

Attainment of programme outcomes and course outcomes using College ERP.

Attainment Configuration

→ Data Source

→ CO-PO mapping

The screenshot displays the 'CO-PO Mapping' configuration page in the College ERP system. The interface includes a sidebar menu on the left with options like 'My Dashboard', 'Timetable', 'Attendance', 'Lesson Plan', 'Planning & Tracking', 'CO PO Mapping', 'Marks Scored', 'Reports', 'Performance', 'Alerts / Notifications', 'My Profile', 'Work Diary', 'Exam Schedule', and 'Attainment'. The main content area shows the 'CO-PO Mapping for BBA' configuration.

CO List:

CO	Description
CO1	To identify the goals of financial management.
CO2	To apply the concepts of time value of money for financial decision making
CO3	To evaluate projects using capital budgeting techniques
CO4	To design optimum capital structure using EBIT and EPS analysis
CO5	To evaluate working capital effectiveness in an organization

BBA Department PO Details:

PO Number	Title
PO 1	Critical Thinking
PO 2	Effective Communication
PO 3	Social Interaction
PO 4	Effective Citizenship
PO 5	Ethics
PO 6	Environment and Sustainability
PO 7	Self-directed and Life-long Learning

Status: APPROVED by Ms Savitha B H

CO - PO Mapping for BBA:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7
CO 1	HIGH	NO MAPPING	NO MAPPING	NO MAPPING	MODERATE	NO MAPPING	HIGH
CO 2	HIGH	NO MAPPING	NO MAPPING	NO MAPPING	SLIGHT	NO MAPPING	MODERATE
CO 3	HIGH	SLIGHT	NO MAPPING	NO MAPPING	SLIGHT	NO MAPPING	NO MAPPING
CO 4	HIGH	NO MAPPING	NO MAPPING	NO MAPPING	NO MAPPING	NO MAPPING	SLIGHT
CO 5	HIGH	SLIGHT	NO MAPPING	NO MAPPING	MODERATE	NO MAPPING	NO MAPPING

Heratzen Technologies Pvt. Ltd.

→ Question Level CO Mapping (Direct Method)

Question Paper Status: Approved by Dr W Lakshminidhi

Question Paper Type: Part Based
of Questions to Attempt: 10

Sl. No	Module	Unit	Topic	Question	Part	Maximum Marks (40)	View	CO	BT/CL	Edit	Delete
1	3	Change Management	Introduction to Change Management: Meaning of Change	What is Change?	Part	2		CO 3	UNDERSTAND		
2	4	Organizational Development	Organizational Development: Meaning and Nature of Organizational Development (OD)	Give the meaning of OD	Part	2		CO 4	UNDERSTAND		

-> Attainment Calculation

-> Steps and Formula

Attainment Calculation Steps and Formulas :

Step 1: Calculation of attainment for Question: 1

a) # of students attended

- Total number of students who have attended Q1 = 65

b) # of students with achieved target

- Total number of students who have achieved target (50 %) = 59

c) Attainment percentage = (# of students with achieved target/ # of students attended) * 100

$$= \left(\frac{59}{65} \right) * 100$$

$$= 90.77 \%$$

d) Refer below attainment levels

Attainment level	Attainment score given, when
Attainment Level 1	60 % of students score more than 50%
Attainment Level 2	70 % of students score more than 50%
Attainment Level 3	80 % of students score more than 50%

As per the result obtained in 'step 1(C)' student percentage lies between either of the one range given below:

- Less than attainment level 1
Attainment = (actual percentage / attainmentLevel1)
- In between attainment level 1 and attainment level 2
Attainment = 1 + (1 / (attainmentLevel2 - attainmentLevel1)) * (actualPercentage - attainmentLevel1)
- In between attainment level 2 and attainment level 3
Attainment = 2 + (1 / (attainmentLevel3 - attainmentLevel2)) * (actualPercentage - attainmentLevel2)
- Greater than attainment level 3
attainment = 3

Therefore, total Question 1 attainment = 3

Therefore, total IA 1 attainment = (W1 Q1) / (W1)
(Where W = total number of students attended)
= 3



➔ Basic Configuration

Generic attainment configuration

CO Attainment Configuration

Academic Year : 2022-23

Attainment Configuration status : APPROVED

Basic configuration | Direct methods | Indirect methods | Set weightage

Source data configuration +

Attainment calculation configuration +

Rubrics & target configuration +

Save & Next >

➔ Step 1

Generic attainment configuration

CO Attainment Configuration

Academic Year : 2022-23

Attainment Configuration status : APPROVED

Basic configuration | Direct methods | Indirect methods | Set weightage

Source data configuration -

Student Status : Lateral Entry, Regular

Assesment score type for UE : Grades Marks

Assesment score : Zero inclusive
Max marks Absolute Relative(percentile)
Note : If Absolute, question-wise maximum marks else Student-wise marks (i.e Relative)

