

# OUT COME BASED EDUCATION MANUAL

## 2024-2025

IQAC CELL





The Highest Law of Love is Service

## COLLEGE OF SOCIAL WORK (AUTONOMOUS) , NIRMALA NIKETAN



57<sup>th</sup> Position in the NIRF Ranking  
of Colleges for the Year 2023 by  
the Ministry of Education, Govt

NAAC Re-Accredited "A" Grade (3rd Cycle)  
with CGPA 3.53 on a Scale of 4 in 2015; and  
awarded Autonomy Status by UGC in 2019



Brief Overview on OBE

Curriculum Plan and Internal Assessment Pattern

IQAC CELL 2024-2025

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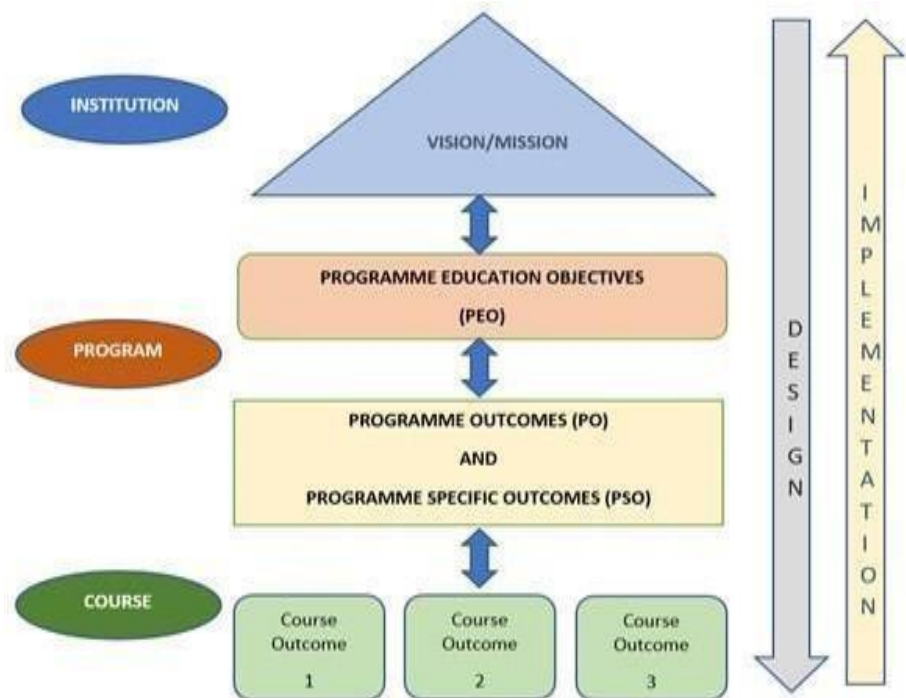


## A Brief Overview on Out Come Based Education

Outcome Based Education is a student-centric instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. Its focus remains on evaluation of outcomes of the program by stating the knowledge, skill and behavior a graduate

is expected to attain upon completion of a programme. OBE is a performance-based approach, offers a powerful and appealing way of reforming and managing education. The emphasis is on the product, what sort of graduates would

be produced, rather than on the educational process. In OBE, the educational outcomes are clearly and definitely specified. It determines the curriculum content and its organization, courses offered, teaching methods and strategies and the assessment processes.



## Vision and Mission of the college

The vision and mission of the College is:

- To contribute to building a new social order based on human dignity and social justice.
- To work with a preferential option for the vulnerable and exploited, both locally and globally.



- To build a cadre of young, competent professionals having a global perspective and a strong value base of compassion, personal integrity, moderation, tolerance and self-respect.

### **Objectives of the Programs Offered by the College**

Objectives of the programs offered by the College are as follows:

- Facilitate an understanding of the history and context of the communities and societies within which we function.
- Develop a local and global understanding of the dynamics of poverty and human development, and its impact on various social groups
- Develop an understanding of the dynamics of the state and civil society organizations in the context of transnational influences.
- Develop skills for devising and implementing effective, people-oriented interventions to ameliorate the miseries of marginalized populations and develop skills for practice-based research into social phenomena and issues.
- Develop appreciation for the values of social justice, human dignity, tolerance and respect toward ‘the other’ in a diverse society.
- Develop sensitivity toward the vulnerable sections of the population and recognize and uphold their right to participation in governance and to self-determination.
- Develop professional ethics with reference to self and society and commitment to all aspects of work.

## Vision Statement

To build a **just** and **dignified** social order by empowering **vulnerable** and **marginalised** groups, guided by the values of **human dignity, social justice**, and the ideals enshrined in the **Indian Constitution**."

## Mission statement

1. To **educate** and **mentor** young professionals with a global outlook, grounded in **compassion, integrity**, and a **commitment** to social justice.
2. To provide comprehensive academic programs at the Bachelor's, Master's, and PhD levels, equipping students with the skills and knowledge necessary to address local and global **social challenges**.
3. To foster an **inclusive learning environment** that cultivates **tolerance, moderation**, and **self-respect**, preparing students to become ethical leaders and advocates for **marginalised/ Less privileged** communities.

## Program Outcomes for BSW

- Graduates will critically analyze social realities, understand their changing dynamics, and actively engage in processes that contribute to positive social transformation.
- They will demonstrate an in-depth understanding of diverse communities, their unique challenges, and systemic inequalities, and advocate for social justice in their professional practice.
- Graduates will apply appropriate social work methods and strategies to effectively work with individuals, groups, and communities, addressing various social issues.
- They will embody professional social work values and ethics, ensuring integrity, respect, and accountability in all aspects of their practice.
- Graduates will develop problem-solving abilities and intervention strategies tailored to the needs of marginalized and vulnerable populations.
- They will integrate research and evidence-based knowledge to design, implement, and evaluate social work interventions effectively.
- Graduates will exhibit strong communication skills and the ability to collaborate with multidisciplinary teams to address social challenges holistically.

- They will demonstrate a commitment to lifelong learning, staying informed about emerging trends and practices in the field of social work.

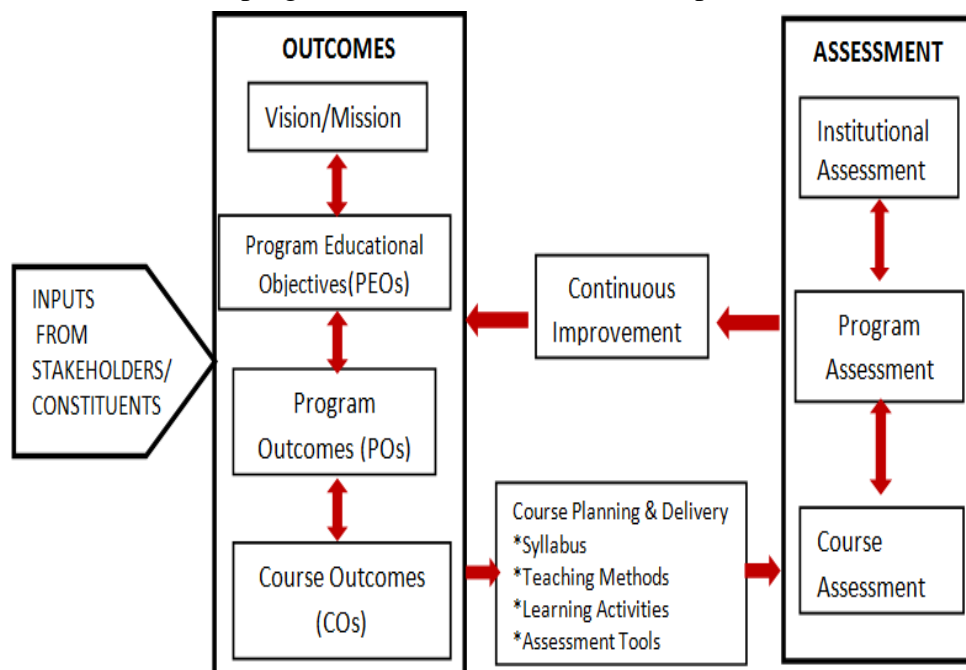
## **Program Outcomes For MSW**

- Graduates will develop a critical and interdisciplinary understanding of social structures, inequalities, and systemic challenges, enabling them to design and implement effective social work interventions.
- They will apply advanced social work theories, frameworks, and evidence-based practices to engage with individuals, families, groups, and communities at micro, meso, and macro levels.
- Graduates will demonstrate professional competencies in clinical social work, community organization, policy advocacy, and participatory development, addressing diverse social issues.
- They will uphold ethical principles, social justice, and human rights in their professional practice, ensuring dignity, inclusivity, and accountability in all interventions.
- Graduates will integrate research methodologies, policy analysis, and program evaluation to enhance the effectiveness of social work interventions and contribute to knowledge production in the field.
- They will critically assess and influence social policies, welfare programs, and governance structures to advocate for legislative reforms and rights-based approaches for marginalized communities.
- Graduates will develop leadership, entrepreneurial, and management skills to design, implement, and sustain social initiatives, working collaboratively with multidisciplinary teams and stakeholders.
- They will demonstrate a lifelong commitment to learning, innovation, and professional development, staying responsive to emerging global and local social challenges.



## OUTCOME BASED CURRICULUM

Outcome-based education approaches the curriculum decision making based on the competencies students should demonstrate at the end of their educational program, thus the outcomes or competencies dictate the curriculum content and organization, the teaching methods and strategies, the course offered, the educational environment and the assessment strategies. All curriculum and teaching decisions are made based on how best to facilitate the desired final outcome.



### Steps for planning and implementing outcome based curriculum:

#### Deciding on the outcomes:

- The educational outcomes are clearly identified and unambiguously specified regarding the content, context and competence.

#### Demonstrating outcomes:

- The expected outcome should be defined by setting benchmarks for each level of the program. Each benchmark is a skill that must be demonstrated by the student. Benchmarks should tackle and define specifically the goals of the curriculum and verify ways to assess whether students have reached these goals at that level of study.

#### Deciding on contents and teaching strategies:

- OBE can be implemented as a whole class models which aim to bring all learners in a classroom up to high levels of learning before proceeding further or by the Flexible models which use flexible grouping, continuous progress, technological approaches and instructional management.

### **OBE PROCESS AND FRAMEWORK :**

There are four levels of outcomes are considered in OBE Processes such as Course Outcomes (CO), Program Outcomes (PO), Program Specific Outcomes (PSO) and Program Educational Objectives (PEO).

#### **PROGRAMME EDUCATIONAL OBJECTIVES (Vision and Mission)**

(PEOs) PEO refers to specific goals consistent with the institutions mission and vision that are responsive to the expressed interest of programme stakeholders, in particular the requirements of professional bodies. PEOs describe the expected achievements of graduates in their career and professional life a few years after graduation.

#### **PROGRAMME OUTCOMES**

(POs): PO refers to the statements that describe what students are expected to know and be able to perform or attain by the time of graduation. These relate to the skills, knowledge, and behavior that students acquire through the programme. It is vital for lecturers and students to visualize the relevance of POs in achieving the overarching PEOs of their programme.

#### **PROGRAM SPECIFIC OUTCOMES**

(PSOs): Program Specific Outcomes are the statements that assert what the Graduates of a specific programme should achieve

#### **COURSE OUTCOMES (COs):**

Course Outcome is a statement that describes what students are expected to know and be able to perform or attain upon completion of a course. Each CO contributes to the achievement of PO via curriculum design, course delivery and assessment tasks that are most appropriate to attain that CO.

**Important framework to understand Outcome based education Process**

## **OUTCOME BASED LEARNING AND TEACHING**

Outcome-based Teaching and Learning (OBTL) is a student-centered education approach where the programmes intended learning outcomes are explicitly defined for students to achieve. Teaching and learning activities are then carefully designed to facilitate students to achieve these outcomes. The success of OBTL is based on evidences from the assessment results and student learning experience.

**The Outcome based Teaching and learning approach focuses on:**

- The alignment of the desired graduate attributes, programme intended learning outcomes and module intended learning outcomes.
- The development of teaching and learning activities in enhancing student learning experiences.
- The design of assessment processes to monitor students' learning progress and the achievement of the desired outcomes and attributes.

## **OUTCOME BASED ASSESSMENT**

**Assessment** is one or more processes which is carried out by the institution, that identify, collect and prepare data to evaluate the achievement of course outcomes and program outcomes.

**Attainment** is the action of achieving a standard result towards accomplishment of desired goals. Primarily attainment is the standard of academic attainment as observed by test and examination result.

**Two types of CO assessment methods are employed in Outcome Based Assessment,**

- Direct Assessment
- Indirect Assessment

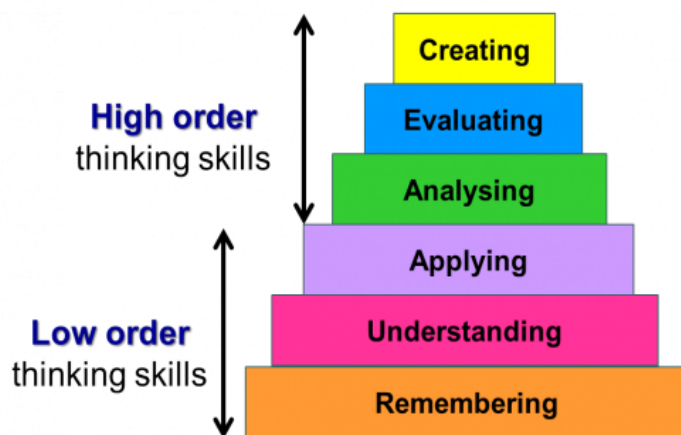
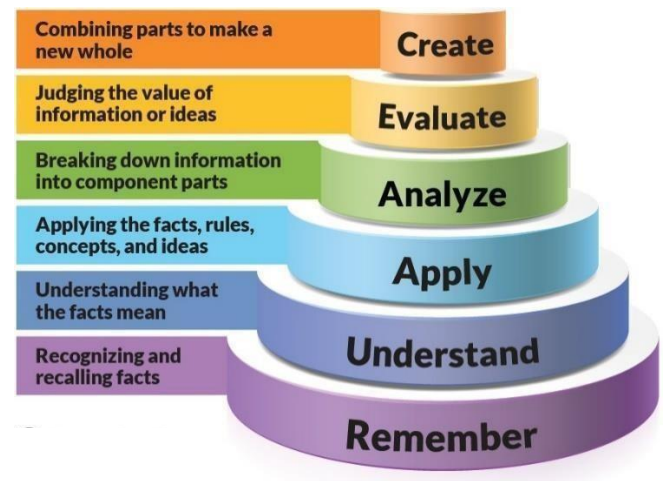
**The direct methods (Mark based Assessments)** display the student's knowledge and skills from their performance in the continuous internal assessment tests, semester examinations and supporting activities such as seminars, assignments, case study, group discussion, online quiz, mini project etc., These methods provide a sampling of what students know and can do and provide strong evidence of student learning.



