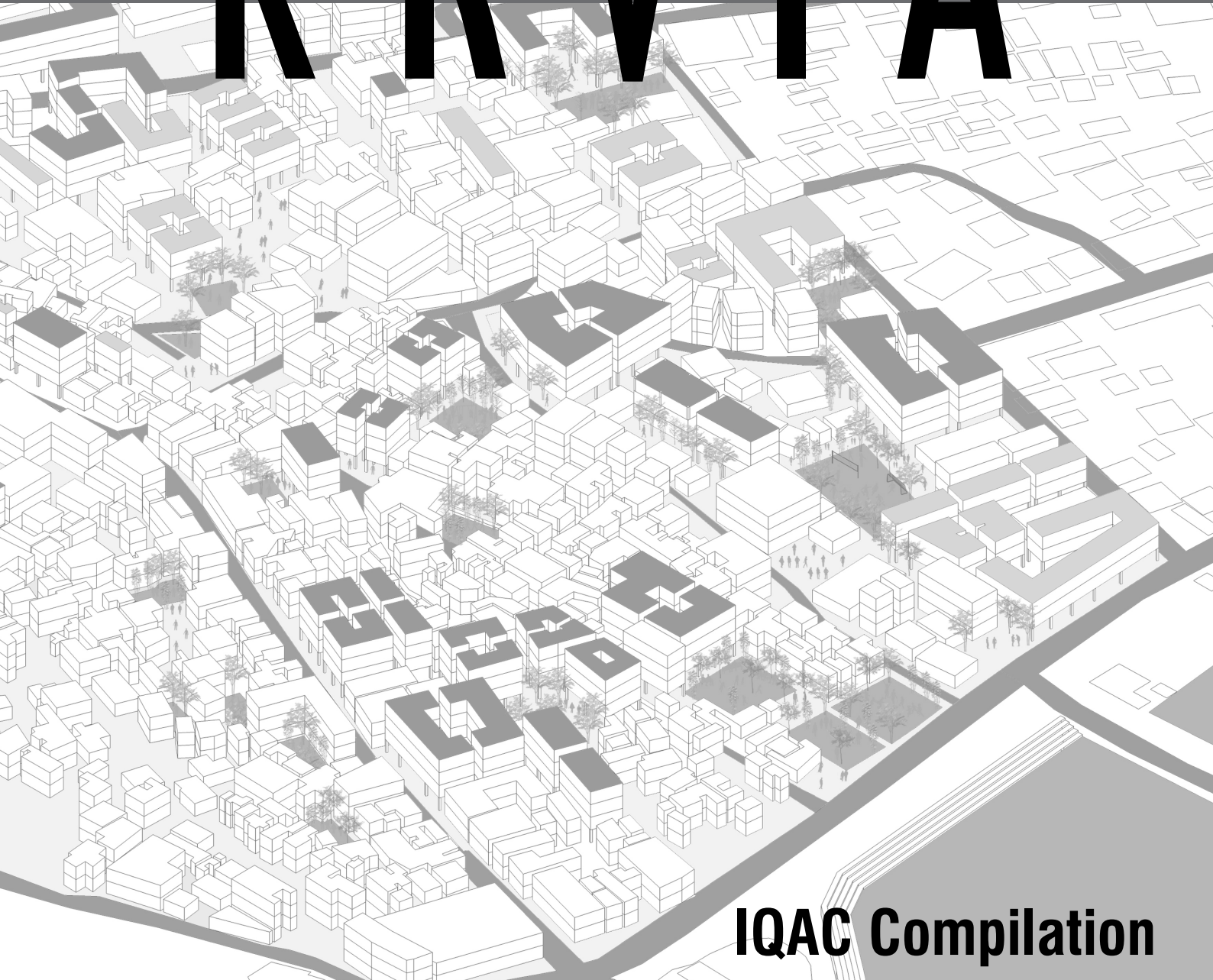


USM's  
Kamla Raheja Vidyanihi Institute for Architecture & Environmental Studies

