>	2012-BEE001-0027	Ahmed Saeedov	58.75	41.00	41.00	44.00
<input type="checkbox"/>	2012-BEE001-0029	Jack Walsh	63.13	42.00	35.00	37.00

A new corrective action request will be created

4.2.2 Handling Corrective Request

Create Corrective Action Request

Home / Corrective Action Requests / Create

Manage

Corrective Action Request

Fields marked with * are required.

Type *

CLO

School *

Main Faculty

Department

Department of Electrical Engineering

Program *

Bachelor in Electrical Engineering

Semester *

Fall 2014

Status

Initiated

Documnet No *

Date of Issue *

26-03-2019

CAR No./REF

1234

Name (Originator) *

Muazzam Arslan

Designation

Nature of Problem *

Select Nature of Problem

The following students of BS-EE-01 have shown serious deficiency in Course Learning Outcome attainment in the courses they have taken in the Fall 2014 semester.

Course Sections

Course Section

FALL 2014 EE-503

x Delete

+ Add

Students

Student

2012-BEE001-0001 - Hassan Abdullah

Remarks

x Delete

+ Add

- Basic data is already populated.
- Please select the nature of problem and add description. Content in Nature of Problem
- List can be changed by Administrator from Settings->CQI Suggestion.
- You may add more sections (courses) or students as well.

4.2.3 View Existing CQI

You may select any of the existing CQI documents.

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Manage Start CQI

Create Start CQI Course Section

Home / Start CQI / Manage

Displaying 1-10 of 32 results.

Sr.No.	Document No	Date	School	Semester	Department	Program	Program Batch	Course Section
1.	CQI/Fall 2014/DEE/0003	01-01-2017	Main Faculty	Fall 2014	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	FALL 2014 E-502
2.	CQI/Fall 2014/DEE/0004	01-01-2017	Main Faculty	Fall 2014	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	FALL 2014 E-502
3.	CQI/Fall 2014/DEE/0005	01-01-2017	Main Faculty	Fall 2014	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	FALL 2014 E-502
4.	CQI/Fall 2014/DEE/0006	18-03-2018	Main Faculty	Fall 2014	Department of Electrical Engineering	Bachelor in Electrical Engineering	BS-EE-01	FALL 2014 EE-503

Please click the document from “Document No” Column.

Under this CQI Activity we can create multiple Corrective Action Requests (CAR).

To see the related CAR please click the highlighted menu.

View Start CQI

Home / Start CQI / 37

Start CQI

View

Corrective Action Requests

Create Manage Delete

ID 37

School Main Faculty

Semester Fall 2014

Document No CQI/Fall 2014/DEE/0003

Date 01-01-2017

Department Department of Electrical Engineering

Program Bachelor in Electrical Engineering

Program Batch BS-EE-01

Course Section FALL 2014 E-502

Type CLO

Created By Dr. Peter Johnson

Remarks

4.3 Corrective Action Request

Corrective action request is an individual activity or set of related activities to improve one more PEOs, PLOS, CLOs or any other process of institution.

Please click the highlighted section in OBE menu.

School	Status	Document No	Department	Date of Issue	Type	Program	Semester	Course Section	Name (Originator)	CAR No./REF
Main Faculty	Initiated	2018/CAR/PEO/001		02-02-2018	PEO	Bachelor in Electrical Engineering	Fall 2014		Muazzam Arslan	
Main Faculty	Initiated	CAR/Fall 2014/DEE/0003	Department of Electrical Engineering	01-01-2017	CLO	Bachelor in Electrical Engineering	Fall 2014	FALL 2014 E-502	Dr. Peter Johnson	CQI/Fall 2014/DEE/0003
Main Faculty	Initiated	CAR/Fall 2014/DEE/0004	Department of Electrical Engineering	01-01-2017	CLO	Bachelor in Electrical Engineering	Fall 2014	FALL 2014 E-502	Dr. Peter Johnson	CQI/Fall 2014/DEE/0004

Click the Create button to create new CAR or you may select any existing CAR to update information / Status.

Please see **section 4.2.2**. Only difference between **Handling Corrective Request** and direct CAR generation is that in this case You will provide the basic information for CAR.

5. Reports

All Reports are available in main Reports menu

Mapping	Course Sections	Courses Wise
Alignment of PEOs with Vision and Mission	Class Room Combined Result(OBE)	Course wise Program Outcome (PLO) Attainment
Assessment of Program Educational Objectives	Section Consolidated Report	Student wise Program Outcome (PLO) Attainment
Program Education Objective (PEO) & Learning Outcomes (PLO)	Class Room Combined Result(GPA)	Course Assessment Summary
Program Educational Objectives vs. Program Learning Outcomes	Program - Course Learning Outcome (CLO) Attainment	Semester - Course Learning Outcome Attainment
Program Outcome (PLO) - Course Outcome (CLO) Mapping		Program Batch - Course wise PLO Attainment
Mapping of Program Learning Outcomes to Courses	Students Wise	Comparison
Program Courses - Program Outcome (PLO) Mapping	Student Program Outcome (PLO) Attainment	Course Comparison Report
	Student PLO Attainment - Distribution	Program Batch Comparison Report
	Student - Course Learning Outcome (CLO) Attainment	Survey
	Student wise Course Learning Outcome (CLO) Attainment	Survey Result
	Outcome Based Education Transcript	PEO / PLO / CLO Wise Survey Result
	Transcript - GPA	CQI
	Complex Engineering Problems Report	CQI - CAR Status Report

Following is brief information

5.1 Alignment of PEOs with Vision & Mission

This report shows all PEOs (Program Education Objectives) of a program and their relationship with university Mission, Vision and program mission.

Sample Report

Select the Program and Press Report Button.

This is sample report generated which can be exported in PDF/Excel

Alignment of PEOs with Vision and Mission

Home / Reports / Alignment of PEOs with Vision and Mission

This report shows All the Program Education Objectives of your institute and their relationship with university Mission , Vision and program mission

Filters

Program *

Bachelor in Electrical Engineering

Report

PDF

Excel

Alignment of PEOs with Vision and Mission

Program : [Bachelor in Electrical Engineering](#)

The PEO of the program state that [Bachelor in Electrical Engineering](#) graduates will:

PEO-1 - To produce employable graduates with strong concepts in the domain of Electrical Engineering

PEO-2 - To produce creative engineers equipped with sound analytical and problem solving skills to undertake real world challenges

PEO-3 - To produce responsible and ethical professionals with leadership qualities and effective soft skills.

PEO-4 - To produce enterprising professionals with a motivation for innovation and life-long learning.