**The indirect method (Survey based Assessments)** done through surveys and interviews, it asks the stakeholders to reflect their views on student's learning. The institute assesses opinions or thoughts about graduate's knowledge or skills by different stakeholders

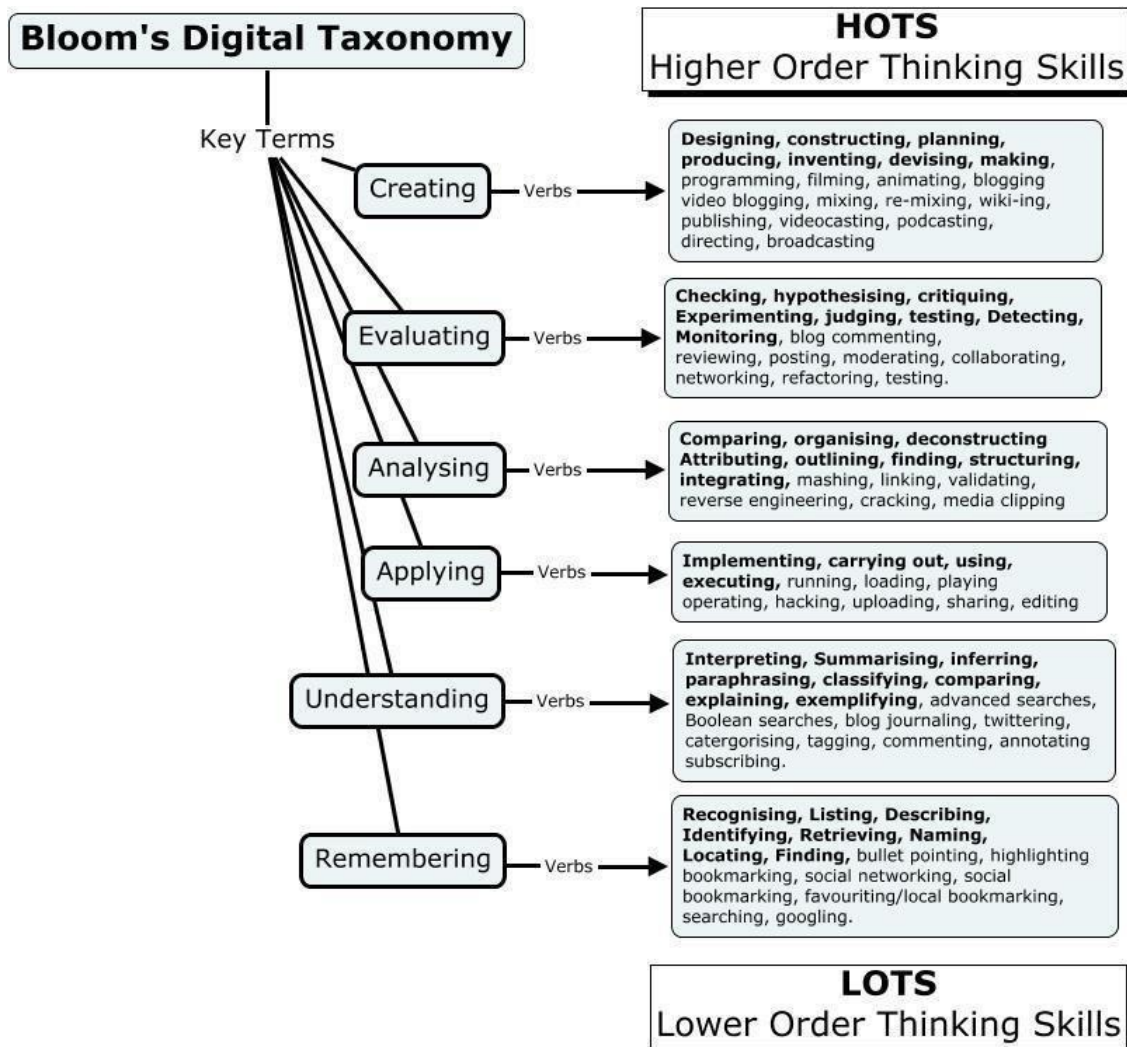
### Blooms Taxonomy and Outcome Based Education

Bloom's Taxonomy is a widely recognized framework used to classify educational objectives and define different levels of learning. Developed by Benjamin Bloom and his colleagues in the 1950s, this taxonomy has become an essential tool for educators worldwide. OBE focuses on aligning educational goals with desired outcomes, emphasizing the acquisition of specific skills, knowledge, and competencies. By understanding their interrelation, educators can create engaging and purposeful learning environments that promote critical thinking, creativity, and holistic development among students.



As for the six levels of Bloom's taxonomy, there are certain characteristics for each level, Knowledge, for example, is the level of thinking that may elicit gaining and memorizing information. Comprehension level, involves understating the information and interpret facts. As for the Application level, students are being asked to apply and use the information they gained. Besides, at the Analysis phase learners are supposed to analyze, investigate and infer. At Synthesis level, moreover, learners are required to induct theories, predictions, and evaluation. That is why, learners at this level

can come up with conclusions and become more critical and creative (Bloom, 1965). These different levels where divided in two levels; LOTS and HOTS.



### Instructional Strategies Based on Blooms Taxonomy

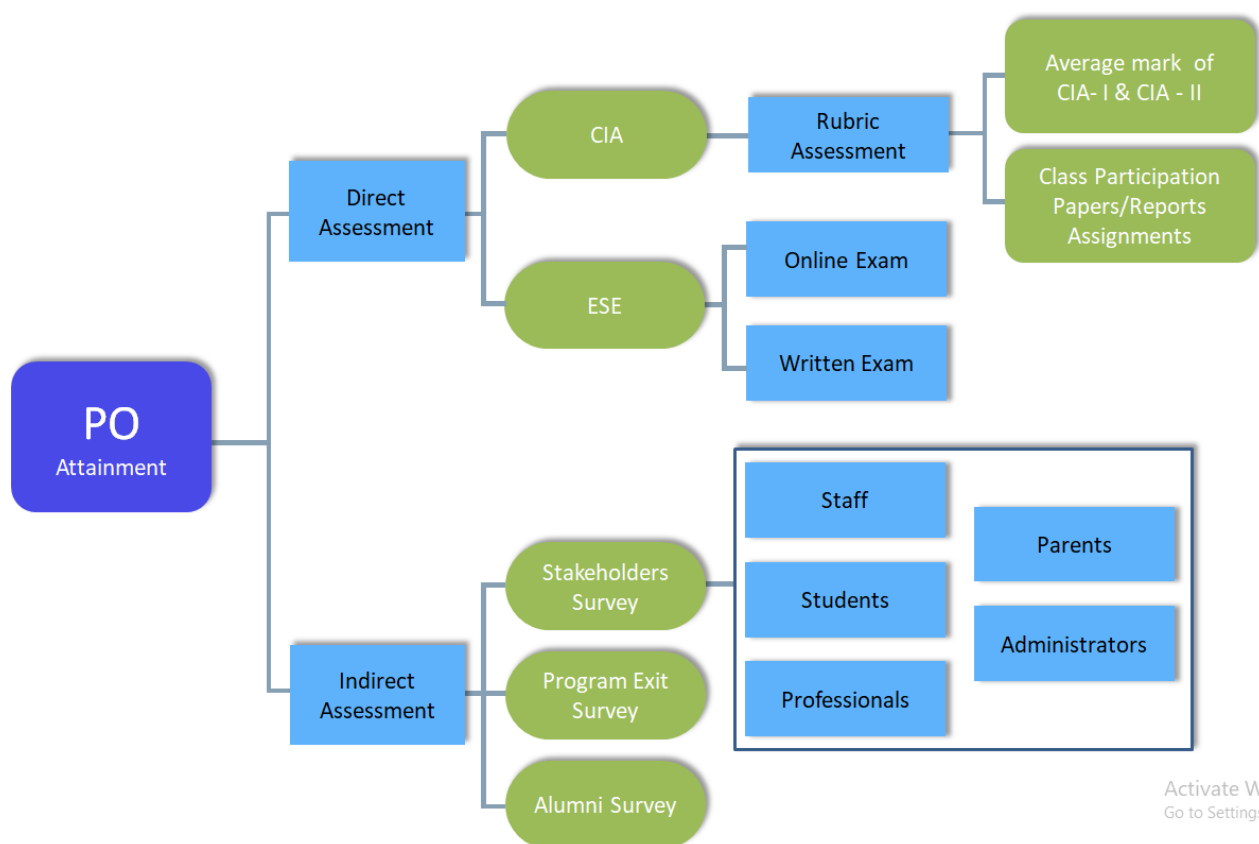
Category	Verbs	Instructional Strategies / Products
<b>Remember</b> Recognizing, Recalling	Arrange, Count, Define, Describe, Draw, Duplicate, Identify, Label, List, Match, Name, Order, Point, Quote, Read, Recall, Recite, Recognize, Record, Repeat, Reproduce, Select, State, Write	Analogies, Audio, Charts, Examples, Illustrations, Lecture, Timelines, Video, Visuals Quiz, Definition, Fact, Worksheet, Test, Label, List, Workbook, Reproduction, Vocabulary
<b>Comprehend</b> Interpreting, Exemplifying, Classifying, Inferring, Comparing, Explaining	Associate, Classify, Compare, Compute, Contrast, Convert, Describe, Differentiate, Discuss, Distinguish, Explain, Express, Extend, Generalize, Give Examples, Identify, Indicate, Locate, Listing, Matching, Paraphrase, Predict, Recognize, Report, Restate, Review, Rewrite, Select, Sort, Summarize, Tell, Translate	Discussion, Learner Presentations, Questions and Answers, Reports, Summaries, Recitation, Summary Collection, Explanation, Show and tell, Example, Quiz, List, Label, Outline
<b>Apply</b> Executing, Implementing	Add, Apply, Calculate, Change, Choose, Classify, Complete, Compute, Demonstrate, Determine, Develop, Discover, Divide, Dramatize, Employ, Examine, Formulate, Graph, Illustrate, Interpret, Manipulate, Modify, Multiply, Operate, Organize, Perform, Practice, Predict, Prepare, Produce, Relate, Schedule, Shop, Show, Sketch, Solve, Subtract, Translate, Use	Demonstrations, Exercises, Microteach, Practice, Projects, Role Play, Simulations, Sketches Photograph, Illustration, Sculpture, Presentation, Interview, Performance, Diary, Journal
<b>Analyze</b> Differentiating, Organizing, Attributing	Analyze, Appraise, Arrange, Breakdown, Calculate, Combine, Compare, Contrast, Criticize, Design, Detect, Determine, Develop, Diagram, Differentiate, Discriminate, Distinguish, Estimate, Examine, Experiment, Extrapolate, Formulate, Identify, Illustrate, Infer, Inspect, Inventory, Outline, Point Out, Question, Relate, Select, Separate, Subdivide, Test, Utilize	Case Studies, Critical Incidents, Discussion, Problems Graph, Spreadsheet, Checklist, Chart, Outline, Survey, Database, Mobile, Abstract, Report
<b>Evaluate</b> Checking, Critiquing	Appraise, Argue, Assess, Attack, Choose, Compare, Conclude, Contrast, Criticize, Critique, Defend, Determine, Estimate, Evaluate, Grade, Interpret, Judge, Justify, Measure, Predict, Rank, Rate, Revise, Score, Select, Support, Test, Value, Weigh	Appraisals, Case Studies, Critiques, Exercises, Projects, Simulations Debate, Panel, Report, Evaluation, Investigation, Verdict, Conclusion, Persuasive speech
<b>Create</b> Generating, Planning, Producing	Arrange, Assemble, Categorize, Collect, Combine, Compile, Compose, Construct, Create, Debate, Derive, Design, Devise, Explain, Formulate, Generate, Group, Integrate, Manage, Modify, Order, Organize, Plan, Prepare, Prescribe, Produce, Propose, Rearrange, Reconstruct, Relate, Reorganize, Revise, Rewrite, Specify, Summarize, Synthesize, Tell, Transform	Case Studies, Constructs, Creative Exercises, Develop Plans, Problems, Projects, Simulations Film, Story, Plan, New game, Newspaper, Media product, Advertisement, Painting, Song



## COURSE OUTCOME ASSESSMENT PROCESS

The Key aspects in Outcome-Based Education (OBE) are the assessment of Course Outcomes. At the initial stage of OBE implementation, the Course Outcomes (COs) for each course are defined based on the Program Outcomes (POs) and other requirements. At the end of each course, the COs need to be assessed and evaluated to check whether they have been attained or not.

The process of attainment of COs, POs and PSOs starts from writing appropriate COs for each course of the program from first year to fourth year in a four-year engineering degree program. The course outcomes are written by the respective faculty member using action verbs of learning levels suggested by Bloom and Anderson. Then, a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium) and 3 being substantial (high). A mapping matrix is prepared in this regard for every course in the program including the elective subjects. The course outcomes written and their mapping with POs are reviewed frequently by a committee of senior faculty members before they are finalized.