# KRVIA



**IQAC Compilation**

**M. Arch (Post Graduate Course)**

**URBAN DESIGN**

**2020-21**



**KRVIA**



Approved by  
Council of Architecture

Affiliated to  
University of Mumbai

USM's  
Kamla Raheja Vidyanidhi Institute for  
Architecture & Environmental Studies

Contact:

Sanaeya Vandrewala  
Course co-ordinator, Masters Program

Vidyanidhi Bhawan II,  
Vidyanidhi Marg,  
J.V.P.D.Scheme,  
Mumbai - 400 049  
Maharashtra, India

NAAC Co-ordinator  
Kimaya Keluskar  
Assistant Professor, KRVA

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COPO Mapping, CO-PO sStructure

COPO ASSESSMENT

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SEM III

COPO Mapping, CO-PO sStructure

COPO ASSESSMENT

SEM IV

COPO Mapping, CO-PO sStructure

COPO ASSESSMENT

|            |   |  |  |  | <b>Overall Attainment</b> |
|------------|---|--|--|--|---------------------------|
| POs        |   |  |  |  |                           |
|            |   |  |  |  |                           |
| <b>PO1</b> | To acquire the ability to critically understand the context           |  |  |  | <b>2.48</b>               |
| <b>PO2</b> | To be able to recommend real and speculative urban propositions       |  |  |  | <b>2.48</b>               |
| <b>PO3</b> | To be able to validate urban interventions with theoretical positions |  |  |  | <b>2.48</b>               |
| <b>PO4</b> | To be able to achieve technical competency for the respective streams |  |  |  | <b>2.48</b>               |
| <b>PO5</b> | To undertake research for production of new knowledge                 |  |  |  | <b>2.39</b>               |

# Dean's Report

M. Arch (Urban Design) 2020-2021  
KRVIA

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## Analysis of Program Objectives

The Program Objective was a result of the ongoing research work on resilience as urban propositions. The larger urban intent of resilience and urbanism resulted in the formation of resilience Studio and orientation of other theoretical subject to ascertain the vertical arc. The understanding and representation of context with knowledge production along with the attainment of required skill sets the tone of the timetable. The PO1, PO2, PO3, PO4 & PO5 achieved the required scale of understanding, representing & conceptualizing.

There can be a few reasons for this.

1. The PO1, PO2, PO3, PO4 & PO5 achieved scales due to faculties exposure to the subject and working on professional development program with BREUCOM project and experience of resilience learning from previous year.
2. The faculty engaged in the research work & publication also attained the similar trajectories in understanding the pedagogic arc and created better articulative method.
3. The transition from community-based pedagogy to resilience-based pedagogy was natural transition and helped in re-orienting the thesis work.
4. The new consolidations of theme and articulation of the vertical arcs of learning was very clear in relation to the research work and references, hence the PO1, PO2, PO3, PO4 & PO5 achieved the required scales.
5. The exposure of students to peculiarity research work (PO5) was substantially suitable in the third year of theme, to carry out the research in the subject of resilience urbanism.

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## Corrective Measures

1. The understanding method of context (PO1) learning required to be case specific with diverse socially and culturally driven resilience practice in learning and coming year. We require to choose the cultural resilience context study on specific element & peculiar aspects of urban form that would lead to next three-year theme on infrastructural urbanism.
2. Even though the students come from diverse backgrounds with minimal exposure to contemporary methods and literature reviews dealing with urbanism, the three year them instilled the systematic approach (PO1, PO2, PO3, PO4 & PO5) in exposing students to various urban approaches and readings.
3. Efforts need to be made in the beginning for the next three-year theme. Assignments need to be designed in ways that challenge the students to read and write and represent with specific skill sets.
4. We have to identify the study trip programs further (PO3) in the studios expose the students to various infrastructure & resilience programs and projects within the region.
5. The resolution of the thesis project (PO4, PO5) chosen by the students also can be strengthened by tightening the relationship between the research, skills, case study and the Advanced Technology/ methods.