	PEO-1	PEO-2	PEO-3	PEO-4
University Vision :- Excellence in Education through Innovation and Entrepreneurship.	✓	✓	✓	✓
University Mission:- The mission of UCIT is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the people and society.	✓	✓	✓	✓
Program Vision:- To meet the challenges of new technological advances and to provide update knowledge in the state of the art technology, re-orientation and up-gradation of the curriculum to the level of industry relevant learning and training.	✓	✓	✓	✓

5.2 Assessment of Program Educational Objectives

This report shows all PEOs (Program Education Objectives) of a program and details of assessment strategies / KPIs for these PEOs.

Please select the Program and press report

Assessment of Program Educational Objectives
Home / Reports / Assessment of Program Educational Objectives

This report shows All the Program Education Objectives of your institute and their relationship with university Mission , Vision and program mission

Filters

Program *

Bachelor in Electrical Engineering

Report

PDF

Excel

Assessment of Program Educational Objectives

Program : [Bachelor in Electrical Engineering](#)

KPI	KPI %	When Measured	Strategy
PEO-1 - To produce employable graduates with strong concepts in the domain of Electrical Engineering			
Starting Salary - Starting Salary should be 35000 for 50% of Graduates	50.00	Yearly	Survey: Alumni Employment Survey , Question: Are you employed?
Managerial Position -	50.00	Yearly	Survey: Alumni Employment Survey , Question: Are you doing your own business?

5.3 Program Education Objective (PEO) & Learning Outcomes (PLO)

This report shows all PEOs (Program Education Objectives) and PLOs (Program Learning Outcomes) of a program.

Please select the Program and press report.

Program Education Objective (PEO) & Learning Outcomes (PLO)

Home / Reports / Program Education Objective (PEO) & Learning Outcomes (PLO)

This report shows All the Program Education Objectives of your institute. This relates to long term vision of institute and purpose of existence.

Filters

Program *

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Report

PDF

Excel

Program Education Objective (PEO) & Learning Outcomes (PLO)

Program Batch : [Bachelor in Electrical Engineering \(BS-EE-01\)](#)

Program Education Objectives

PEO-2	To produce creative engineers equipped with sound analytical and problem solving skills to undertake real world challenges
PEO-3	To produce responsible and ethical professionals with leadership qualities and effective soft skills.
PEO-4	To produce enterprising professionals with a motivation for innovation and life-long learning.
PEO-1	To produce employable graduates with strong concepts in the domain of Electrical Engineering

Program Learning Outcomes

PLO 1	Engineering Knowledge	Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialisation to the solution of complex engineering problems
PLO 1	Engineering Knowledge	Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialisation to the solution of complex engineering problems
PLO 2	Problem Analysis	Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences
PLO 2	Problem Analysis	Identify, formulate, research literature and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences
PLO 3	Design/Development of Solutions	Design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations
PLO 3	Design/Development of Solutions	Design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations
PLO 5	Modern Tool Usage	Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities, with an understanding of the limitations

5.4 Program Educational Objectives vs. Program Learning Outcomes

This report shows all PEOs (Program Education Objectives) of a program and mapping of PLOs (Program Learning Outcomes) with PEOs of program.

Please select program and press report.

Program Educational Objectives vs. Program Learning Outcomes

[Home](#) / [Reports](#) / Program Educational Objectives vs. Program Learning Outcomes

This report shows All the Program Education Objectives of your institute and their relationship with university Mission , Vision and program mission

Filters

Program *

Program Batch *

Report
PDF
Excel

Program Educational Objectives vs. Program Learning Outcomes

Program : [Bachelor in Electrical Engineering \(BS-EE-01\)](#)

The PEO of the program state that Bachelor in Electrical Engineering graduates will:

- [PEO-1](#) - To produce employable graduates with strong concepts in the domain of Electrical Engineering
- [PEO-2](#) - To produce creative engineers equipped with sound analytical and problem solving skills to undertake real world challenges
- [PEO-3](#) - To produce responsible and ethical professionals with leadership qualities and effective soft skills.
- [PEO-4](#) - To produce enterprising professionals with a motivation for innovation and life-long learning.

Program Learning Outcomes	PEO-1	PEO-2	PEO-3	PEO-4
PLO 1 - Engineering Knowledge	✓	✓		
PLO 1 - Engineering Knowledge	✓	✓		
PLO 2 - Problem Analysis	✓	✓		✓
PLO 2 - Problem Analysis	✓	✓		✓
PLO 3 - Design/Development of Solutions		✓		
PLO 3 - Design/Development of Solutions		✓	✓	
PLO 5 - Modern Tool Usage		✓		

5.5 Program Outcome (PLO) - Course Outcome (CLO) Mapping

This report shows Mapping of PLOs (Program Learning Outcomes) and CLOs (Class Learning Outcomes) at Program Level. It includes details of learning types in a Course Learning Outcome with their level are given as well.

Please select the program. You may select a single PLO or All PLO.

You may select a single course or all courses of program.

If you select check Box “Show Mapped PLO only”, Report will show only those PLOs which have at least one CLO mapped.

If you select check Box “Format”, Report will show same data in a format where course details are given first and then CLO / PLO Mapping details.

Sample Report #1

Program Outcome (PLO) - Course Outcome (CLO) Mapping

[Home](#) / [Reports](#) / [Program Outcome \(PLO\) - Course Outcome \(CLO\) Mapping](#)

This report shows Mapping of Program Learning Outcomes and Class Learning Outcomes at Program Level. Details of learning types in a Course Learning Outcome with their level are given as well.

Filters

Program *

Bachelor in Electrical Engineering

Program Batch *

B5-EE-01

Program Learning Outcome

All Program Learning Outcomes

Course

All Courses

☒ Show selected PLOs
☐ Format 2

Report

PDF

Excel

Program Outcome (PLO) - Course Outcome (CLO) Mapping

Program : Bachelor in Electrical Engineering (BS-EE-01)

		PLO 1	PLO 1	PLO 2	PLO 2	PLO 3	PLO 3
301 - Electromagnetism							
CLO-1	CLO-1 Description					A1-	
CLO-2	CLO-2				C3-High		
401 - Test Electromagnetism							
CLO1	Description	C2-Low	P6-Low,A1-Low				
CLO1	Description	C2-Low	P6-Low,A1-Low				
CLO1	Description	C2-Low	P6-Low,A1-Low				
11 - testcourse							
CLO-3	This is my clo			C2-Medium			

Sample Report # 2 (Format 2)

Program Outcome (PLO) - Course Outcome (CLO) Mapping

[Home](#) / [Reports](#) / [Program Outcome \(PLO\) - Course Outcome \(CLO\) Mapping](#)

This report shows Mapping of Program Learning Outcomes and Class Learning Outcomes at Program Level. Details of learning types in a Course Learning Outcome with their level are given as well.