Assessment is one or more processes carried out by the institute, which identify, collect and prepare data to evaluate the achievement of POs and Program Specific Outcomes (PSOs). Attainment is the action or fact of

achieving a standard result towards accomplishment of desired goals. Primarily attainment is the standard of academic attainment as observed by examination results.

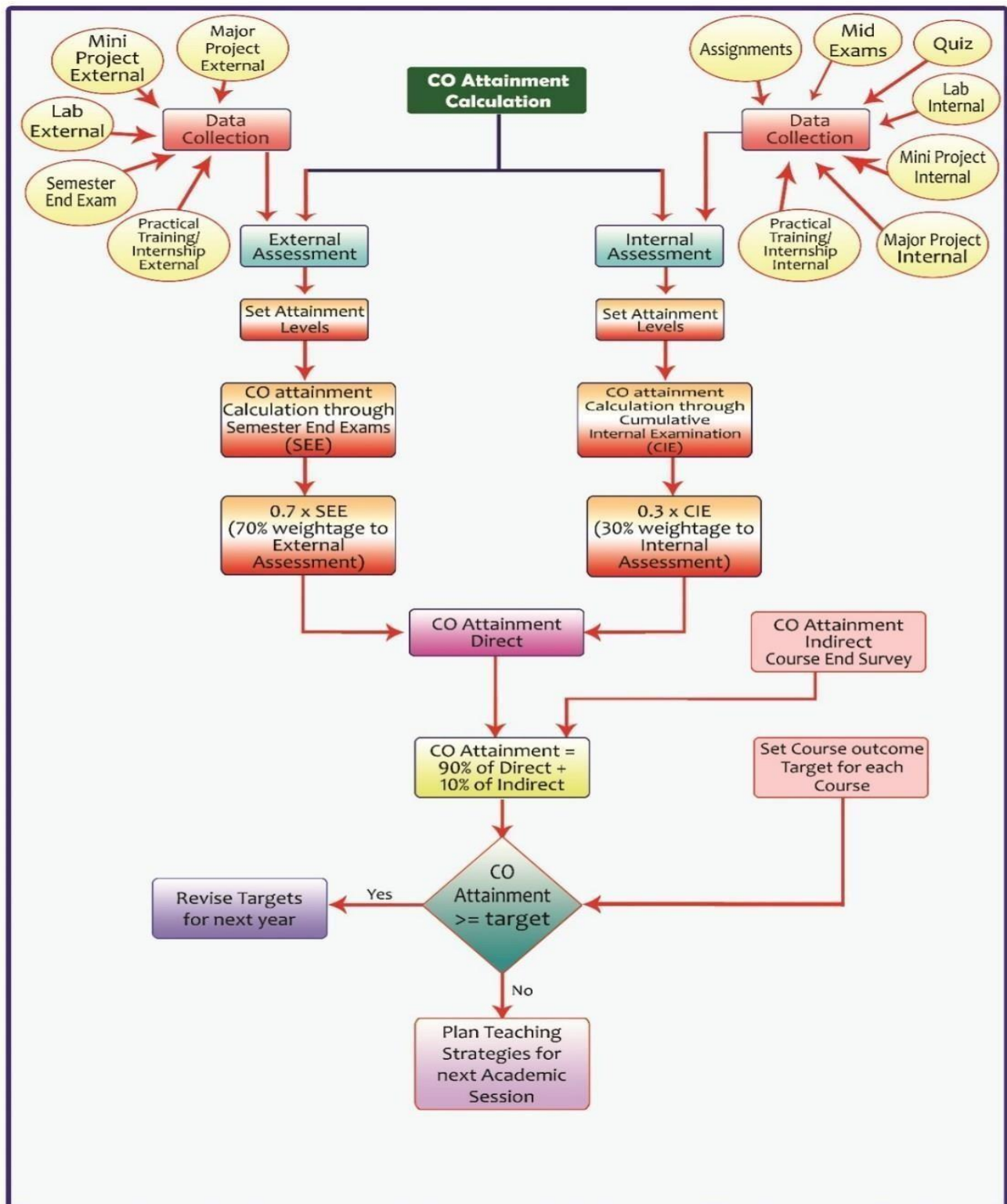
Course Outcomes (COs): Statements indicating what a student can do after the successful completion of a course. Every Course leads to some Course Outcomes. The CO statements are defined by considering the course content covered in each module of a course. For every course there may be 5 or 6 COs. The keywords used to define COs are based on Bloom's Taxonomy

Assessment of POs is done in two different methods as given in table.

Assessment Type	Weightage (%)	Tool
Direct	80%	Cia And End Of Semester
Indirect	20%	Course End Survey, Stakeholder feedback, Program Exit Survey, Alumni Survey

Attainment of the COs can be measured directly and indirectly. Direct attainment displays the student's knowledge and skills from their performance. It can be determined from the performance of the students in all the relevant assessment instruments like internal assessments, assignments, quiz and final examinations. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

Indirect methods such as Course End Surveys ask the students to reflect on their learning. They access opinions or thoughts about the graduate's knowledge or skills. Indirect measures can provide information about graduate's perception of their learning and how this learning is valued by different stakeholders.



College of Social work (Empowered Autonomous), Nirmala Niketan Mumbai



## CURRICULUM PLAN

NAME OF TEACHER:

YEAR:

SEMESTER:

COURSES TAUGHT DURING THE SEMESTER:

Program	Semester	Subject Codes	Title of the Paper	Number of Credits

SIGNATURE OF TEACHER

SUBMITTED TO IQAC ON:

**Program Details:**

**Course****Semester Details:**

Sub Code	Title of the Paper	No of credits	Course Outcome

**Program Details:**

**Course:**

**Semester Details:**

Sub Code	Title of the Paper	No of credits	Course outcome

**Program Details:**

**Course:**

**Semester Details:**

Sub Code	Title of the Paper	No of credit s	Course Outcome

## Unit Wise Lesson Plan

<b>BSW Program/MSW</b>	<b>Semeste r  Details</b>	<b>Subject  Code</b>	<b>Title of the Paper</b>	<b>Number of  Credits</b>

**Program Details:**  
**Semester Details:**  
**Name of the Course:**

Week/ Month	Unit and Subtopic's under each Unit	No of Hours	Teaching/ Learning methods	Method of Assessing Students Learning

**Program Details:**  
**Semester Details:**  
**Name of the Course:**

Week/ Month	Unit and Subtopic's under each Unit	No of Hours	Teaching/ Learning methods	Method of Assessing Students Learning



**Program Details:**  
**Semester Details:**  
**Name of the Course:**

Week/ Month	Unit and Subtopic's under each Unit	No of Hours	Teaching/ Learning methods	Method of Assessing Students Learning

**College of Social work (Empowered Autonomous), Nirmala Niketan Mumbai**

**ASSESSMENT PLAN**

NAME OF TEACHER:

YEAR:

SEMESTER:

COURSES TAUGHT DURING THE SEMESTER:

Program	Semester	Subject Codes	Title of the Paper	Number of Credits

SIGNATURE OF TEACHER

SUBMITTED TO IQAC ON:

## **INDICATIVE LIST OF TESTING / ASSESSMENT METHODS AND ASSIGNMENT TESTING / ASSESSMENT METHODS**

- Multiple-Choice Questions
- Short Answer:
- Essay Questions:
- Sub unit Quizzes
- Weekly Quizzes:
- Short tests often given during or after lectures to assess understanding of recent material
- Preparing Conceptual Maps of topics Assigned

## **ASSIGNMENT COMPONENTS**

- Analysis of Research Papers: In-depth studies on a specific topic, requiring extensive research and critical analysis.
- Writing Essays / Submission of reports focusing on specific themes or questions.
- Presentations: Individual and Group Presentations
- Group Projects
- Case study Analysis
- Creative Assignments; Preparing Audio Visual Aids related to Field work
- Field Based Assignments
- Community Engagement Projects: Assignment based on Community Needs Assessment: Students can conduct a needs assessment in a local community or organization, identifying social issues and proposing interventions.
- Client Narratives: Students can write narratives from the perspective of a client, reflecting on their experiences, challenges, and interactions with social workers.
- Social Justice Blog or Podcast: Students can create blogs or podcasts discussing social justice issues, sharing insights from coursework and field experiences to raise awareness and promote dialogue.
- Photo Voice Projects: Use photography to capture and highlight social issues or community strengths, accompanied by narratives or reflections.

- Documentary Films: Create short documentaries on social issues or profiles of individuals and organizations making a difference in the community.
- Policy Analysis and Advocacy issues
- Policy Briefs: Research and develop policy briefs on current social policies or proposed reforms, analysing their impact on vulnerable populations and advocating for change.
- International Social Work Analysis: Research and analyze social work practices and challenges in different countries or regions, comparing cultural perspectives and approaches to addressing social issues.
- Reflective Journals: Encourage students to maintain journals throughout their field placements or coursework, reflecting on personal growth, ethical dilemmas, and lessons learned.
- Social Work Practice Blogs: Students can create blogs discussing social work theories, interventions, and personal experiences in the field, promoting critical reflection and dialogue among peers.
- Art Therapy / Expressive Arts Activities: Engage in art-based activities (e.g., drawing, painting, collage) to explore emotions, self-awareness, and therapeutic techniques used in social work practice.

## INTERNAL ASSESSMENT

## PATTERN UNIT WISE

## ASSESSMENT

### Program Details:

**Name of the course : Semester Details:**

[illegible]

## INTERNAL ASSESSMENT

### PATTERN UNIT WISE

## ASSESSMENT

### Program Details:

**Name of the course : Semester Details:**

[illegible]



## INTERNAL ASSESSMENT

## PATTERN UNIT WISE

## ASSESSMENT

### Program Details :

**Name of the course : Semester Details:**

[illegible]

TEMPLATE FOR INTERNAL MARK SUBMISSION

Details of the course BSW/MSW/MASIE								
TOTAL MARKS ASSIGNED FOR INTERNALS								
Course Details : BSW/MSW/MASIE				Faculty : -				
Subj ect :								
ROL L NO .	STUDE NTS NAME							OVER ALL MAR KS
		UNI T COVER ED :	UNI T COVER ED	UNIT COVER ED	UNIT COVER ED	UNI T COVER ED	UNI T COVER ED	
		TOPIC	TOPIC	TO PI C	TOPIC	TOPIC	TOPIC	
		Metho d of Assess ment	Metho d of Assess ment	Method of Assessment	Method of Assessment	Method of Assess ment	Metho d of Assess ment	
		Marks Assigned for the component:	Marks Assigned for the component:	Marks Assigned for the component	Marks Assigned for the component	Marks Assigned for the component	Marks Assigned for the component	
		Cognitive Levels of Blooms Taxonomy	Cognitive Levels of Blooms Taxonomy	Cognitive Levels of Blooms Taxonomy	Cognitive Levels of Blooms Taxonomy	Cogni tive Level s of Bloom s Taxon omy	Cognitive Levels of Blooms Taxonomy	
		Marks obtained	Marks obtained	Marks obtained	Marks obtained	Marks obtained	Marks obtained	



# **END SEMESTER EXAM QUESTION PAPER FORMAT**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**BACHELOR OF SOCIAL WORK Hons**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 60 Marks**

**Date:**  
**Time: 2.5 hours**  
**Credits-4**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |                    |    |
|--------------------|----|
| Q.1 a)<br>OR<br>b) | 12 |
| Q.2 a)<br>OR<br>b) | 12 |
| Q.3a)<br>Or<br>b)  | 12 |
| Q4 a)<br>Or<br>b)  | 12 |

**SECTION B**

- |                                 |    |
|---------------------------------|----|
| Q.1 Write Short Notes (Any Two) | 12 |
| a)                              |    |
| b)                              |    |
| c)                              |    |
| d)                              |    |

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**BACHELOR OF SOCIAL WORK Hons**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 30 Marks**

**Date:**  
**Time: 1.5 hours**  
**Credits-2**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

Attempt all the questions (Internal Choice is given for each question)

12

Q.1a)

Or

b)

Q.2 a)

12

Or

b)

**SECTION B**

Q. 1) Write Short Notes (Any Two)

6

a)

b)

c)

d)

**-X-X-X-X-**



**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**BACHELOR OF SOCIAL WORK Old Course**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 60 Marks**

**Date:**  
**Time: 2.5 hours**  
**Credits-4**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |                    |    |
|--------------------|----|
| Q.1 a)<br>Or<br>b) | 12 |
| Q.2a)<br>Or<br>b)  | 12 |
| Q.3a)<br>Or<br>b)  | 12 |
| Q.4a)<br>Or<br>b)  | 12 |

**SECTION B**

- |  |    |
|--|----|
| Q.1) Write Short Notes (Any Two)<br>a)<br>b)<br>c)<br>d) | 12 |
|--|----|

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**BACHELOR OF SOCIAL WORK Old Course**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 30 Marks**

**Date:**  
**Time: 1.5 hours**  
**Credits-2**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. Attempt **ANY 2 OUT OF 4** questions of **SECTION B**
  3. Marks are indicated against each question
- 

**SECTION A**

Q.1 a) 12  
Or  
b)

Q.2 a) 12  
Or  
b)

**SECTION B**

Q.1) Write Short Notes (Any Two) 6  
a)  
b)  
c)  
d)

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MASTER OF SOCIAL WORK OLD COURSE**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 60 Marks**

**Date:**  
**Time: 2.5 hours**  
**Credits-4**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |                    |    |
|--------------------|----|
| Q.1 a)<br>Or<br>b) | 12 |
| Q.2a)<br>Or<br>b)  | 12 |
| Q.3a)<br>Or<br>b)  | 12 |
| Q.4a)<br>Or<br>b)  | 12 |