2020-21

# Semester I

## PO ATTAINMENT SUMMARY (2020-21)

| PO Name    | PO Statement  | Attainment Value | PO Corrective Measures                              |
|------------|---|------------------|---|
| <b>PO1</b> | To acquire the ability to critically understand the context           | <b>2.39</b>      | Focus on the mapping and documentation              |
| <b>PO2</b> | To be able to recommend real and speculative urban propositions       | <b>2.39</b>      | Introduce more examples and case studies            |
| <b>PO3</b> | To be able to validate urban interventions with theoretical positions | <b>2.39</b>      | Introduce more research papers                      |
| <b>PO4</b> | To be able to achieve technical competency for the respective streams | <b>2.38</b>      | Give more assignments to help in the competency     |
| <b>PO5</b> | To undertake research for production of new knowledge                 | <b>2.38</b>      | More input by faculty to introduce various examples |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 1  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + Theory (Exam)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Urban Design History   |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC101  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>   | <b>3</b>   | <b>1</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>   | <b>3</b>   | <b>2</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO3</b>                         | <b>3</b>   | <b>3</b>   | <b>3</b>    | <b>2</b>                   | <b>2</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | The student shall be equipped with a better understanding of how historic cities function.   |            |             | <b>2.45</b>                |                               |            |            |             |
| <b>CO2</b>                         | Understand how cities have been planned and be able to comprehend the multi-layering and diversity in thought process required to be able to plan an urban area.                               |            |             | <b>2.60</b>                |                               |            |            |             |
| <b>CO3</b>                         | The students shall be able to assess, analyse and critique well-planned or ill-planned historical examples of ancient or modern cities or ideas explored by master planners and utopian ideas. |            |             | <b>2.55</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.53</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.54</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.53</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.55</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.53</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                                       |
|-------------------------|---------------------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD                  |
| ACADEMIC YEAR           | 2020-2021                             |
| SEMESTER                | SEM 1                                 |
| EXAMINATION SCHEME      | Sessionals (Internal) + Theory (Exam) |
| COURSE NAME (AS PER MU) | Urban Design History                  |
| COURSE CODE (AS PER MU) | MUDC101                               |
| FACULTY                 | Sanaeya Vandrewala                    |
| FACULTY INCHARGE        | Sanaeya Vandrewala                    |
| TOTAL MARKS             | 100                                   |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | The student shall be equipped with a better understanding of how historic cities function.   | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Understand how cities have been planned and be able to comprehend the multi-layering and diversity in thought process required to be able to plan an urban area.                               | L3 - Apply (Use information in new situations) |
| CO3     | The students shall be able to assess, analyse and critique well-planned or ill-planned historical examples of ancient or modern cities or ideas explored by master planners and utopian ideas. | L4 - Analyse (Draw connections among ideas)    |

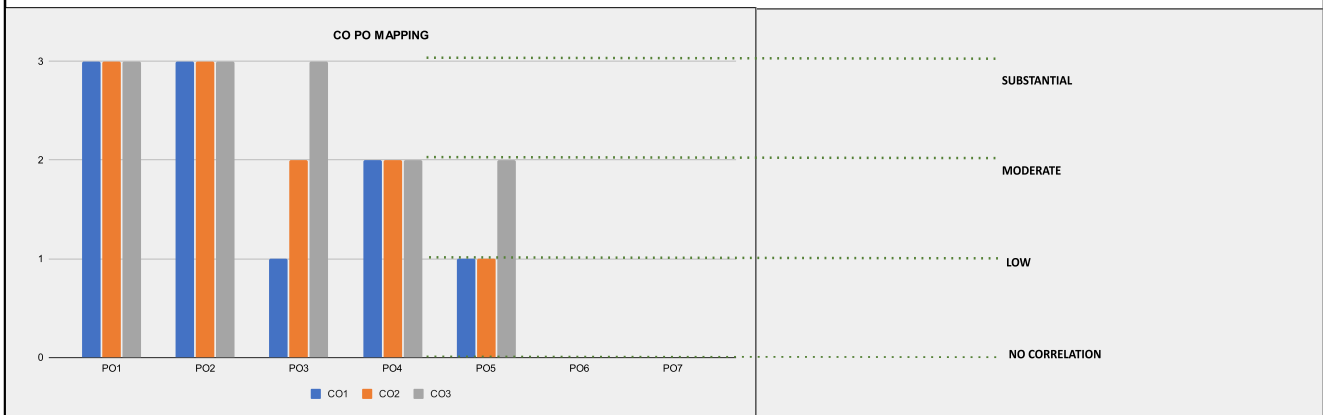
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 3    | 1    | 2    | 1    |     |     |      | 2.00       |
| CO2        | 3    | 3    | 2    | 2    | 1    |     |     |      | 2.20       |
| CO3        | 3    | 3    | 3    | 2    | 2    |     |     |      | 2.60       |
| PO AVERAGE | 3.00 | 3.00 | 2.00 | 2.00 | 1.33 |     |     | 0.00 |            |