Filters

Program *

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Program Learning Outcome

All Program Learning Outcomes

Course

All Courses

☒ Show selected PLOs

☒ Format 2

Report

PDF

Excel

Program Outcome (PLO) - Course Outcome (CLO) Mapping

Program : Bachelor in Electrical Engineering (BS-EE-01)

Course Learning Outcome	Difficulty Level	PLO Allotment
301 - Electromagnetism		
CLO-1 - CLO-1 Description	A1-	PLO 3
CLO-2 - CLO-2	C3-High	PLO 2
401 - Test Electromagnetism		
CLO1 - Description	C2-Low	PLO 1
CLO1 - Description	P6-Low	PLO 1
CLO1 - Description	A1-Low	PLO 1
11 - testcourse		
CLO-3 - This is my clo	C2-Medium	PLO 2

5.6 Mapping of Program Learning Outcomes to Courses

This report shows mapping of PLOs (Program Learning Outcome) with courses of a Program

Mapping of Program Learning Outcomes to Courses

Home / Reports / Mapping of Program Learning Outcomes to Courses

This report shows All the Program Education Objectives of your institute and their relationship with university Mission , Vision and program mission

Filters

Program *

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Program Learning Outcome

All Program Learning Outcomes

Report

PDF

Excel

Mapping of Program Learning Outcomes to Courses

Program : Bachelor in Electrical Engineering (BS-EE-01)

Course Code	Course Name	PLO 1	PLO 1	PLO 2	PLO 2	PLO 3	PLO 3	PLO 5
Semester 1								
11	testcourse				✓			
401	Test Electromagnetism	✓	✓					
BSCS-001	BSCS							
CS-101	Fundamentals of Computers		✓					
Semester 2								
301	Electromagnetism			✓		✓		
Semester 3								
CS-104	Data Structures and Algorithms Analysis		✓		✓		✓	

5.7 Program Courses - Program Outcome (PLO) Mapping

This report shows Mapping of PLOs (Program Learning Outcomes) and CLOs (Class Learning Outcomes) for a single Course. Details of learning types in a Course Learning Outcome with their level is given as well.

Sample Report

[Home](#) / [Reports](#) / [Program Courses - Program Outcome \(PLO\) Mapping](#)

This report shows Mapping of Program Learning Outcomes and Class Learning Outcomes for a single Course. Details of learning types in a Course Learning Outcome with their level are given as well.

Filters

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Course *

CS-101- Fundamentals of Computers

Report

PDF

Excel

Program Courses - Program Outcome (PLO) Mapping

Program : Bachelor in Electrical Engineering (BS-EE-01)

Course : CS-101 - Fundamentals of Computers

[illegible]

5.8 Class Room Combined Result (OBE)

This report shows over call combined result of a class/course

This report shows overall result attained of a Course taught. Result can be viewed with following perspectives for each student

- Over All Marks attained in all class activities
- CLO (Class Learning Outcomes) Attainment
- PLO (Program Learning Outcomes) Attainment

Class Room Combined Result(OBE)

Home / Reports / Class Room Combined Result(OBE)

This report shows overall result attained of a Course taught. Result can viewed with following perspectives for each student

- Over All Marks attained in all class activities
- CLO (Class Learning Outcomes) Attainment
- PLO (Program Learning Outcomes) Attainment

Filters

School

Main Faculty

Department Offering Course

Department of Electrical Engineering

Semester

Fall 2016

Course Section *

FALL 2016 CS-104

Students

2012-BEE001-0002 - Khalid Hussain

2012-BEE001-0003 - Abdu Rehman

☒ Marks
 ☐ CLO Attainment
 ☐ PLO Attainment
 ☒ Show Marks
 ☒ Add CQI Activities as Well
 ☒ Show Summary

Report

PDF

Excel

Graph

Class Room Combined Result(OBE) - Marks Attained

Course : FYP (GEN101)

Course Section : FALL 2016 CS-104

Teacher : Dr. Asma Al-Turkastani

Semester : Fall 2016

PLO	PLO 1				PLO 2						PLO 3				PLO 4		
	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric	EE-FYP-Rubric
Activity	Question #1	Question #1	Question #3	Question#2	Question # 5	Question #1	Question #3	Question #4	Question #6	Question#2	Question # 5	Question #4	Question #6				
% Weight	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Registration No.	Name	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
2012-BEE001-0002	Khalid Hussain	3.00	3.00	4.00	3.00	4.00	3.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00
2012-BEE001-0003	Abdu Rehman	3.00	3.00	4.00	3.00	4.00	3.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00

5.9 Section consolidated Report

This report shows overall attainment of CLO and PLO attainment of student in tabular and graphical form.

Sample Report

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Section Consolidated Report
Home / Reports / Section Consolidated Report

Filters

School

Select School

Department Offering Course

Select Department

Semester

Select Semester

Course Section *

SPR 2015 EE-506

☐ Add CQI Activities as Well

Report

Print

Course Section Consolidated Report

Course: EE-518- Control Systems Concepts

Course Section : SPR 2015 EE-506

Teacher : Dr. Micheal waan

Semester: Spring 2015

PLO Attainment

Program Batch : BS-EE-01

PLO		PLO-1		PLO-2		PLO-3	
Activity		Weighted Total	PLO Acheived	Weighted Total	PLO Acheived	Weighted Total	PLO Acheived
Assigned CLO							
% Weight							
		KPI 40%		KPI 40%		KPI 40%	
Registration No.	Name	85.71	Y	55.52	Y	39.66	N
2012-BEE001-0001	Usama Aslam						

5.10 Class Room Combined Result (GPA)

This report shows overall class-combined result of a class/course. Result can be viewed with following perspectives for each student

- Detailed View
- Summarized View

Class Room Combined Result(GPA)
Home / Reports / Class Room Combined Result(GPA)

This report shows overall result attained of a Course taught. Result can viewed with following perspectives for each student

Over All Marks attained in all class activities with GPA

Filters

School

Main Faculty

Semester

Fall 2014

Course Section *

401-Test Course

☐ Detailed
☒ Summarized

Report

PDF

Excel

Class Room Combined Result(GPA)

Course : Test Electromagnetism (401)

Course Section : 401-Test Course

Teacher : Usama Aslam

Semester : Fall 2014

Registration No.	Name	%age	Grade	Score/GPA
2012-BEE001-0001	Usama Aslam	32.63	F	0
2012-BEE001-0002	Khalid Hussain	32.63	F	0

5.11 Program - Course Learning Outcome (CLO) Attainment

This report shows actual PLOs attainment of all students of a program.

Program - Course Learning Outcome (CLO) Attainment

Home / Reports / Program - Course Learning Outcome (CLO) Attainment

This report shows actual PLOs attainment of all students of a program.