**SECTION B**

- |  |    |
|--|----|
| Q.1) Write Short Notes (Any Two)<br>a)<br>b)<br>c)<br>d) | 12 |
|--|----|

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MASTER OF SOCIAL WORK OLD COURSE**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 30 Marks**

**Date:**  
**Time: 1.5 hours**  
**Credits-2**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
3. **Marks are indicated against each question**

---

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 12 |
| Or     |    |
| b)     |    |
|        |    |
| Q.2 a) | 12 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |   |
|----------------------------------|---|
| Q.1) Write Short Notes (Any Two) | 6 |
| a)                               |   |
| b)                               |   |
| c)                               |   |
| d)                               |   |

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MASTER OF SOCIAL WORK NEP**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 50 Marks**

**Date:**  
**Time: 2.5 hours**  
**Credits-4**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 10 |
| Or     |    |
| b)     |    |
| Q.2 a) | 10 |
| Or     |    |
| b)     |    |
| Q.3a)  | 10 |
| Or     |    |
| b)     |    |
| Q.4 a) | 10 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |    |
|----------------------------------|----|
| Q.1) Write Short Notes (Any Two) | 10 |
| a)                               |    |
| b)                               |    |
| c)                               |    |
| d)                               |    |

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MASTER OF SOCIAL WORK NEP**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 25 Marks**

**Date:**  
**Time: 1.5 hours**  
**Credits-2**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 10 |
| Or     |    |
| b)     |    |
|        |    |
| Q.2 a) | 10 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |   |
|----------------------------------|---|
| Q.1) Write Short Notes (Any Two) | 5 |
| b)                               |   |
| c)                               |   |
| d)                               |   |

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MA (SOCIAL INNOVATION AND ENTREPRENEURSHIP) OLD COURSE**

**Program Code:**

**Semester –**

**Course:**

**Course Code**

**Marks – 60 Marks**

**Date:**

**Time: 2.5 hours**

**Credits-4**

**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 12 |
| Or     |    |
| b)     |    |
|        |    |
| Q.2a)  | 12 |
| Or     |    |
| b)     |    |
|        |    |
| Q.3a)  | 12 |
| Or     |    |
| b)     |    |
|        |    |
| Q.4a)  | 12 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |    |
|----------------------------------|----|
| Q.1) Write Short Notes (Any Two) | 12 |
| a)                               |    |
| b)                               |    |
| c)                               |    |
| d)                               |    |

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MA (SOCIAL INNOVATION AND ENTREPRENEURSHIP) OLD COURSE**

**Program Code:**  
**Semester –**  
**Course:**  
**Course Code**  
**Marks – 30 Marks**

**Date:**  
**Time: 1.5 hours**  
**Credits-2**  
**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
3. **Marks are indicated against each question**

---

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 12 |
| Or     |    |
| b)     |    |
|        |    |
| Q.2 a) | 12 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |   |
|----------------------------------|---|
| Q.1) Write Short Notes (Any Two) | 6 |
| a)                               |   |
| b)                               |   |
| c)                               |   |
| d)                               |   |

**-X-X-X-X-**



**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MA (SOCIAL INNOVATION AND ENTREPRENEURSHIP) NEP**

**Program Code:**

**Semester –**

**Course:**

**Course Code**

**Marks – 50 Marks**

**Date:**

**Time: 2.5 hours**

**Credits-4**

**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 10 |
| Or     |    |
| b)     |    |
| Q.2 a) | 10 |
| Or     |    |
| b)     |    |
| Q.3a)  | 10 |
| Or     |    |
| b)     |    |
| Q.4 a) | 10 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |    |
|----------------------------------|----|
| Q.1) Write Short Notes (Any Two) | 10 |
| a)                               |    |
| b)                               |    |
| c)                               |    |
| d)                               |    |

**-X-X-X-X-**

**COLLEGE OF SOCIAL WORK, (AUTONOMOUS), NRMALA NIKETAN**  
**SEMESTER END EXAMINATION**  
**MA (SOCIAL INNOVATION AND ENTREPRENEURSHIP) NEP**

**Program Code:**

**Semester –**

**Course:**

**Course Code**

**Marks – 25 Marks**

**Date:**

**Time: 1.5 hours**

**Credits-2**

**Question Paper Code**

---

Please Note:

1. Attempt all questions of **SECTION A** (Internal Choice is given for each question)
  2. **Attempt ANY 2 OUT OF 4 questions of SECTION B**
  3. **Marks are indicated against each question**
- 

**SECTION A**

- |        |    |
|--------|----|
| Q.1 a) | 10 |
| Or     |    |
| b)     |    |
|        |    |
| Q.2 a) | 10 |
| Or     |    |
| b)     |    |

**SECTION B**

- |                                  |   |
|----------------------------------|---|
| Q.1) Write Short Notes (Any Two) | 5 |
| b)                               |   |
| c)                               |   |
| d)                               |   |

MAPPING CURRICULUM OUTCOME  
Automated Process

### Correlation between the courses and the Program Outcomes (POs) & Program Specific Outcomes

The following Program Outcome (PO) and Program Specific Outcome (PSO) statements are considered to set up correlation with individual Courses Outcomes (CO).

Program Details: BSW Program/MSW / MASIE: Semester Details: Name of the

Course:

PO	Social Work Graduate Attributes
PO1	
PO2	
PO3	
PO4	
PO5	
PO6	
PO7	
PO8	
PO9	
PO10	
PSO	Program Specific Objectives
PO1	
PO2	

**Correlation between courses and the Program Outcomes (POs) and Program Specific outcomes is as in tables below for each subject**

**Name of the Course:**

**Course Outcomes:**

CO	Statement
CO1	
CO2	
CO3	
CO4	

### Correlation between COs and the Program Outcomes (POs) and Program Specific Outcomes PSOs

[illegible]

Name of Subject	Sub. Code	Course Outcomes (CO)	Grading Average on Scale of 3	% age of students scoring 3,2,1			Result of CO Achieved
				3	2	1	
		CO1					
		CO2					
		CO3					
		CO4					
		C06					

## Attainment of Program Outcomes and Program Specific Outcomes

[illegible]

## PO ATTAINMENT

PO has been attained on the basis of assigning the 80 % weightage to direct assessment and 20 % weightage to indirect assessment as

PO/ PSO	Method of assessment	Direct assessment		Indirect assessment			PO attainment %
	PO Description	PO Attainment	Weight age	Exit survey	Alumni Survey	Weight age	
			80%			20%	100 %
PO1							
PO2							
PO3							
PO4							
PO5							
PO6							
PO7							
PO8							
PO9							
PO10							
PSO1							
PSO2							

### Reference

International Online Journal of Education and Teaching (IOJET) 2020, 7(3), 744-758

### Online Resources

<https://www.eklavya.com/blog/blooms-taxonomy-outcome-based-education/>

<https://www.nbaind.org/files/obe-and-nba-accreditation.pdf>

<https://www.thoughtco.com/higher-order-thinking-skills-hots-education-3111297>

**REPORT ON THE LAB SESSIONS/TRAINING /  
WORKSHOPS CONDUCTED AS PART OF THE  
COURSE**



## **REPORT TEMPLATE**

Program Details: BSW/MSW/MASIE Semester

Details

Name of the Course

**Title**

**Details of the Course Teacher / Coordinator Date/**

**Time/ Venue**

**Online / Offline Platform Envisaged**

**Objectives**

**Details of the Collaborating Organization / Facilitators/ Resource Person Details of**

**the Participants [Attach Attendance Sheets]**

**Synoptic Overview on the Contents Outcome of the Session) Feedback of**

**the Participants**

Annexures

Attendance List

Visibility Materials Prepared Certificate Copy[

If applicable] Photographs

Budget Details / Statement of Expenses

**DETAILS PERTAINING TO FACULTY INVOLVEMENT  
RESEARCH/ PROJECT WORK / PARTICIPATION IN  
SEMINARS / WORKSHOP  
/ CONFERENCES / PUBLICATIONS / CONSULTANCY WORK**

1. **RESEARCH:** Synoptic Report on Research Project in the Required Format

2. **CONSULTANCY:** Synoptic Report on the Consultancies Undertaken

3. **PROJECT WORK:** Synoptic Report on Project work

**4. COORDINATORS REPORT: DEPARTMENT / COMMITTEE REPORTS**

- HOD
- IQAC
- FIELD WORK
- RESEARCH/ TERM PAPER COMMITTEE
- FDP
- STUDENT WELFARE
- STUDENT COMMITTEE
- JOB PLACEMENT
- EXAMINATION UNIT
- ADMISSION
- SCHOLARSHIP

**5. DETAILS ON SEMINARS ATTENDED**

National	Name of the seminar	Day/Date	Organized by	Place
International	Title	Day/Date	Organized by	Place

**6. DETAILS ON WORKSHOPS/ CONFERENCES ATTENDED**

National	Name of the conference workshop	Day/Date	Organized by	Place
International	Name of the conference/workshop	Day/Date	Organized by	Place

**7. DETAILS ON RESEARCH PAPERS PRESENTED IN CONFERENCES**

Day/Date	Details of the conference (name of the conference)	Organized by	Title of the research paper	Place
National				
International				

**8. DETAILS ON BOOKS PUBLISHED**

SN	Name of the Faculty	Name of the Book	Name of the Publisher	ISBN No	Year of Publication

**9. DETAILS ON RESEARCH PUBLICATIONS IN NATIONAL/****/INTERNATIONAL JOURNALS**

SN	Name of the Faculty	Name of the Research Paper	Year of Publication	Name of the Journal

**INTERNATIONAL JOURNALS**

SN	Name of the Faculty	Name of the Research Paper	Year of Publication	Name of the Journal

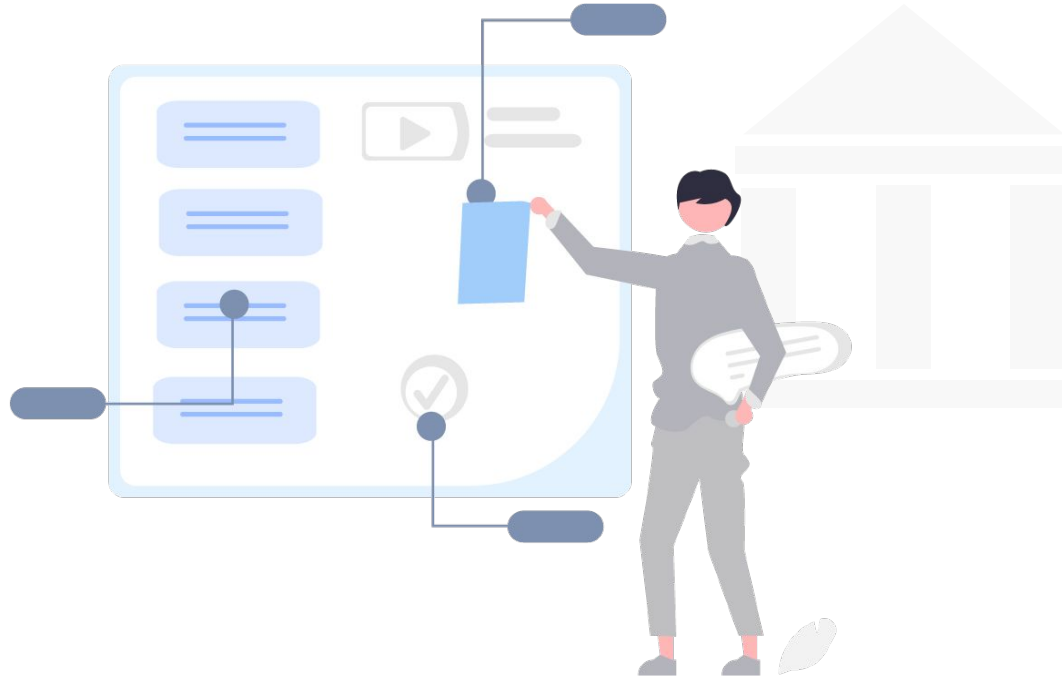
**10. DETAILS OF FACULTY DEVELOPMENT /ORIENTATION/REFRESHER PROGRAMME**

SN	Theme of the programme	Organized by	Day/Date/Time	Venue	Number of hours

# OUT COME BASED EDUCATION SOFTWARE MANUAL FOR COMPUTATION

2024-2025



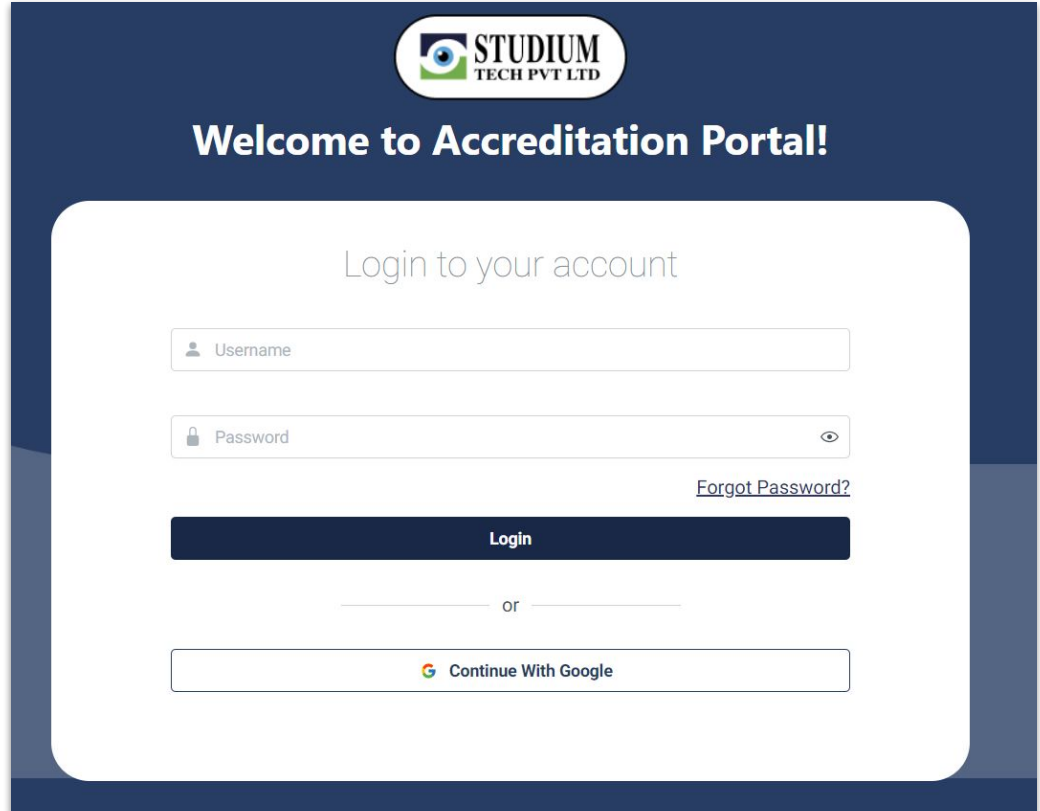


## **Criterion 3 (OBE) User Manual**

# Accreditation Portal Login

1. Login by the credentials provided by the team or you can use continue with google option.

<https://accreditation.studiumtech.in/login>



The screenshot shows the login interface of the Accreditation Portal. At the top, there is a logo for 'STUDIUM TECH PVT LTD' featuring a stylized eye icon. Below the logo, the text 'Welcome to Accreditation Portal!' is displayed in a bold, white font. The main content area is a white rounded rectangle on a dark blue background. It contains the text 'Login to your account' in a light gray font. Below this, there are two input fields: 'Username' with a user icon and 'Password' with a lock icon and a toggle eye icon. To the right of the password field is a link that says 'Forgot Password?'. Below the input fields is a dark blue 'Login' button. Underneath the button is a horizontal line with the word 'or' in the center. At the bottom is a white button with the Google logo and the text 'Continue With Google'.