**Conclusion and Resolution** The course intends to develop the understanding of historic cities to equip the students to validate theoretical positions.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

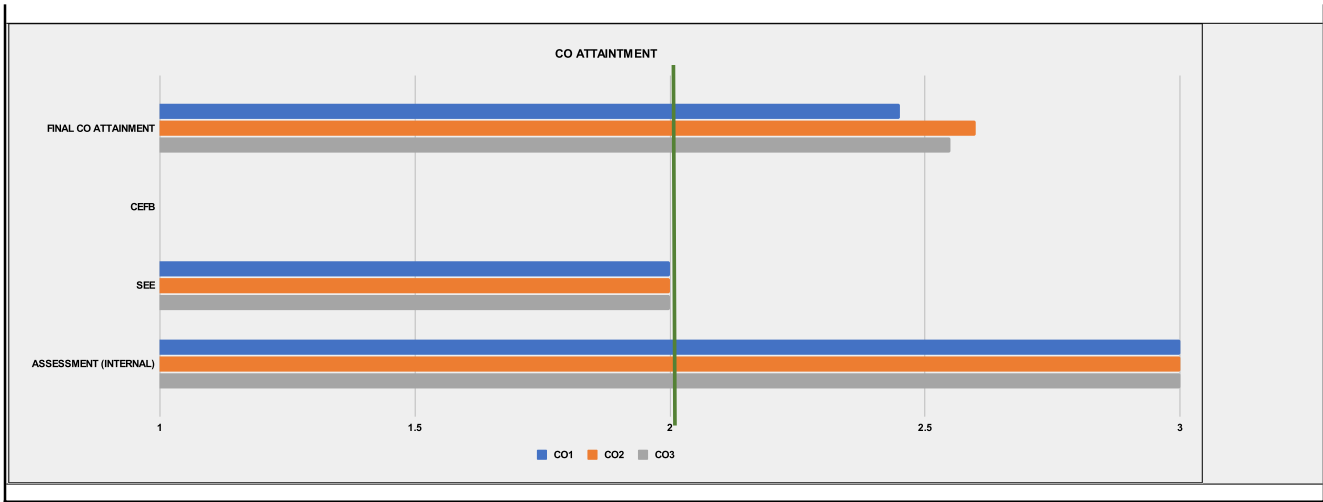
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                         |
|----------------|-----------------------------|---------|---------|---------|--------------------------------------|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET: 30 |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET: 32 |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 45  | 60  | 55  |     |     | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 55  | 40  | 45  |     |     |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 | ALWAYS ENSURE THE TOTAL IS 100 %        |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | 2   | -    | 2.45                | 2         | Yes               |                        |
| CO2   | 3                     | 2   | -    | 2.60                | 2         | Yes               |                        |
| CO3   | 3                     | 2   | -    | 2.55                | 2         | Yes               |                        |