Filters

School

Main Faculty

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Semester

All Semesters

☒ Add CQI Activities as Well

☐ Show only those CLOs which are not met

Report

PDF

Excel

Program - Course Learning Outcome (CLO) Attainment

Program : Bachelor in Electrical Engineering

Program Batch : BS-EE-01

School : Main Faculty

FALL 2014 EE-501 , EE-516 - Communication Systems Introduction , Fall 2014, KPI: 60% , Dr. Simon Joe Friaser

CLO	Name	Attained CLO%
CLO-1	Acquire a mathematical understanding of Analog and Digital Communication Systems	41.38
CLO-2	Understand and compare various analog/digital communication systems, their properties and behavior in the presence of noise	48.28
CLO-3	Design a practical communication system at the block diagram level under certain constraints and requirements	100.00
CLO-4	Determine whether a mathematical representation of a signal is an AM signal, a DSB signal, a SSB signal, an FM signal, or a PM signal	79.31
CLO-5	Understand the concepts of Matched filter detectors and Digital Multiplexing techniques.	100.00

5.12 Student Program Outcome (PLO) Attainment

This report helps to find PLOs attainment of an individual student from any program.

Sample Report

Student Program Outcome (PLO) Attainment

Home / Reports / Student Program Outcome (PLO) Attainment

This report helps to find PLOs attainment of an individual student from any program.

Filters

School

Main Faculty

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Student *

2012-BEE001-0001 - Hassan Abdullah

Semester *

Overall

☒ Add CQI Activities as Well

☐ Show only those PLOs which are not met

Report

PDF

Excel

Student Program Outcome (PLO) Attainment

Student : 2012-BEE001-0001 - Hassan Abdullah

Program : Bachelor in Electrical Engineering

Program Batch : BS-EE-01

Course	Course Section	Credit Hrs	PLO 1	PLO 1	PLO 2	PLO 2	PLO 3	PLO 3	PLO 5
Semester 1									
401 - Test Electromagnetism	KFUEIT401-Fall 2016-A	3+1	37.70	37.70					
CS-101 - Fundamentals of Computers	FALL 2016 CS-102	2+1							

5.13 Student PLO Attainment - Distribution

This report shows PLO attainment distribution of an individual student or multiple.

Student PLO Attainment - Distribution

Home / Reports / Student PLO Attainment - Distribution

This report helps to find PLOs attainment of an individual student from any program and its distribution about CLOs.

Filters

School

Main Faculty

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Student *

2012-BEE001-0002 - Khalid Hussain

Program Learning Outcome

All Program Learning Outcomes

☐ Add CQI Activities as Well

Report

PDF

Excel

Student PLO Attainment - Distribution

Student : 2012-BEE001-0002 - Khalid Hussain

Program : Bachelor in Electrical Engineering

Program Batch : BS-EE-01

Course	Course Section	KPI%	CLO	CLO Score	CLO Attained	Emphasis Level	Included in PLO	PLO Attained %
PLO 1 - Engineering Knowledge								
401 - Test Electromagnetism	KFUEIT401-Fall 2016-A	40	CLO1	52.22	Y	1	Y	
EE-509 - Electromagnetic Field	FALL 2014 EE-503	50	CLO-1	59.71	Y	1	Y	
PLO Score:								51.47

5.14 Student - Course Learning Outcome (CLO) Attainment

This report helps to find CLOs attainment of an individual student from any program, course wise.

Sample Report

Student - Course Learning Outcome (CLO) Attainment

Home / Reports / Student - Course Learning Outcome (CLO) Attainment

This report helps to find CLOs attainment of an individual student from any program , course wise.

Filters

School
Select School

Program
Select Program

Program Batch *
BS-EE-01

Student *
2012-BEE001-0001 - Hassan Abdullah

☒ Add CQI Activities as Well

☐ Show only those CLOs which are not met

[Report](#) [PDF](#) [Excel](#)

Student - Course Learning Outcome (CLO) Attainment

Student : 2012-BEE001-0001 - Hassan Abdullah
Program : Bachelor In Electrical Engineering
Program Batch : BS-EE-01

CLO	CLO Description	PLOs	Required Percentage	CLO Attainment
EE-509 - Electromagnetic Field , FALL 2014 EE-503 , Fall 2014				
CLO-1	Memorize and Understand the theories and concepts related to Electrostatics and Magnetostatics.	PLO 1 - Engineering Knowledge	50.00	70.71
CLO-2	Analyze the behavior of electric and magnetic fields at boundaries of different mediums		50.00	33.33
EE-510 - Electrical Machines Introductions , FALL 2014 E-502 , Fall 2014				
CLO-1	To describe fundamental theories and laws on magnetics & magnetically coupled circuits.		40.00	68.75
CLO-2	Describe the equivalent circuit of transformers and connection diagrams of auto and three phase transformers.		40.00	80.00
CLO-3	To explain the underlying theories and describe the characteristics and operation of, synchronous machines, induction motors and DC machines.		40.00	45.45
CLO-4	Derive the equivalent circuits and analyze performance of transformers, AC Machines and DC machines.		40.00	49.17
CLO-5	Use state of the art Labvolt transformer and motors equipment to demonstrate various operations and using MATLAB and/or LabVIEW as a tool to perform analysis..		40.00	78.57

5.15 Student wise Course Learning Outcome (CLO) Attainment

This report shows actual CLOs attainment of all students of a program.

Student wise Course Learning Outcome (CLO) Attainment

Home / Reports / Student wise Course Learning Outcome (CLO) Attainment

This report shows actual CLOs attainment of all students of a program.

Filters

School

Main Faculty

Semester

Fall 2014

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

☒ Add CQI Activities as Well
 ☐ Show only those CLOs which are not met

☐ Show CLO Description

Report

PDF

Excel

Student wise Course Learning Outcome (CLO) Attainment

Program : Bachelor in Electrical Engineering

Program Batch : BS-EE-01

Semester : Fall 2014

School : Main Faculty

EE-509 - Electromagnetic Field , FALL 2014 EE-503 , Fall 2014 , KPI: 50% , Dr. Alex Stewart

Registration No.	Name	CLO-1	CLO-2
2012-BEE001-0001	Hassan Abdullah	70.71	33.33
2012-BEE001-0002	Khalid Hussain	50.71	24.17

5.16 Outcome Based Education Transcript

This report generates OBE based transcript semester wise for individual and for all/specific student of Batch.

75

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Outcome Based Education Transcript

Home / Reports / Outcome Based Education Transcript

This report helps to find PLOs attainment of an individual student from any program.