**STUDIUM  
TECH PVT LTD**

## Welcome to Accreditation Portal!

Login to your account


Username

Password

[Forgot Password?](#)

Login

or

 Continue With Google

# Steps to start the accreditation process

1

## Setup

1. Define PO, PSO's
2. Course Articulation
3. Program Articulation
4. CO weightages, targets, and attainment levels
5. Exams in LMS
6. Feedback forms/surveys in LMS
7. PO weightages and targets

2

## Attainment Tools

1. CO Direct attainment
2. CO Indirect Attainment
3. PO DirectAttainment
4. PO Indirect Attainment

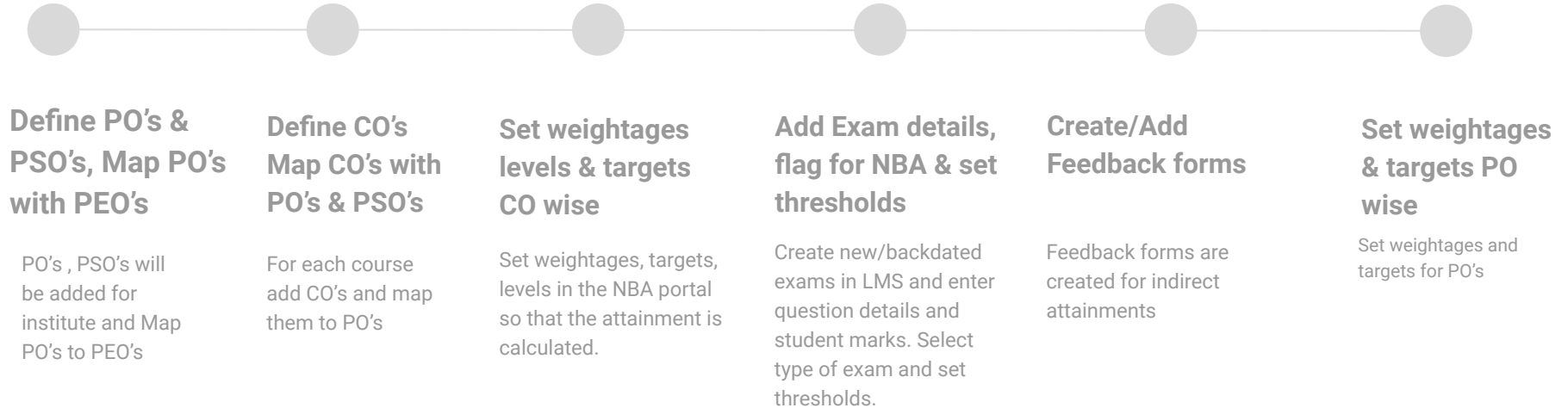
3

## Final Attainment

1. CO Final attainment
2. PO Final Attainment



## Road Map for Setup for Attainment



## Define PO's , PSO's & map with PEO's

In Define Program Outcome Section click on arrow and a new screen will open. Then click on add PO button. A pop up will be open. Add the PO number and PO statement. Click on submit. Follow same for entering PSO


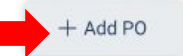
### 1. Enter Program Outcomes, Program Specific Outcomes

Criteria 3 > Sub Criteria 3.1 > PO & PSOs

#### Define POs & PSOs

**Define Program Outcomes (POs)** >  
Total Entered : 11


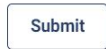
**Define Program Specific Outcomes (PSOs)** >  
Total Entered : 3

PO 10	such as, being able to comp receive clear instructions.
PO 11	Project management and fi these to one's own work, as
 	

#### Add Program Outcome

Enter PO Number

Enter PO Name

#### Define Program Outcomes

PO 1	Apply the knowledge of mathematics, science, engineering fundamentals, of complex engineering problems.
PO 2	Identify, formulate, review research literature, and analyze complex conclusions using first principles of mathematics, natural sciences, and eng
PO 3	Design solutions for complex engineering problems and design system cc needs with appropriate consideration for the public health and safety, considerations.
PO 4	Use research-based knowledge and research methods including design of and synthesis of the information to provide valid conclusions.

## Define PO's , PSO's & map with PEO's

### 2. Map PO's with PEO's

1. Click on one PO and click on Map PEO button

#### Define Program Outcomes

PO1

Student should be able to recall, understand and apply knowledge of management theories and practices to solve business problems.

Map PEO

PEO1

1

This is the explanation

+ ADD NEW PEO

SAVE CHANGES

Cancel

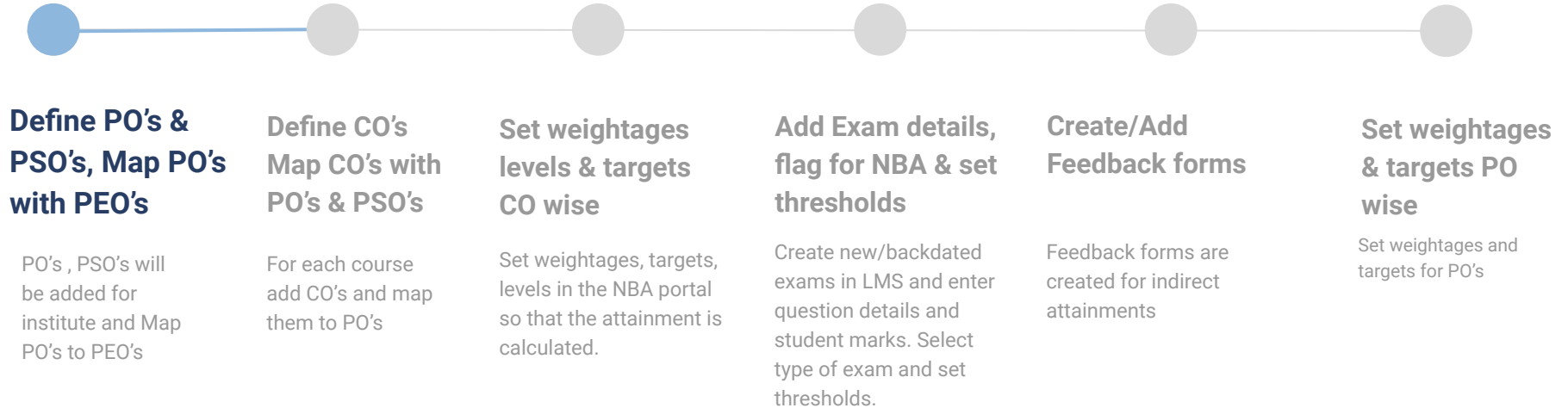
2. For that particular PO select one PEO and add level and explanation. To map one more PEO Click on Add new PEO Button. Click on save changes button

#### Program Educational Objective Matrix - Prog

PEO	PO1	PO2	PO3	PO4
PEO1	1	-	-	-
PEO2	2	-	-	-
-	1.5	-	-	-

3. The mapping matrix will be shown at the bottom after adding it for all PO's

### Road Map for Setup for Attainment



## Define CO's & map with PO's

### 1. Define CO's

- Click on Course Articulation and then Choose academic year and semester and click on show courses button. All the courses will be displayed.
- Go inside one Course

The screenshot shows the 'Course Articulation (Define & Map COs)' interface. On the left sidebar, 'Course Articulation' is highlighted. The main area has dropdowns for 'Academic Year' (IMDR management 2022 - 23) and 'Semester' (Sem III 2021-23), followed by a 'Show Courses' button. Below this is a section titled 'CHOOSE COURSES TO BE ADDED IN SAR EXHIBIT' with three course cards: 'E-COM' (E-Commerce), 'APSF' (Analytical Problem Solving Framework), and 'E - COM' (E - Business / E Commerce).

- Click on Add Course Outcome button. You will see two options
  - Add manually
  - Through excel

The screenshot shows the 'Add and Map Course Outcomes' interface. It features two buttons: '+ Add Course Outcome' and '+ Add Mapping via Excel'. The '+ Add Course Outcome' button has a dropdown menu with two options: 'Add Manually' and 'Add Course Outcome via Excel'. Below the buttons, there is a text input field containing the text 'd to wages, Minimum wages, fair wages, Principle of equity, Principle of compensation &'. A red arrow points to the '+ Add Course Outcome' button.

## Define CO's & map with PO's

### 1. Define CO's


**Add New Course Outcome**

CO Code

**E - COM**

Course Outcome (CO)

This is first course Outcome

 **Save** Cancel

When clicked manually this popup will open up. Enter the statement and click on save

**Import Course Outcome** ×

Attach Template

[Download Sample](#)


**Upload** Cancel

*NOTE: Please use MS Excel created file only.*

When uploading CO's through excel this popup will open up. Upload excel and click on Upload button.

- After adding CO's they would be seen in this format

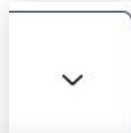
C01	Understand data profiling and data models	▼
C02	Define and understand data warehouse, schemas and data transformation	▼



## Define CO's & map with PO's

### 1. Map CO's to PO's

- Click on the arrow of the particular CO



CO1 Understand data profiling and data models

Map Program Outcomes (POs)

Program Outcome	Level	CL	KC	CS	LS	Explanation
PO1 Student should be able to recall, understand and apply knowledge of management theories and practices to solve business problems.	3					
PO2 Student should be able to recall, understand and apply knowledge						

Choose type of table

PO - CO Table

- Click on map button. A popup will open in which All PO's will list down. You have to map levels and Add cognitive levels, Knowledge categories, class sessions, lab session and explanation of mapping

- Choose the type of table you want to view.
- The CO-PO mapping matrix will be shown at the bottom



Course Articulation Matrix - Program Outcomes

PO Number	CO1	CO2	CO3	CO4	CO5	CO6	Average
PO1	3	2	2	1	2	2	2
PO2	2	2	3	3	3	2	2.5
PO3	1	1	3	2	3	3	2.16

## View Courses and select for SAR exhibits

- Click on choose SAR exhibit
- Pop up opens and from that select courses you want to choose for SAR exhibit and then save it.

The screenshot shows the 'Criteria 3' interface. On the left is a dark blue sidebar with a menu containing 'Criteria 3', 'POs & PS', 'Course Articulation', and 'Program Articulation'. A red arrow points from 'Course Articulation' to the main content area. The main area has a header with 'Choose Academic Year' (set to 'Academic year 2022-23'), 'Choose Semester' (set to 'Semester 3'), and a 'Show Courses' button. A search bar on the right says 'Search by course'. Below the header is a large dark blue button labeled 'CHOOSE SAR EXHIBIT', with a red arrow pointing to it. Underneath are three course cards: '10ES32 Analog Electronic circuits' (6/6 COs mapped), '10ES33 Logic Design' (5/6 COs mapped), and '10ES34 Network Analysis' (5/6 COs mapped). Each card has a right-pointing arrow.

The screenshot shows a modal dialog box titled 'Choose Course to be exhibited in SAR report'. It contains a list of courses with radio buttons for selection. The selected course is '10ES34 Network Analysis'. A red arrow points from the 'Save as SAR Exhibit' button at the bottom right to the dialog box.