|                                    |   |            |            |                            |                               |            |            |            |
|------------------------------------|---|------------|------------|----------------------------|-------------------------------|------------|------------|------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD  |            |            |                            |                               |            |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |            |                            |                               |            |            |            |
| <b>SEMESTER</b>                    | SEM 1   |            |            |                            |                               |            |            |            |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + Theory (Exam)   |            |            |                            |                               |            |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Planning Techniques and Procedure - I   |            |            |                            |                               |            |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC103   |            |            |                            |                               |            |            |            |
| <b>COPO Mapping</b>                |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b> | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 3   | 0          | 3          | 0                          | 1                             |            |            |            |
| CO2                                | 3   | 3          | 2          | 2                          | 1                             |            |            |            |
| CO3                                | 2   | 3          | 3          | 3                          | 2                             |            |            |            |
| <b>CO Attainments</b>              |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |            | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |            |
| CO1                                | Instilling the ability of the students to critically understand the process of creating planning as a technical profession. |            |            | 2.55                       |                               |            |            |            |
| CO2                                | Making students aware the possibilities as well as limitations of different planning approaches through case studies.       |            |            | 2.60                       |                               |            |            |            |
| CO3                                | Ability of students to use an appropriate planning technique/approach based on a particular vision or goal.                 |            |            | 2.40                       |                               |            |            |            |
| <b>Course-level PO Attainments</b> |   |            |            |                            |                               |            |            |            |
| <b>PO1 Attainment</b>              | 2.53  |            |            | <b>PO5 Attainment</b>      | 2.49                          |            |            |            |
| <b>PO2 Attainment</b>              | 2.50  |            |            | <b>PO6 Attainment</b>      | 0.00                          |            |            |            |
| <b>PO3 Attainment</b>              | 2.51  |            |            | <b>PO7 Attainment</b>      | 0.00                          |            |            |            |
| <b>PO4 Attainment</b>              | 2.48  |            |            | <b>PO8 Attainment</b>      | 0.00                          |            |            |            |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                                       |
|-------------------------|---------------------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD                  |
| ACADEMIC YEAR           | 2020-2021                             |
| SEMESTER                | SEM 1                                 |
| EXAMINATION SCHEME      | Sessionals (Internal) + Theory (Exam) |
| COURSE NAME (AS PER MU) | Planning Techniques and Procedure - I |
| COURSE CODE (AS PER MU) | MUDC103                               |
| FACULTY                 | Binti Singh , Aditya Sawant           |
| FACULTY INCHARGE        | Aditya Sawant                         |
| TOTAL MARKS             | 100                                   |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|---|---|
| CO1     | Instilling the ability of the students to critically understand the process of creating planning as a technical profession. | L2 - Understand (Explain ideas or concepts) |
| CO2     | Making students aware the possibilities as well as limitations of different planning approaches through case studies.       | L4 - Analyse (Draw connections among ideas) |
| CO3     | Ability of students to use an appropriate planning technique/approach based on a particular vision or goal.                 | L5 - Evaluate (Justify a stand or decision) |