Filters

School
Select School

Program
Bachelor in Electrical Engineering

Program Batch *
BS-EE-01

Student *
2012-BEE001-0001 - Hassan Abdullah

Semester *
1st

Report PDF



University of Computer and Information Technology
Department of Electrical Engineering
Main Faculty

Outcome Based Education Transcript

Name: Hassan Abdullah
Father's Name: _____
Date of Birth: _____
Registration No: 2012-BEE001-0001
Semester: 1st Semester



Sr.No	Program Learning Outcomes	Percentage Attained	Remarks
1.	PLO 1 - Engineering Knowledge	37.7	
2.	PLO 2 - Problem Analysis	90.9	
3.	PLO 3 - Design/Development of Solutions	0	
4.	PLO 1 - Engineering Knowledge	37.7	

Remarks: _____

Dated: 28 Mar 2019

Checked By: _____

Controller of Examinations

Noted :Errors/Omissions Expected. Any mistake must be intimated within 30 days of the issuance of this certificate.
Visit <https://www.QualityOBE.com>

5.17 Transcript GPA

This report generates GPA transcript of all the semesters for an individual student

Transcript - GPA

Home / Reports / Transcript - GPA

This report helps to find PLOs attainment of an individual student from any program.

Filters

School

Main Faculty

Program

Bachelor In Electrical Engineering

Program Batch *

BS-EE-01

Student *

2012-BEE001-0002 - Khalid Hussain

☒ Show Percentage

Report

PDF



University of Computer and Information Technology
Department of Electrical Engineering
Main Faculty

Transcript

Name: Khalid Hussain
Father's Name:
Date of Birth:
Registration No: 2012-BEE001-0002



Sr.No	Code	Courses	Credits	Percentage Attained	Grade	Score
Spring 2016						
1.	301	Electromagnetism	4	97.6100	A	4.00
2.	301	Electromagnetism	4	0.0000		
3.	EE-512	Digital Signal Processing Systems	4	0.0000		
4.	EE-518	Control Systems Concepts	4	0.0000		
5.	HU222	Professional Ethics	2	0.0000		
6.	MGT271	Entrepreneurship	2	0.0000		
			GPA	0.8	CGPA	1
Fall 2014						

5.18 Complex Engineering Problems Report

Complex Engineering Problems Report

Home / Reports / Complex Engineering Problems Report

Filters

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Student

2012-BEE001-0001 - Hassan Abdullah

☒ Show Problem Complexities
 ☒ Show PLOs
 ☒ Show Obtained Marks

☒ Show CLOs
 ☒ Show Knowledge Profiles

Report

PDF

Excel

Complex Engineering Problems Report

For Program Batch BS-EE-01

401 -Test Electromagnetism (KFUEIT401-Fall 2016-A) (Fall 2016)

Q1 -

Dated: 2019-01-07

Max Marks: 100.00

Problem Complexities

WP1 : Depth of knowledge required
Requires research-based knowledge much of which is at, or informed by, the forefront of the professional discipline and which allows a fundamentals-based, first principles analytical approach.

CLOs

CLO1 - Description

PLOs

PLO 1 - Engineering Knowledge

Knowledge Profiles

WK2 - Conceptually-based mathematics, numerical analysis, statistics and formal aspects of computer and information science to support analysis and modeling applicable to the discipline

Students

2012-BEE001-0001 - Hassan Abdullah

Obtained Marks

70.00

5.19 Course wise Program Outcome (PLO) Attainment

This report shows course wise actual attainment of Program Learning Outcome for a program

Course wise Program Outcome (PLO) Attainment

Home / Reports / Course wise Program Outcome (PLO) Attainment

This report shows course wise actual attainment of Program Learning Outcome for a program.

Filters

School

Select School

Program *

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Semester

All Semesters

☒ Add CQI Activities as Well
 ☐ Show only those PLOs which are not met

Report

PDF

Excel

Course wise Program Outcome (PLO) Attainment

Program : Bachelor in Electrical Engineering (BS-EE-01)

KPI : 60% Students Attained 40% PLO

Course	Course Section	Credit Hrs	PLO-1	PLO-2	PLO-3	PLO-5	PLO-9	PLO10	PLO11	PLO12	PLO4	PLO6	PLO7	PLO8
Semester 1														
CE-01 - Fluid Dynamics	CE-01	3+0												
CS-101 - Fundamentals of Computers	TRCS-101- Fall 2014-Q	2+1	100.00			60.00	60.00							60.00

5.20 Student wise Program Outcome (PLO) Attainment

This report shows actual PLOs attainment of all students of a program.

Marks of students are clickable, you can drill down to more detailed reports by clicking on marks of any student.

Sample

Report

Student wise Program Outcome (PLO) Attainment

Home / Reports / Student wise Program Outcome (PLO) Attainment

This report shows actual PLOs attainment of all students of a program.

Filters

School

Main Faculty

Program

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

Semester

All Semesters

☒ Add CQI Activities as Well
 ☐ Show only those PLOs which are not met

Report

PDF

Excel

Student wise Program Outcome (PLO) Attainment

Program : Bachelor in Electrical Engineering

Program Batch : BS-EE-01

School : Main Faculty

Registration No.	Name	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO10	PLO11	PLO12
2012-BEE001-0001	Usama Aslam	67.23	60.46	76.31	72.5	84.46	46.15	51.61	68.6	86.6	85.22	72.62	
2012-BEE001-0002	Khalid Hussain	56.04	57.34	68.29	71.22	73.21	47.03	27.42	61.37	87.19	77.45	63.1	

5.21 Course Assessment Summary

This report shows over all course assessment summary of a recent course taught. Observations are recorded for overall improvement, remedial (if needed) and then post remedial review.

Course Assessment Summary

Home / Reports / Course Assessment Summary

This report shows over all course assessment summary of a recent course taught. Observations are recorded for overall improvement, remedial (if needed) and then post remedial review.