Course ID	Course Name
<input type="radio"/> 10ES32	Analog Electronic circuits
<input type="radio"/> 10ES33	Logic Design
<input checked="" type="radio"/> 10ES34	Network Analysis
<input type="radio"/> 10IT35	Electronic Instrumentation
<input type="radio"/> 10EC36	Field Theory
<input type="radio"/> 10EC37	Analog Electronics Laboratory
<input type="radio"/> 10ECL38	Logic Design Laboratory



## Program Articulation matrix

- In left navigation in setup select program articulation. Matrix will be shown with average. You can select type of matrix(CO-PO, CO-PSO)

Institute of Management  
Development and Research  
(IMDR Pune)

Criteria 1

Criteria 2

Criteria 4

OBE

Dashboard

Setup

Define PO's & PSO's

Course Articulation

Program Articulation

CO Weightages Levels and  
targets

PO Weightages and  
targets

Attainment Tools

CO Direct Attainment

CO Indirect Attainment

PO Direct Attainment

PO Indirect Attainment

Academic Year

Semester

IMDR management 20: ▾

Sem III 2021-23 ▾

CO-PO Matrix ▾

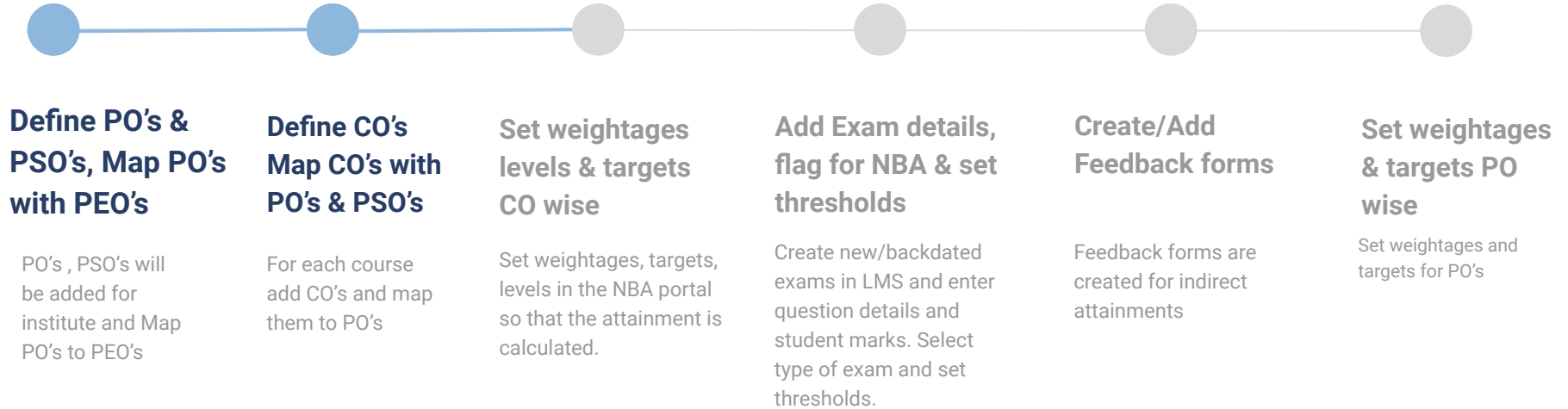
Show

☐ Consider this academic year's data for SAR Exhibit

**Program-Program Outcome Articulation Matrix & Explanation**

PROGRAM ARTICULATION MATRIX									Total Courses : 43
Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
OD	Organisation Design	-	-	-	-	-	-	-	-
SM	Strategic Management	1.12		2	2.12	3	2		2.87
SMM	Service Marketing Management	-	-	-	-	-	-	-	-
MOQ	Management of Quality	1.83	1.66	2	1.83	2.16	1		1.16
E&BP	Entrepreneurship & Business Planning	-	-	-	-	-	-	-	-
SAPM	Security Analysis and Portfolio Management	3	2.54	2.18	2.18	2.36			
FIMS	Financial Institutions Markets and Services	-	-	-	-	-	-	-	-
FIS	Fixed Income Securities	-	-	-	-	-	-	-	-
NVF	New Venture Finance	-	-	-	-	-	-	-	-
ST	Systems Thinking	2.2	1	3	-	-	-		1

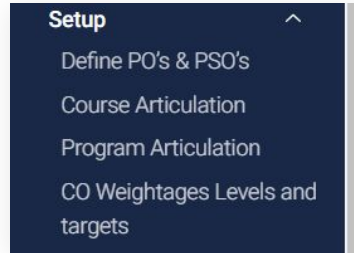
### Road Map for Setup for Attainment



# Set Weightages, levels and Targets for CO's

## 1. Set weightages

1. Select CO weightages, targets, and levels section in left navigation
2. Then click on weightages tab
3. Add weightages for direct and indirect attainment
4. Then add weightages for type of assessment that is internals and Externals in direct attainment and click on save button in right corner.



The 'Weightages' tab is active, showing options for 'Targets' and 'Attainment Levels'. The main section is titled 'Set Overall Weightages (In Percentage)'. It contains two panels: 'Type of Attainment' and 'Type of Assessment'. The 'Type of Attainment' panel has input fields for 'Direct Attainment' (80%) and 'Indirect Attainment' (20%). The 'Type of Assessment' panel has input fields for 'CIE (Internal)' (40%) and 'SEE (External)' (60%). An 'Update' button is in the top right corner. Blue circles with numbers 2, 3, and 4 are overlaid on the interface to indicate steps.

Type of Attainment	
Direct Attainment	Indirect Attainment
80 %	20 %

Type of Assessment	
CIE (Internal)	SEE (External)
40 %	60 %

# Set Weightages, levels and Targets for CO's

## 1. Set weightages

When exams are filled in the system you can give weightages to exams CO wise. Select a particular course and then give weightage to the exam . Internals and externals will be treated separate.

**Set Overall Weightages (In Percentage)**

Academic Year

Semester

Course Year

Course


Show

IMDR management 20: ▾

Sem III 2021-23 ▾

2022 - 23 ▾

Analytical Problem Sol' ▾



C01

CIE

SEE

100 %

Test Exam APSF  
2023-06-05

No Exams.

i.

C02

# Set Weightages, levels and Targets for CO's

## 2. Set targets

1. Click on Targets tab and select particular course.
2. You can set targets manually by entering the values in respective column
3. For fetching targets automatically from Course articulation matrix click on the toggle and targets will be fetched which will not be editable.
4. Click on save button at the button

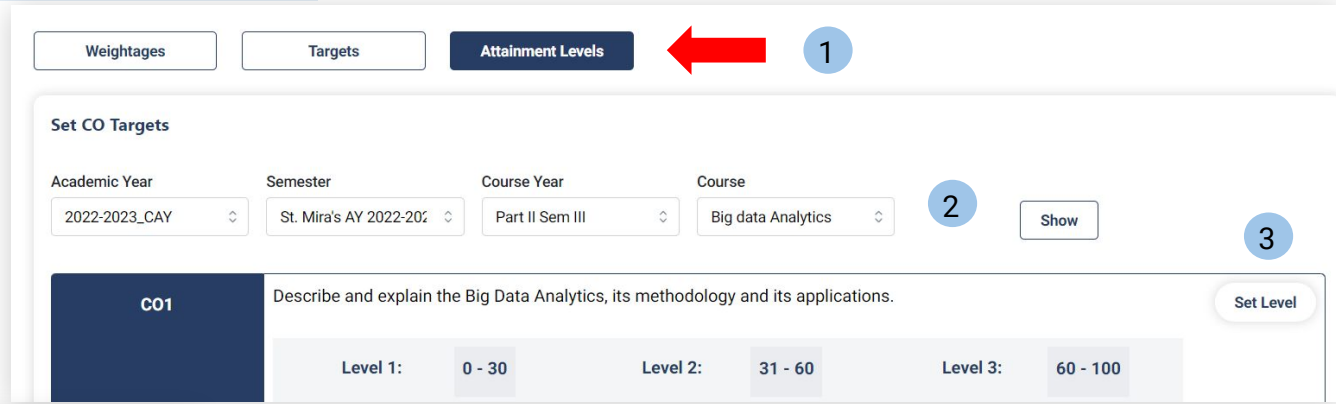
The screenshot displays the 'Set CO Targets' interface. At the top, there are three tabs: 'Weightages', 'Targets' (selected), and 'Attainment Levels'. A red arrow labeled '1' points to the 'Targets' tab. Below the tabs, there are four dropdown menus for 'Academic Year' (IMDR management 20:), 'Semester' (Sem III 2021-23), 'Course Year' (2022 - 23), and 'Course' (Analytical Problem Sol). A 'Show' button is to the right. Below these, there is a toggle switch labeled 'Automatically Fetch Targets from Course Articulation Matrix'. A red arrow labeled '3' points to this toggle. Below the toggle is a table with three rows of CO targets. The first row is for CO1, with the description 'Understand data profiling and data models'. The second row is for CO2, with the description 'Define and understand data warehouse, schemas and data transformation'. The third row is for CO3, with the description 'Apply business intelligence concepts and tools to business data'. To the right of the table, there is a column for 'Attainment Lev' (Attainment Level). A red arrow labeled '2' points to the first cell in this column, which contains the value '1.42'. The other cells in the column contain '1.28' and '1.71'.

CO	Description	Attainment Lev
CO1	Understand data profiling and data models	1.42
CO2	Define and understand data warehouse, schemas and data transformation	1.28
CO3	Apply business intelligence concepts and tools to business data	1.71

# Set Weightages, levels and Targets for CO's

## 3. Set Attainment levels

1. Select Attainment levels tab
2. Select a particular course and click on show. All CO's for that will be displayed.
3. Click on set level.



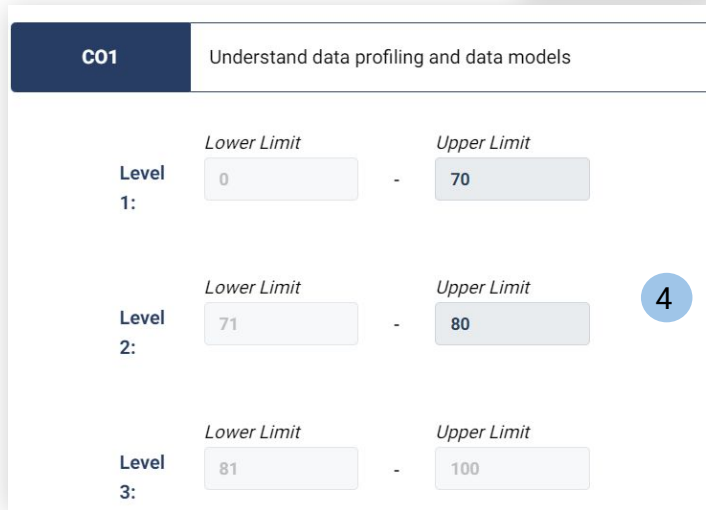
Weightages Targets **Attainment Levels** 1

**Set CO Targets**

Academic Year: 2022-2023\_CAY Semester: St. Mira's AY 2022-2023 Course Year: Part II Sem III Course: Big data Analytics 2 Show 3

**CO1** Describe and explain the Big Data Analytics, its methodology and its applications. Set Level

Level 1:	0 - 30	Level 2:	31 - 60	Level 3:	60 - 100
----------	--------	----------	---------	----------	----------



**CO1** Understand data profiling and data models

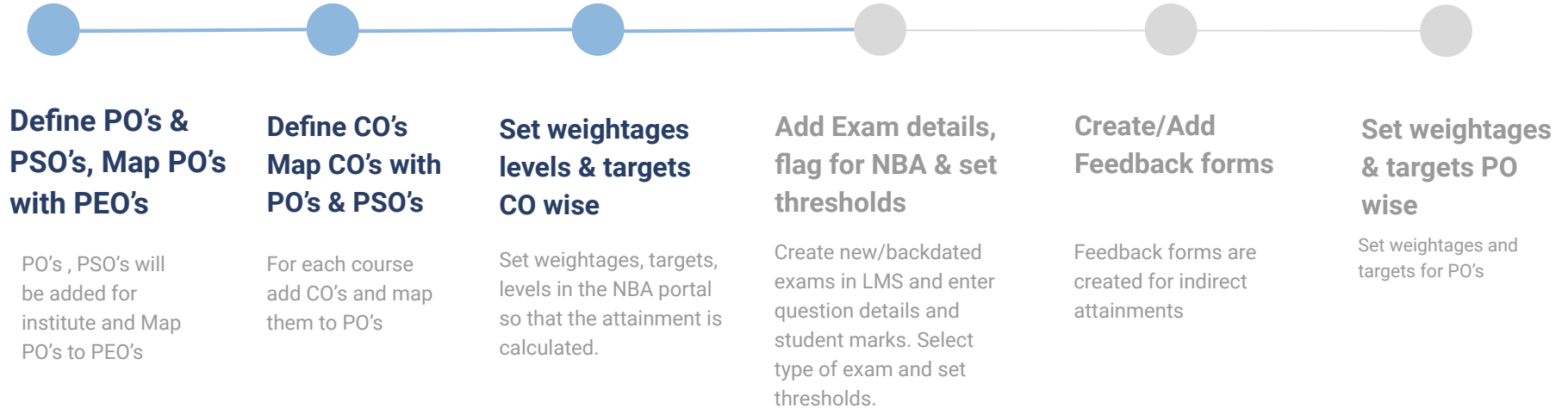
Level 1: Lower Limit: 0 Upper Limit: 70

Level 2: Lower Limit: 71 Upper Limit: 80 4

Level 3: Lower Limit: 81 Upper Limit: 100

4. Enter levels for that particular CO.(These can vary from faculty to faculty). Then click on save.

### Road Map for Setup for Attainment



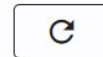
## Create Exams In Data management Portal(for admins)

### Admin login

1. Click on <https://www.admin.studiumtech.in/activityWelcome>
2. Login by the credentials provided by the team or you can use continue with google option.
3. Select Semester
4. Go to manage exams for admins from left navigation then click on Create new exam button


### Manage Exams 4

Sem IV 2021-23 ▼




Filter by subject ▼



+ CREATE NEW EXAM



## 2 Welcome Back!!!

Login to your account


 Enter Username

 Password 

[Forgot Password?](#)

LOGIN

or

 SIGN IN WITH GOOGLE



# Create Exams In Data management Portal(for faculty)

## Faculty login

1. Click on <https://www.faculty.studiumtech.in/activityWelcome>
2. Login by the credentials provided by the team or you can use continue with google option.
3. Select Semester
4. Go to my exams from left navigation then select department, Course year, Division and then click on Create new exam button