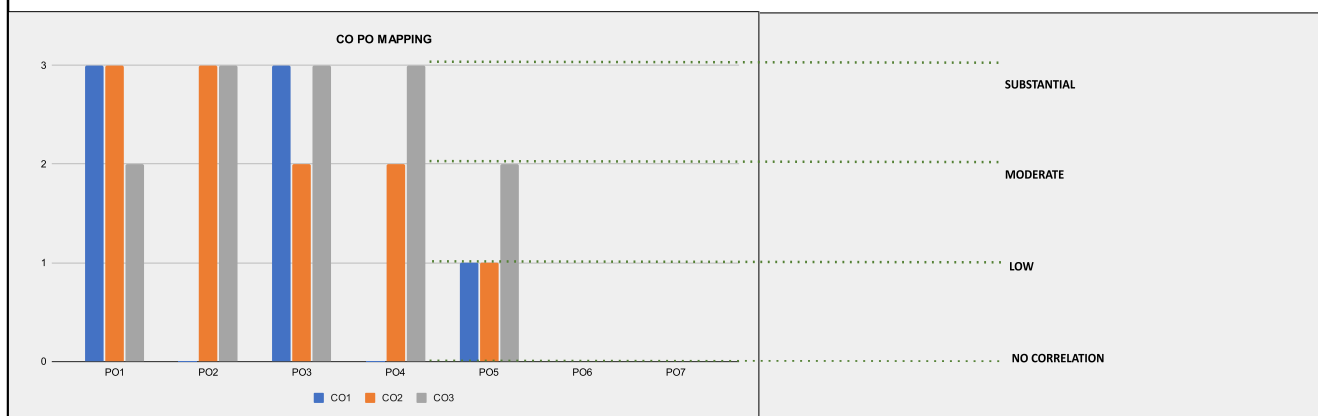
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 0    | 3    | 0    | 1    |     |     |      | 2.33       |
| CO2        | 3    | 3    | 2    | 2    | 1    |     |     |      | 2.20       |
| CO3        | 2    | 3    | 3    | 3    | 2    |     |     |      | 2.60       |
| PO AVERAGE | 2.67 | 3.00 | 2.67 | 2.50 | 1.33 |     |     | 0.00 |            |

**Conclusion and Resolution** The course tries to provide a critical understanding of the various approaches to planning today as well as historically

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

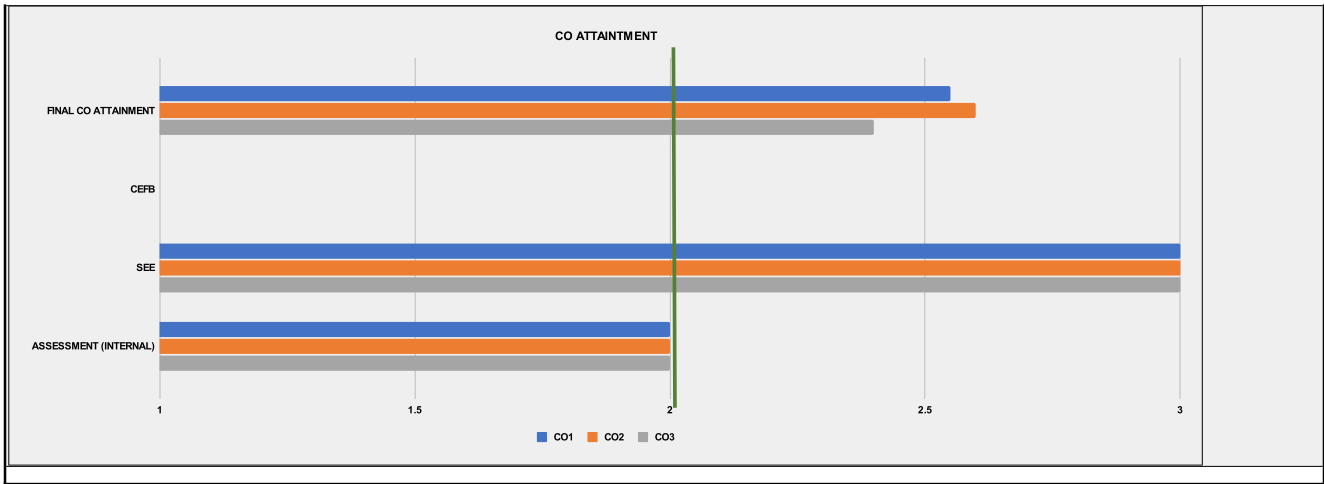
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                        |
|----------------|-----------------------------|---------|---------|---------|-------------------------------------|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET 30 |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET 35 |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMTN TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 45  | 40  | 60  | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 55  | 60  | 40  | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 | ALWAYS ENSURE THE TOTAL IS 100 %        |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 2                     | 3   | -    | 2.55                |           | Yes               |                        |
| CO2   | 2                     | 3   | -    | 2.60                |           | Yes               |                        |
| CO3   | 2                     | 3   | -    | 2.40                |           | Yes               |                        |