Filters

School

Main Faculty

Department Offering Course

Department of Electrical Engineering

Semester

Fall 2014

Course Section *

FALL 2014 EE-501

☒ Add CQI Activities as Well

☐ CLO ☒ PLO

Report

PDF

Excel

Course Assessment Summary

Course : EE-516 - Communication Systems Introduction

Course Section : FALL 2014 EE-501

Teacher : Dr. Simon Joe Friaser

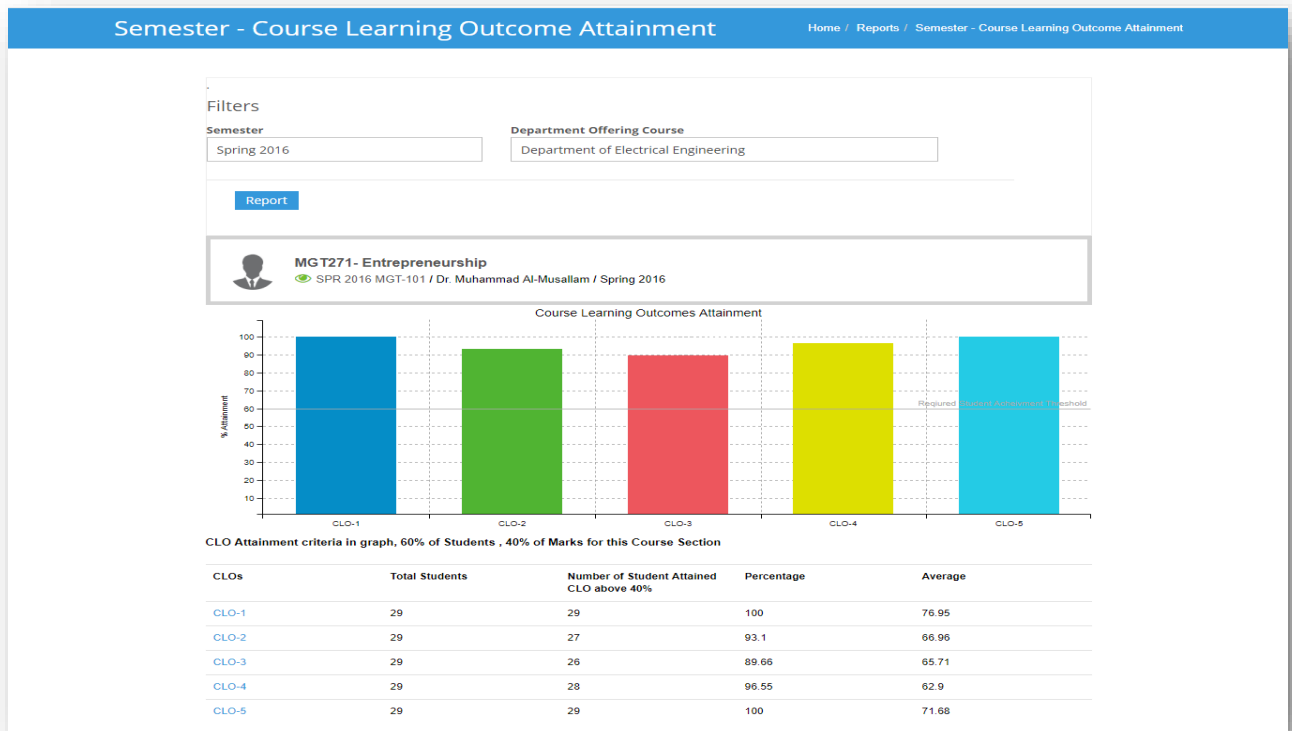
Semester : Fall 2014

Program Batch : BS-EE-01, Total Students: 29, Attainment Criteria (60% Students acheived 40% PLO)

PLO	PLO Attainment(%)	Assessment Methods	Recommendations/Comments
PLO 1 - Engineering Knowledge	62.07	Assignment 3, FT, Mid 1, Quiz 1, Quiz 2, Quiz 6	
PLO 2 - Problem Analysis	48.28	EE-FYP-Rubric, Mid 2, Quiz 1, Quiz 3, Quiz 4	
PLO 3 - Design/Development of Solutions	100.00	Assignment 2, Assignment 3, FP, Quiz 5	
PLO 4 - Investigation	100.00	Lab 14, Lab1, Lab10, Lab11, Lab12, Lab2, Lab3, Lab4, Lab5, Lab6, Lab7, Lab8, Lab9	

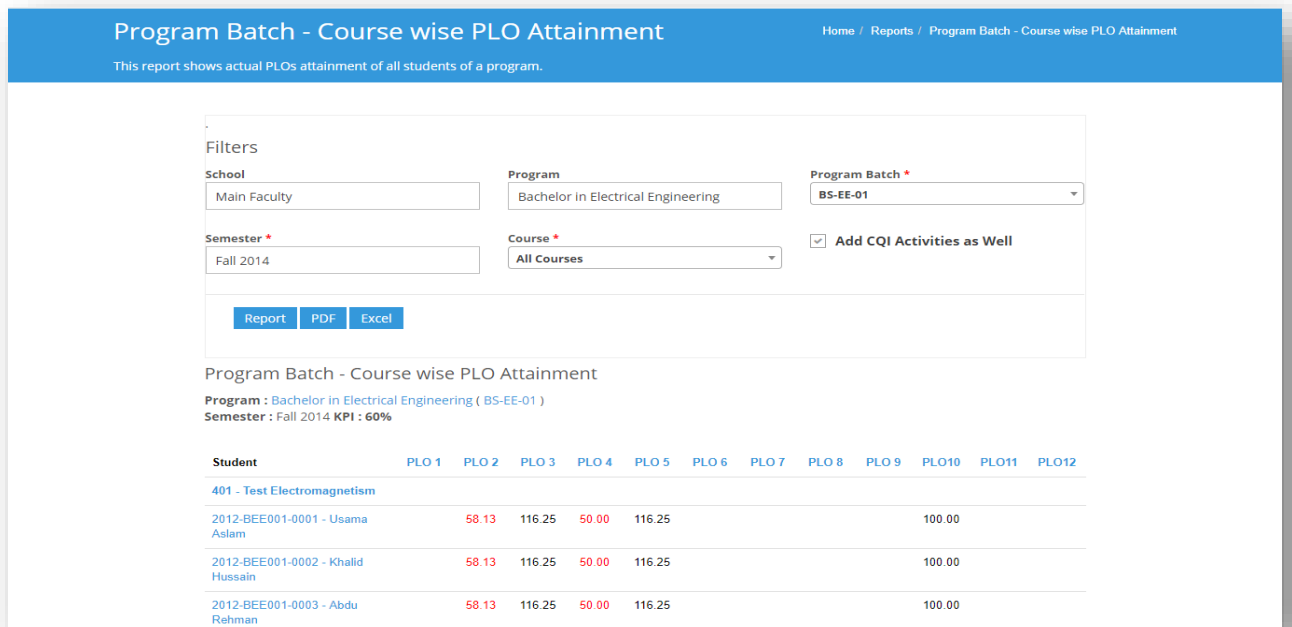
5.22 Semester – Course learning Outcome Attainment

This report generates CLO attainment summary in tabulated and graphic form for particular semester and department.