Tabulation levels for UE : Question level Equal distribution

Feedback type : Course end Course specific

PO calculation : Question-level PO mapping CO-PO mapping

Attainment calculation configuration +

<https://ramaiahgroup.dhi-edu.com/accreditation-angular/accred/genericbaattainmentconfiguration/genericnbacoattainmentconfiguration;selectedDegree=BBA;selectedDepartment=BBA#sourceData>

Step-2

The screenshot shows the 'Generic attainment configuration' page for 'CO Attainment Configuration' in the academic year 2022-23. The status is 'APPROVED'. The 'Attainment calculation configuration' section is active, showing various settings for marks calculation, display, and calculation types.

Academic Year : 2022-23 Attainment Configuration status : APPROVED

Basic configuration | Direct methods | Indirect methods | Set weightage

Source data configuration +

Attainment calculation configuration -

Marks calculation categorization : Course level target setting Course level range(rubric-based) setting

Question level average calculation : Weighted Simple

Assessment level average calculation: Weighted Simple

Attainment value display in percentage: Yes No

PO attainment calculation type : Sum Average

Overall PO attainment calculation : Average of section wise CO attainment Average of all students across sections CO attainment

Direct PO attainment calculation : Direct CO attainment Overall CO attainment

Indirect PO attainment calculation : Yes No

Exit feedback : Yes No

→ Step-3

The screenshot shows the 'Generic attainment configuration' page for 'CO Attainment Configuration' in the academic year 2022-23. The status is 'APPROVED'. The 'Rubrics & target configuration' section is active, showing settings for rubric levels and faculty editability.

Academic Year : 2022-23 Attainment Configuration status : APPROVED

Basic configuration | Direct methods | Indirect methods | Set weightage

Source data configuration +

Attainment calculation configuration +

Rubrics & target configuration -

Rubrics & target configuration levels: Program level Scheme level

Semester level Course type

Course level

Attainment configuration editable by faculty? Yes No

Save & Next >

<https://ramaiahgroup.dhi-edu.com/accreditation-angular/accred/genericbaattainmentconfiguration/genericbacoattainmentconfiguration;selectedDegree=BBA:selectedDepartment=BBA#rubrictargetData>

➔ Direct Method calculation

Academic Year: 2022-23

Attainment Configuration status: **SAVED**

Basic configuration | **Direct methods** | Indirect methods | Set weightage

THEORY

Method

Sl. #	Method Name	Description	Target	Rubrics	Delete
1	IA (IA)	IA	20	L1 : Students scoring b/w 0 % to 40 L2 : Students scoring b/w 40 % to 60 L3 : Students scoring b/w 60 % to 100	
2	OA (Other Assessment)	OA	10	L1 : Students scoring b/w 0 % to 40 L2 : Students scoring b/w 40 % to 60 L3 : Students scoring b/w 60 % to 100	
3	SEE (UE)	SEE	30	L1 : Students scoring b/w 0 % to 40 L2 : Students scoring b/w 40 % to 60 L3 : Students scoring b/w 60 % to 100	

Save

➔ Indirect Method Calculation

Academic Year: 2022-23

Attainment Configuration status: **SAVED**

Basic configuration | Direct methods | **Indirect methods** | Set weightage

THEORY

Method

Sl. #	Method Name	Description	Target	Rubrics	Delete
1	Feedback	Feedback	80	L1 : Students scoring b/w 0 % to 40 L2 : Students scoring b/w 40 % to 60 L3 : Students scoring b/w 60 % to 100	

Save

Previous **Next**

➔ Total Weightage

RAMAIAH
College of Arts, Science & Commerce

Academic Year : 2022-23

Attainment Configuration status : **SAVED**

Generic attainment configuration

Basic configuration | Direct methods | Indirect methods | **Set weightage**

THEORY

Set First Level Weightage

Weightage For CO

Enter Weightage for Direct Method

Enter Weightage for Indirect Method

Reset

Set Second Level Weightage For All Direct Methods

Add Weightage

IA Other Assessment UE

Set Second Level Weightage For All Indirect Methods

Add Weightage

Feedback

Vatsala'y
Principal,
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore - 560 054