|                                    |   |            |             |                            |                               |            |            |             |
|------------------------------------|---|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD  |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 1   |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Theory and Methods of Urban Design  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC102   |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>  | <b>3</b>   | <b>0</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>  | <b>3</b>   | <b>3</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO3</b>                         | <b>3</b>  | <b>2</b>   | <b>3</b>    | <b>2</b>                   | <b>3</b>                      |            |            |             |
| <b>CO Attainments</b>              |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Develop an understanding of reading and representing cities through various urban theories  |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Familiarize the students with the influential urban theories and explore critically the imperatives that have caused a situation, their interrelationships, and spheres of influence in the making of the city. |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO3</b>                         | Critically assess and analyze important urban design theories, build and present basic arguments, and apply fundamental conceptual frameworks for urban design arguments.                                       |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |   |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>3.00</b> |
| <b>PO2 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                                    |
|-------------------------|------------------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD               |
| ACADEMIC YEAR           | 2020-2021                          |
| SEMESTER                | SEM 1                              |
| EXAMINATION SCHEME      | Only Sessionals (Internal)         |
| COURSE NAME (AS PER MU) | Theory and Methods of Urban Design |
| COURSE CODE (AS PER MU) | MUDC102                            |
| FACULTY                 | Manoj Parmar and Ketaki Tare       |
| FACULTY INCHARGE        | Ketaki Tare                        |
| TOTAL MARKS             | 100                                |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|---|--|
| CO1     | Develop an understanding of reading and representing cities through various urban theories  | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Familiarize the students with the influential urban theories and explore critically the imperatives that have caused a situation, their interrelationships, and spheres of influence in the making of the city. | L3 - Apply (Use information in new situations) |
| CO3     | Critically assess and analyze important urban design theories, build and present basic arguments, and apply fundamental conceptual frameworks for urban design arguments.                                       | L5 - Evaluate (Justify a stand or decision)    |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

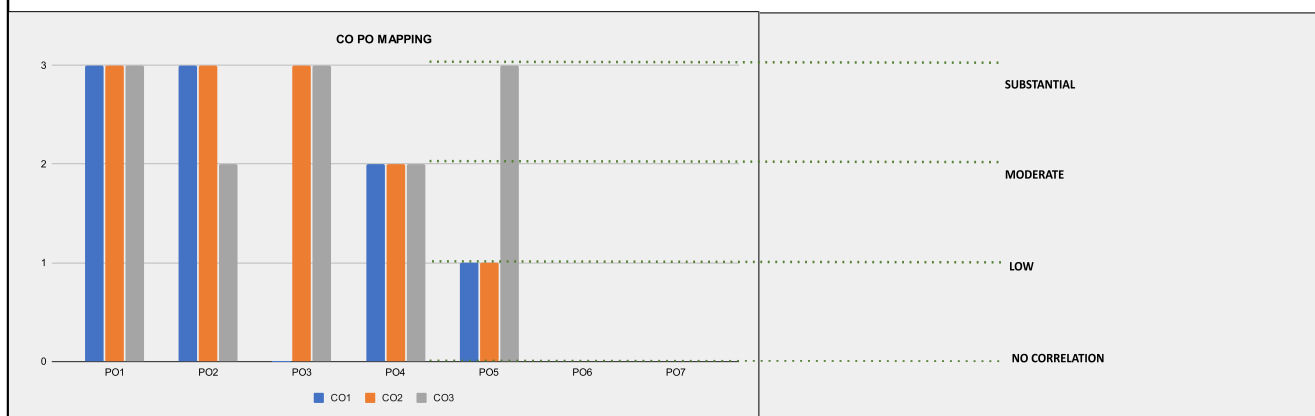
| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 3    | 0    | 2    | 1    |     |     |      | 2.25       |
| CO2        | 3    | 3    | 3    | 2    | 1    |     |     |      | 2.40       |
| CO3        | 3    | 2    | 3    | 2    | 3    |     |     |      | 2.60       |
| PO AVERAGE | 3.00 | 2.67 | 3.00 | 2.00 | 1.67 |     |     | 0.00 |            |