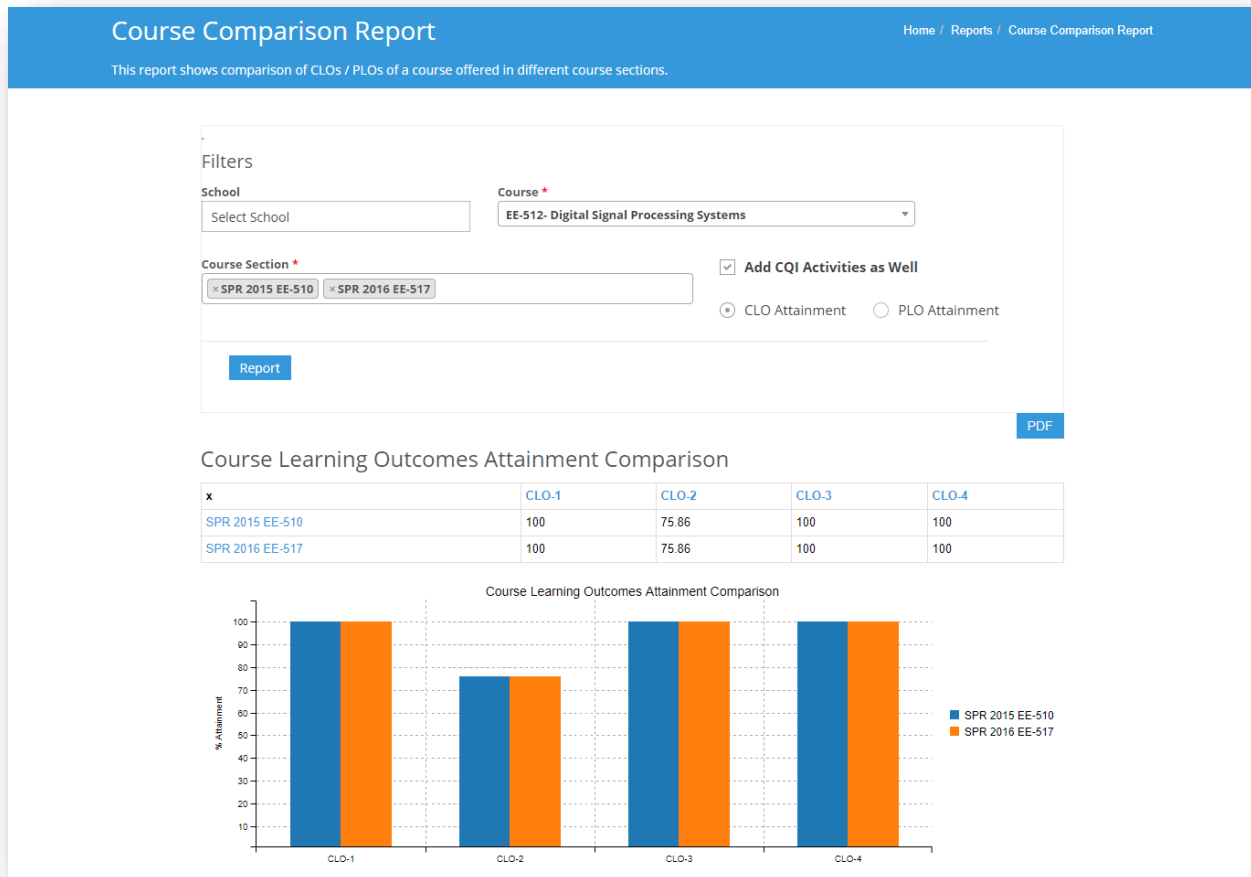
5.23 Program Batch - Course wise PLO Attainment

This report shows course wise actual attainment of Program Learning Outcome for a program batch



5.24 Course comparison Report

This report shows comparison of CLO/PLO's of a course offered in different course sections



5.25 Program Batch Comparison Report

This report shows comparison of PLOs of a program offered in different batches

Program Batch Comparison Report

Home / Reports / Program Batch Comparison Report

This report shows comparison of PLOs of a program offered in different batches.

Filters

Program *

Bachelor in Electrical Engineering

Program Batch *

BS-EE-01

BS-EE-02

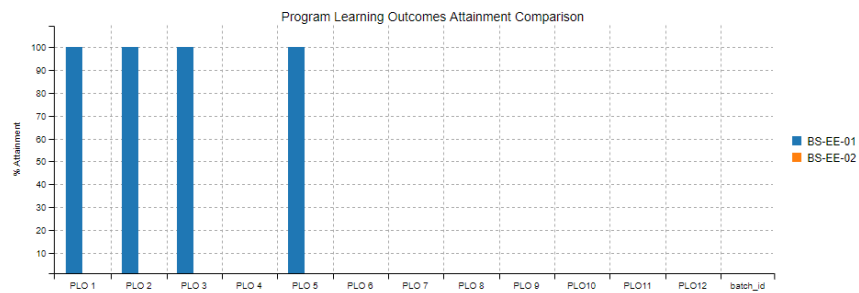
☒ Add CQI Activities as Well

Report

PDF

Program Learning Outcomes Attainment Comparison

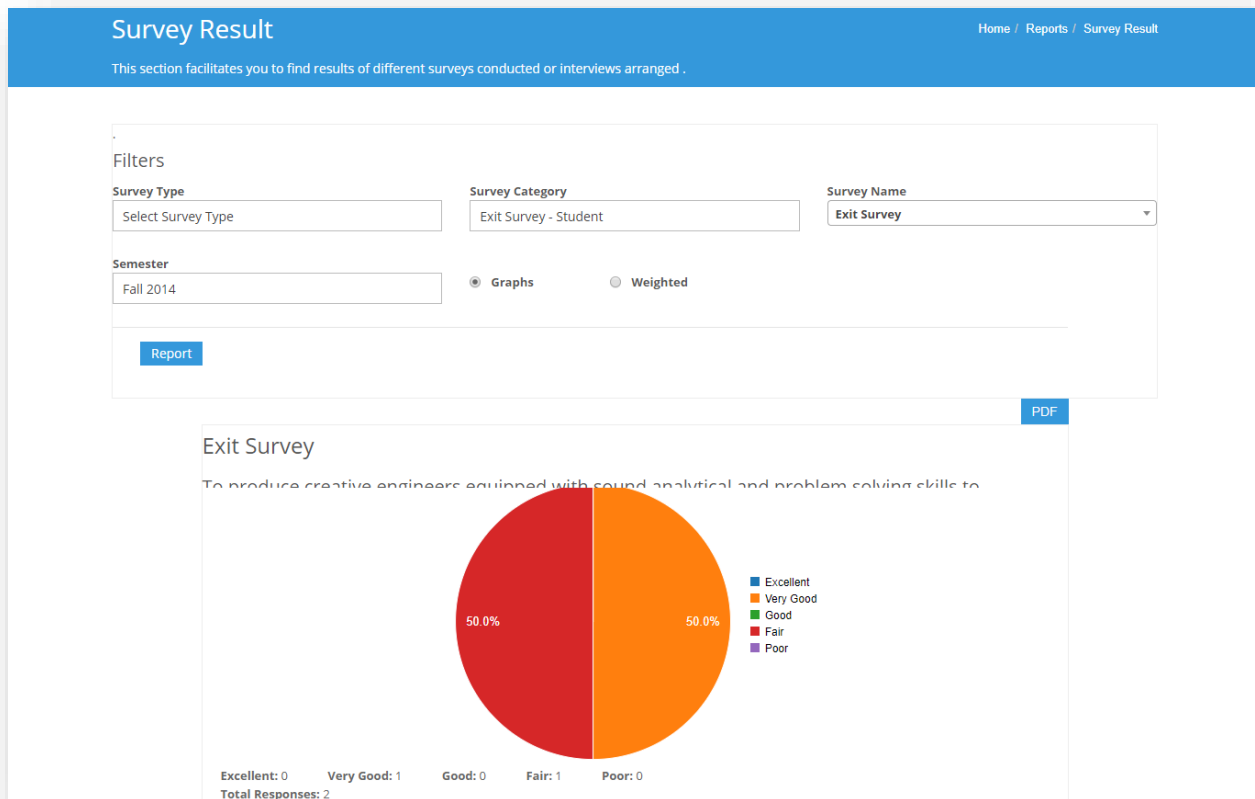
x	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO10	PLO11	PLO12	batch_id
BS-EE-01	100	100	100	0	100	0	0	0	0	0	0	0	0
BS-EE-02	0	0	0	0	0	0	0	0	0	0	0	0	0



5.26 Survey Result

This section facilitates you to find results of different surveys conducted or interviews arranged.