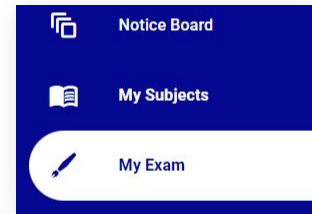
### Change Semester

☐ Sem IV 2021-23

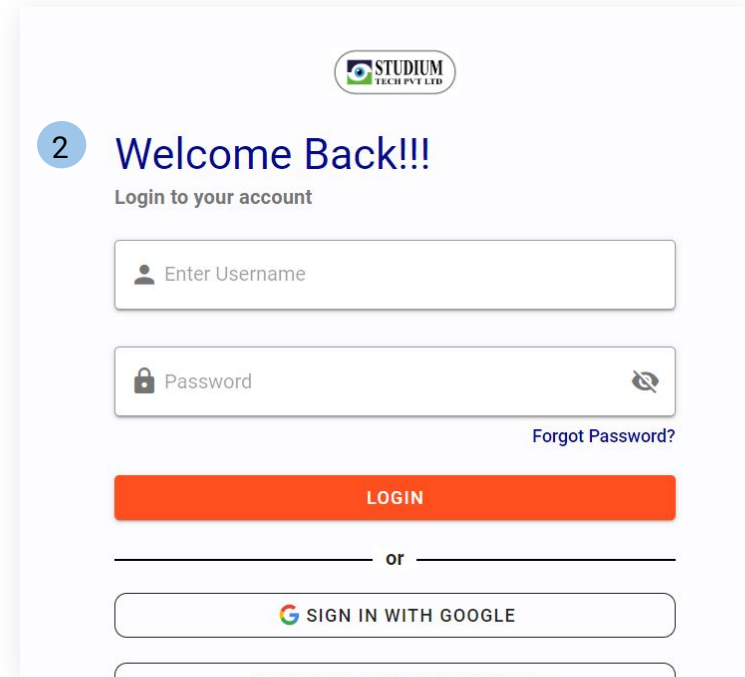
☒ Sem I 2021-23

☐ Sem III 2021-23

4



+ CREATE NEW EXAM



# Create Exams In Data management Portal

3

Exam Name \*

Exam Type \*

Exam Description(Optional)

Start Date \*

End Date \*

Management

2022 - 23

**Subjects Applicable**

☐ Select All

☒ Organisation Design

☐ Strategic Management

☐ Service Marketing M

3. Enter Basic details of the exams including type (Internals,external). Also select subjects applicable.

5

**NEXT →**

[Save As Draft](#)

5. If you have questions, answers for the exams taken then click on next otherwise save exam as draft

4

**NBA Criteria Attainment**

☒ Consider this exam and all of its data for NBA a

Select Threshold Type

☐ Set Threshold For Each Subject

☒ Set Overall Threshold For All Subjects

40%

4. Click the checkbox if you want to consider exam for attainment. And then select how you are going to apply threshold and then enter the value

6

**Draft**

Search

Title	Type of Exam	Start date	End date	Department/Course year	Subjects
Test Exam OD	CIE(Internal)	2023-06-05	2023-06-06	Management   2022 - 23	Organisation Design
Test Exam SMM	CIE(Internal)	2023-06-01	2023-06-02	Management   2022 - 23	Service Marketing Management
Test Exam EBP	CIE(Internal)	2023-06-05	2023-06-06	Management   2022 - 23	Entrepreneurship & Business Planning
Test Exam FIMS	CIE(Internal)	2023-06-05	2023-06-06	Management   2022 - 23	Financial Institutions Markets and Services
Test Exam FIS	CIE(Internal)	2023-06-05	2023-06-06	Management   2022 - 23	Fixed Income Securities
Test Exam				Management	New Venture Finance

6. All draft, published and finished exams can be seen on the main manage exams page.

## Add Exam Details In Data management Portal

4

### My Exam

#### Test Exam MOQ →

2023-06-01 to 2023-06-02  
Management | 2022 - 23  
CIE(Internal)

Published

► NBA

#### Test Exam HR analytics →

2023-06-05 to 2023-06-06  
Management | 2022 - 23  
CIE(Internal)

Draft

► NBA

4. All created exams will be seen here. To fill the details of exams click on particular exam card

6

Total Marks :

Passing Marks :

Total Applicable Students :

Date :

Start Time :

SAVE

+ ADD NEW ROOM

SAVE CHANGES

Save As Draft

6. Fill the details and click on save button in top right corner. After filling for all subjects click on save changes button at the bottom.

### ← Test Exam HR analytics

Department  
Management

5

Course Year  
2022 - 23

► NBA

Basic Information

2 Subjects Details

3 Assessment Details

4 Overall Analytics

Allocated rooms, students & faculties to subjects in this exam

HR Analytics

SAVE CHANGES

5. To enter, subject details, assessment details for exam.

### ← Test Exam HR analytics

Department  
Management

Course Year  
2022 - 23

7

Basic Information

Subjects Details

3 Assessment Details

HR Analytics

7. Select assessment details tab and go on your subject card to fill questions and student marks for that exams

## Add Exam Details In Data management Portal

8 ☒ **Questions will be uploaded for this exam**  
(If Ques are uploaded, mapping COs will be compulsory)



☐ **Questions will not be uploaded for this exam**  
(If Ques are not uploaded, COs are considered equally)

Set Overall Threshold (IN PERCENTAGE)

0

**Upload Questions Via Excel**

**Upload Questions Manually**

8. If exams have questions click on first option. You can add questions manually and via excel. Map CO's and Blooms in both the cases. Set threshold as selected on basic details tab.

If second option of not uploading questions is selected(In case of university exams) then select applicable CO's and Blooms

9. Click on save button after adding questions

Cancel

Save

9

## Add Exam Details In Data management Portal

10

☒ **Upload Overall Student Marks**  
Upload only aggregate score (divided equally for each ques)

☐ **Upload Question wise Student Marks**  
Upload each students' marks for each ques.

**Upload Marks Via Excel**

Upload Marks Manually

RN	Student Name	PRN	Total	Total Obtained Marks
	ADITYA ACHAL UTTARWAR	3	1	40
	ANKITA VINOD RODE	119	1	73

11

Name: ADITYA ACHAL UTTARWAR    RN:    PRN :

Overall Marks  
40

Cancel Save

10. If Questions are uploaded then students marks should be entered **question wise** through excel or manually. But if not then upload **overall student marks** through excel or manually.

11. If entering marks manually for each student click on edit icon and a pop up opens. Fill the marks and click on save button

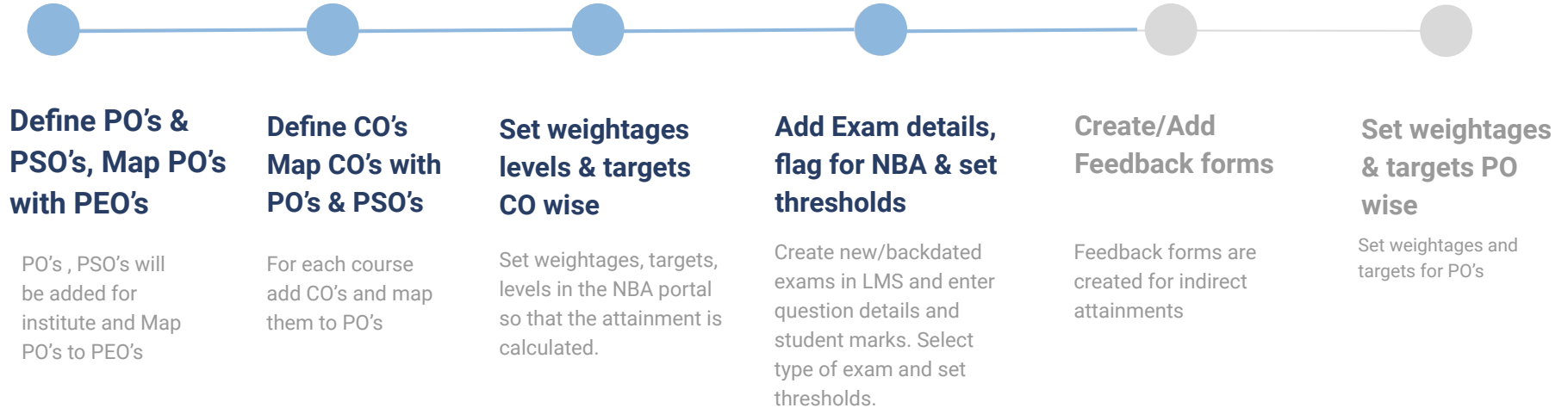
12. Click on Publish exam button after filling all the details or save as draft button until all the details are filled

12

PUBLISH

Save As Draft

## Road Map for Setup for Attainment



## Create Feedbacks In Data management Portal (Only for admins)

1. Login to the admin portal by the credentials provided by the team or you can use continue with google option.

2. Go to feedback form from left navigation and click on create new feedback button.

**1**

**Welcome Back!!!**

Login to your account

Enter Username

Password

[Forgot Password?](#)

**LOGIN**

or

**SIGN IN WITH GOOGLE**

### Feedback Form

**2**

Drafts

**+ Create New Feedback**

Form Name

Start Date

End Date

Form Type

Action

## Create Feedbacks In Data management Portal (Only for admins)

3

The screenshot shows the 'Basic Information' tab of a form creation interface. At the top, there are two tabs: '1 Basic Information' (active) and '2 Questions'. Below the tabs, the 'Basic Details' section contains several fields: 'Form Type' with a dropdown menu, a text field for a link (displaying a URL), and four dropdown menus for 'Select Semester', 'Select Department', 'Select Course Year', and 'Select Division'. At the bottom, there are two more fields: 'Select Course/Subject' and 'Select Value added activity'.

3. Fill the basic information of the form. Multiple types of forms can be created may it be backdated, or upcoming. Created forms can be sent to stakeholders directly through the system or in link format.

4

### Accreditation Criteria Attainment



**Consider this exam and all of it's data for NBA**

NBA Forms only allow MCQ questions with 3 options. Set the

4. Check the box if you want to consider the form for NBA indirect attainment

5. Map CO/PO/PSO as per form type and then upload questions manually or via excel

The screenshot shows the 'Questions' tab of the form creation interface. At the top, there are two tabs: '1 Basic Information' and '2 Questions' (active). Below the tabs, the 'CO Mapping' section has two checkboxes: 'Overall' and 'Individual'. Below this is a section titled 'Upload questions' with a button labeled 'Google Forms Data Excel'.

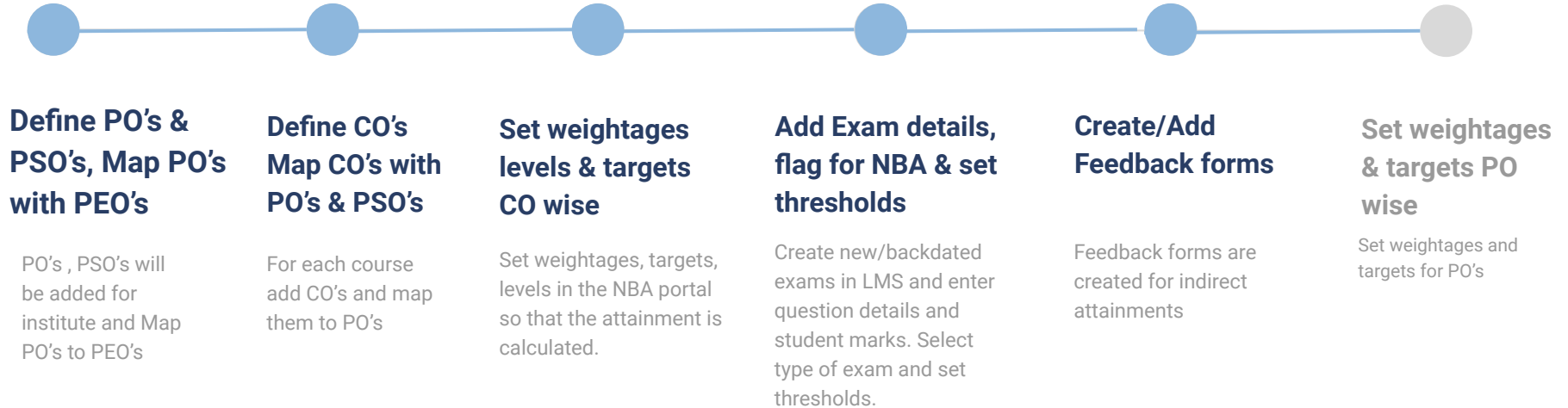
6. Click on Publish button after filling all the details. The form will be available to faculties in published or draft section

The screenshot shows the bottom navigation bar with three buttons: 'Previous' (with a left arrow), 'Publish' (with a right arrow), and 'Save As Draft' (in red text).