Sample report



5.27 PEO / PLO / CLO Wise Survey Result

This section facilitates you to find results of different surveys conducted or interviews arranged.

PEO / PLO / CLO Wise Survey Result

Home / Reports / PEO / PLO / CLO Wise Survey Result

This section facilitates you to find results of different surveys conducted or interviews arranged .

Filters

Select Type

PEO Based

Program

Bachelor in Electrical Engineering

Semester

☒ Fall 2014
 ☐ Spring 2015

☒ PEO / PLO Level
 ☐ KPI Level

Survey Category

☒ Exit Survey - Student
 ☐ Alumni Survey

Survey Name

☒ Exit Survey

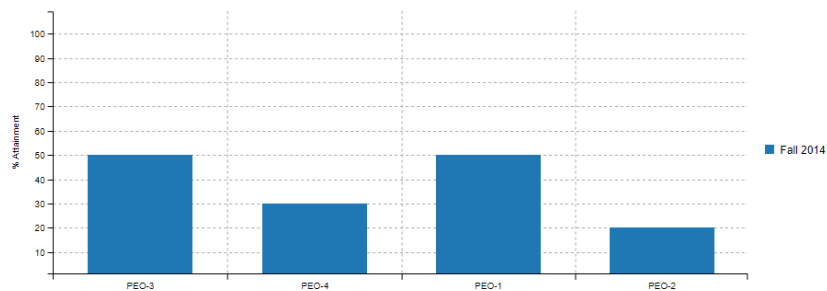
Report

PDF

PEOs Attainment

Department: Department of Electrical Engineering

Program: Bachelor in Electrical Engineering



Fall 2014

PEO-3 (W/S = 50)

Question :- To produce creative engineers equipped with sound analytical and problem solving skills to undertake real world challenges

PEO-4 (W/S = 30)

Question :- To produce responsible and ethical professionals with leadership qualities and effective soft skills.

PEO-1 (W/S = 50)

Question :- To produce enterprising professionals with a motivation for innovation and life-long learning.

PEO-2 (W/S = 20)

Question :- To produce employable graduates with strong concepts in the domain of Electrical Engineering

Exit Survey

Total Published : 0

Total Responses : 0

Response Percentage : 0%

5.28 CQI - CAR Status Report

CQI - CAR Status Report

Home / Reports / CQI - CAR Status Report

Filters

School

Main Faculty

Department

Department of Electrical Engineering

Semester

Fall 2014

Report

PDF

Excel

Course Section	Code	Course	Initiated	Under Discussion	Implementation Stage	Review Stage	Closed	CAR Ref
Dr. PeterJohnson								
FALL 2014 E-502	EE-510	Electrical Machines Introductions	3	0	0	0	0	CAR/Fall 2014/DEE/0003 , CAR/Fall 2014/DEE/0004 , CAR/Fall 2014/DEE/0005 ,
Dr. AlexStewart								
FALL 2014 EE-503	EE-509	Electromagnetic Field	4	0	0	0	0	CAR/Fall 2014/DEE/0006 , CAR/Fall 2014/DEE/0008 , CAR/Fall 2014/DEE/0009 , CAR/Fall 2014/DEE/0010 ,

6. Offer a course section?

1. Select **Department** from **institute** main menu

1.1 Adding Programs

- 1.1.1 Click button with caption **"Create program"**
- 1.1.2 Enter name of the program e.g. Bachelors of Electrical Engineering
- 1.1.3 Enter the short name of the program e.g. EE
- 1.1.4 Select Department if not selected
- 1.1.5 Select Program level e.g. 16 years' bachelors program
- 1.1.6 Select No. of Semesters e.g. 8 semesters for 4 years' bachelors program
- 1.1.7 Select assessment method as Washington accord/ Blooms taxonomy
- 1.1.8 Set marks KPI which represents minimum percentage required for student to clear a CLO/ PLO.
- 1.1.9 Set student KPI

1.2 Add PEO's to that program

1.3 Add program batches

- 1.3.1 Click button with caption **"Create Program Batch"**
- 1.3.2 Select Year
- 1.3.3 Enter name e.g. BS-EE-01
- 1.3.4 Enter number of semesters
- 1.3.5 Set marks KPI which represents minimum percentage required for student to clear a CLO/ PLO.
- 1.3.6 Set student KPI

- 1.4 Select created program Batch
- 1.5 Add Program Learning outcome
- 1.6 Add Batch Students
- 1.7 Add courses
 - 1.7.1 Click button with caption “**Create Course**”
 - 1.7.2 Add Course Code
 - 1.7.3 Add Course Name
 - 1.7.4 Add credit hours for theory and lab.
 - 1.7.5 Select the course type e.g. CLO based/ PLO based
 - 1.7.6 Select the check box with respect to course i.e Active, elective, supervised
 - 1.7.7 Select course level e.g. Undergraduate
 - 1.7.8 Select the department if not selected.
 - 1.7.9 Select knowledge profile
 - 1.7.10 Select program batch if not selected
 - 1.7.11 Select semester
- 1.8 Select created Course
- 1.10 Add Course learning outcome (CLO)
- 1.11 Map CLO with PLO
- 2 Select **Semester** from **Institute** main menu
 - 2.1 Create semester by clicking on **Create** button
 - 2.1.1 Select year
 - 2.1.2 Enter name of semester e.g Fall 2019
 - 2.1.3 Enter start and end date of semester
 - 2.2 Select the created semester
 - 2.3 Create course section by clicking on “**Create course section** “Button
 - 2.3.1 Select school
 - 2.3.2 Semester will be already selected
 - 2.3.3 Select course that you want to offer.
 - 2.3.4 Enter the name of course section
 - 2.3.5 Select teacher
 - 2.3.5 Add section name
 - 2.3.6 Set Marks KPI for students at course section level. Otherwise default KPI will be added.
 - 2.3.7 Set student KPI