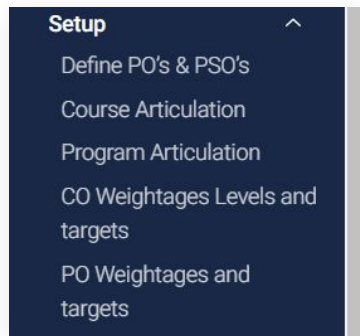
6



### Road Map for Setup for Attainment



# Set Weightages and Targets for PO's



1. Select PO weightages and Targets from left navigation section

## Weightages and Targets

### 1. Weightages

2

Set Overall Weightages (In Percentage)

Type of PO Attainment

Direct Attainment

0

%

Indirect Attainment

0

%

2. Select PO weightages and Targets from left navigation section

### 2. Targets

Set Target Values PO/PSO Wise

Academic Year

IMDR management 20: ▾

Semester

Sem III 2021-23 ▾

Select PO & PSO

PO ▾

Show

☐ Automatically Fetch Targets from Program Articulation Matrix

PO1

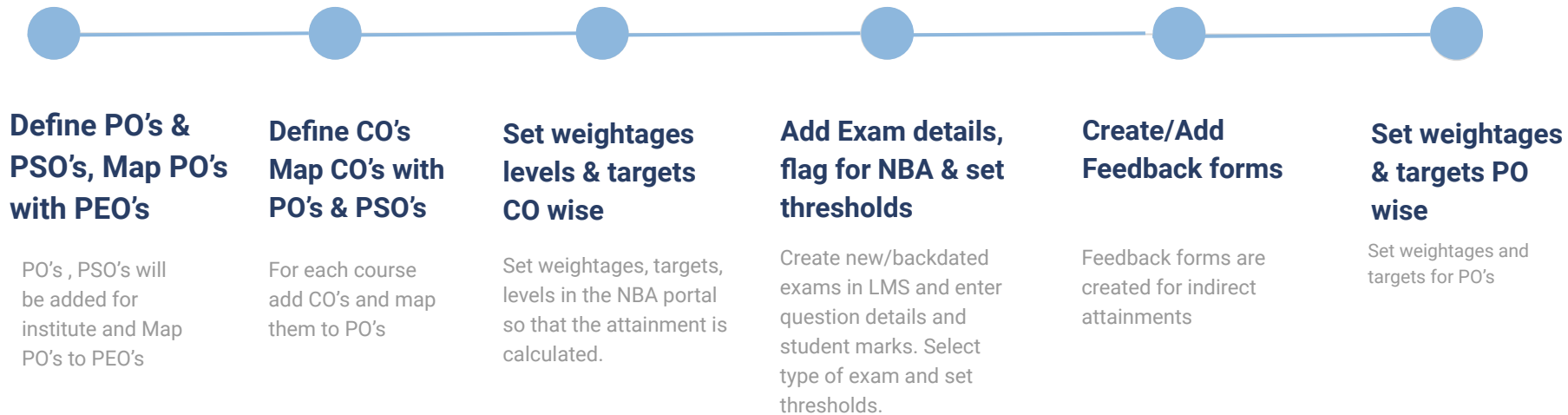
Student should be able to recall, understand and apply knowledge of management theories and practices to solve business problems.

Attainment Level (0-3)

1.6

3. Select academic year and semester then put targets manually or by switching the toggle targets can be fetched automatically from program articulation matrix.

## Road Map for Setup for Attainment



## Steps to start the accreditation process



### Setup

1. Define PO, PSO's
2. Course Articulation
3. Program Articulation
4. CO weightages, targets, and attainment levels
5. Exams in LMS
6. Feedback forms/surveys in LMS
7. PO weightages and targets



### Attainment Tools

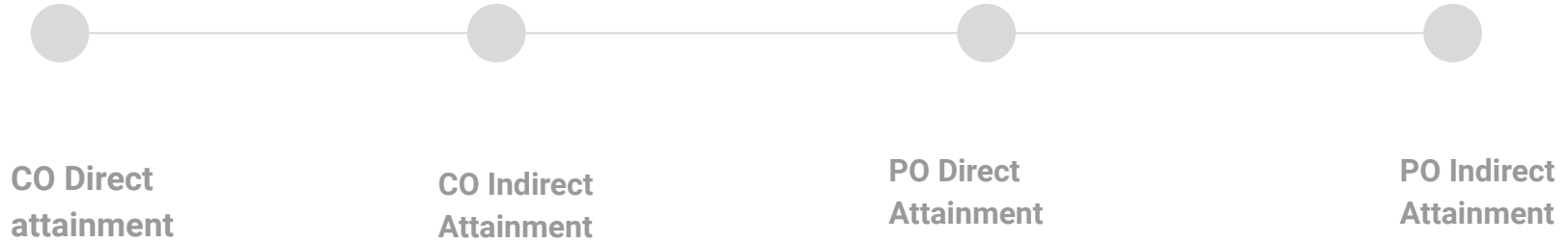
1. CO Direct attainment
2. CO Indirect Attainment
3. PO DirectAttainment
4. PO Indirect Attainment



### Final Attainment

1. CO Final attainment
2. PO Final Attainment

## Road Map for Attainment Tools



# CO Direct Attainment

1

## Direct Attainment

Academic Year

IMDR management 20: ▾

Semester

Sem III 2021-23 ▾

Course Year

2022 - 23 ▾

Course

Analytical Problem Sol ▾

Test Exam APSF →

2023-06-05 - 2023-06-06

100Marks

Total Students :10

Active: ☒

✓ CO Mapping >

Student Marks >

Average CO Attainment

1.75

CO1, CO2, CO3, CO4,  
CO5, CO6,



1. Select CO Direct attainment from Attainment tools in left navigation and then select a particular course. All exams created in data management portal will be seen here .To view one exam analysis click on any exam card.

2

## Direct Attainment Table

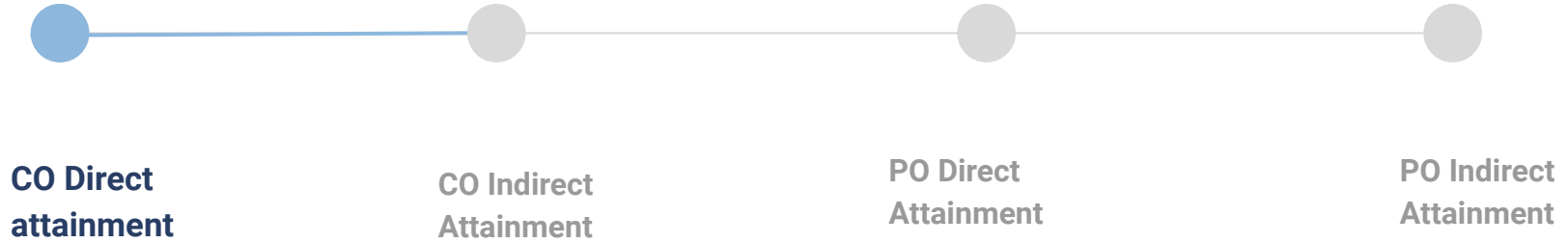
CO's	CO1	CO2	CO3	CO4	CO5	CO6
Attainment Level	1.5	1	2	2	2	2

## Gap Analysis Matrix

CO's	Target CO attainment	Obtained CO Attainment	Gap
CO1	1.42	1.5	0.08
CO2	1.28	1	-0.28
CO3	1.71	2	0.29
CO4	1.42	2	0.58
CO5	1.71	2	0.29
CO6	1.85	2	0.149

Detailed analysis for that exam with Gap analysis matrix will be seen. You can select/add explanation for gaps.

## Road Map for Attainment Tools



## CO Indirect Attainment

Academic Year

Management CAY

Semester

Management

Course Year

2023-2024

Course

Accounting and Finan

1

Show

### FEEDBACK (Course Exit Survey)

IMP

Published Date : 2023-04-06

Total Students : 69

Total Questions : 3

CO mapped : CO1,CO2,CO3,CO5,

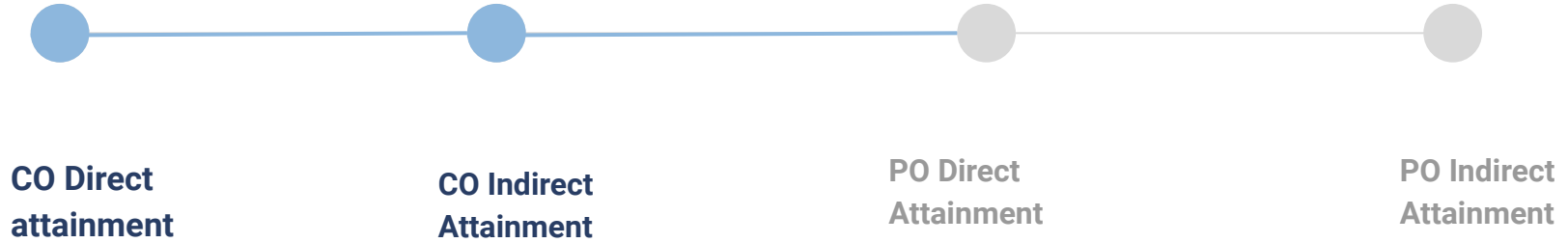
[View Analysis](#)

CO's	Students Answer Level 1	Students Answer Level 2	Students Answer Level 3	Total Students	Average Attainment
CO1	73	66	68	69	5.92
CO2	73	66	68	69	5.92
CO3	73	66	68	69	5.92
CO5	73	66	68	69	5.92

1. Select CO Indirect attainment from Attainment tools in left navigation and then select a particular course. All feedback forms created in data management portal will be seen here .In detail analysis of will be seen here.
2. To consider the feedback form for attainment calculations click the toggle



## Road Map for Attainment Tools



## PO Direct Attainment

Course Code : ECB

Employee Compensation & Benefits

PO's mapped : P01, P02, P03, P04, P05, P06, P07,

PO Wise

Show

### Weighted Average Matrix

PO's	P01	P02	P03	P04	P05	P06	P07	
Weighted average	3	1.83	1.66	2.33	2	1.16	1.5	-

Average CO Attainment

0.83

### PO Direct Attainment

PO's	P01	P02	P03	P04	P05	P06	P07	
Attainment Level	0.83	0.5	0.45	0.64	0.55	0.32	0.41	-

Select your course and select PO wise in the dropdown and click on show button.

Weighted average matrix will be seen and Average attainment value calculated will be visible.

PO Attainment will be visible to criteria admin

## Road Map for Attainment Tools



# PO Indirect Attainment

1

Form Type: All (dropdown menu open showing: All, Alumni survey, Miscellaneous, Exit Survey)

Attainment Type\*: PO Wise

ents : 3 PO mapped : P01,P

1. Select PO indirect attainment from left navigation. According to the academic year you select, and the form type you select all forms will be visible with detailed information and responses.

2. Detailed analysis of the feedback form is visible with the average attainment. If you want to consider this feedback for attainment click the toggle.

2

Recruiters form (Miscellaneous)

Status: Active Upcoming

Published Date : 2023-05-09 Total Students : 4 Total Questions : 2 PO mapped : P01,P02,P03,P04,P05,P06,P07, View Analysis

PO's	Students Answer Level 1	Students Answer Level 2	Students Answer Level 3	Total Students	Attainment
P01	4	3	1	4	3.25
P02	4	3	1	4	3.25
P03	4	3	1	4	3.25
P04	4	3	1	4	3.25
P05	4	3	1	4	3.25
P06	4	3	1	4	3.25
P07	4	3	1	4	3.25

Average PO Attainment 3.25

## Road Map for Attainment Tools



## Steps to start the accreditation process



### Setup

1. Define PO, PSO's
2. Course Articulation
3. Program Articulation
4. CO weightages, targets, and attainment levels
5. Exams in LMS
6. Feedback forms/surveys in LMS
7. PO weightages and targets



### Attainment Tools

1. CO Direct attainment
2. CO Indirect Attainment
3. PO DirectAttainment
4. PO Indirect Attainment



### Final Attainment

1. CO Final attainment
2. PO Final Attainment

## Road Map for Final Attainment



CO Final Attainment

PO Final Attainment

# CO Final Attainment

1

1. Select Co final attainment from Final attainment in the left navigation. Select a course and view overall attainment.

Choose Attainment	Overall Attainment		
CO's	Direct Attainment	InDirect Attainment	Overall Attainment
C01	0.84	2.97	3.81
C02	0.81	2.97	3.78
C03	0.92	1.97	2.89
C04	0.91	2.4	3.31
C05	0.96	2.97	3.93
Average CO Attainment			3.54

Overall Gap Analysis				
CO's	Target CO attainment	Obtained CO Attainment	Gap	Explanation
C01	2.5	3.81	1.31	No sufficient lectures were
C02	2	3.78	1.77	Topic was difficult
C03	2	2.89	0.89	all lectures were not taken

2

2. Gap analysis matrix will be visible. You have to add/select reasons for the gap.

i.



## Road Map for Final Attainment



CO Final Attainment

PO Final Attainment

## PO Final Attainment

Sum	81.8	75.13	83.53	73.43	
PO Direct Attainment	2.04	1.6	2.24	1.85	
PO Indirect Attainment	1.8	1.95	2.8	2.7	
PO Attainment	1.92	1.75	2.6	2.12	

1. Select academic year and PO wise attainment.
2. All courses, their PO wise sum, PO Direct, PO Indirect , and PO Attainment is visible.

## Road Map for Final Attainment



**CO Final Attainment**

**PO Final Attainment**

## Steps to start the accreditation process



### Setup

1. Define PO, PSO's
2. Course Articulation
3. Program Articulation
4. CO weightages, targets, and attainment levels
5. Exams in LMS
6. Feedback forms/surveys in LMS
7. PO weightages and targets



### Attainment Tools

1. CO Direct attainment
2. CO Indirect Attainment
3. PO DirectAttainment
4. PO Indirect Attainment



### Final Attainment

1. CO Final attainment
2. PO Final Attainment

# Reports

## Introduction

**B** *I* U  $\mathcal{X}$  H<sub>1</sub> H<sub>2</sub> H<sub>3</sub> H<sub>4</sub>  $\equiv$   $\equiv$   $\leftrightarrow$   $\boxtimes$   $\triangleright$   $\text{”}$   $\text{</>}$   $\equiv$   $\equiv$   $\equiv$   $S^2$   $S_2$

Type your introduction here...

## History

**B** *I* U  $\mathcal{X}$  H<sub>1</sub> H<sub>2</sub> H<sub>3</sub> H<sub>4</sub>  $\equiv$   $\equiv$   $\leftrightarrow$   $\boxtimes$   $\triangleright$   $\text{”}$   $\text{</>}$   $\equiv$   $\equiv$   $\equiv$   $S^2$   $S_2$

Type your history here...

Add introduction and history in respective sections.

Describe the assessment tools and processes used to gather the data upon which the evaluation of Course Outcome is based

### Type Of Attachments

☐ Process/Document ☐ Proof/Evidence ☐ Annexure ☐ Minutes of Meeting

Add process documents for CO, PO