**Conclusion and Resolution**

Students will be able to critically review and interpret key urban design theories, construct and present basic arguments through frameworks

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | 75                               |
|                |                             |         |         |         | % OF STUDENTS ACHIEVE THE TARGET |

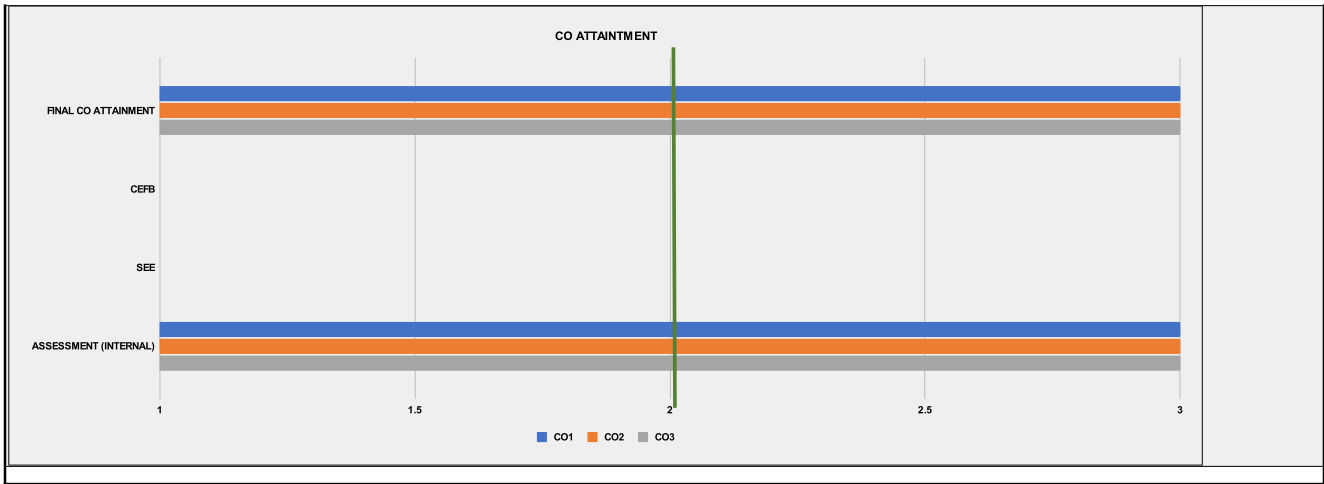
**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 %<br>ALWAYS ENSURE THE TOTAL IS 100 % |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO3   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |





|                                    |  |                            |                               |                       |            |             |            |            |
|------------------------------------|--|----------------------------|-------------------------------|-----------------------|------------|-------------|------------|------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |                            |                               |                       |            |             |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |                            |                               |                       |            |             |            |            |
| <b>SEMESTER</b>                    | SEM 1  |                            |                               |                       |            |             |            |            |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |                            |                               |                       |            |             |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Compulsory Electives -1  |                            |                               |                       |            |             |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE101  |                            |                               |                       |            |             |            |            |
| <b>COPO Mapping</b>                |  |                            |                               |                       |            |             |            |            |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b>                 | <b>PO3</b>                    | <b>PO4</b>            | <b>PO5</b> | <b>PO6</b>  | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 0  | 0                          | 1                             | 3                     | 1          |             |            |            |
| CO2                                | 3  | 3                          | 3                             | 3                     | 1          |             |            |            |
| CO3                                | 2  | 2                          | 2                             | 3                     | 0          |             |            |            |
| CO4                                | 3  | 2                          | 1                             | 3                     | 2          |             |            |            |
| CO5                                | 1  | 2                          | 3                             | 3                     | 3          |             |            |            |
| <b>CO Attainments</b>              |  |                            |                               |                       |            |             |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |                       |            |             |            |            |
| CO1                                | The students will learn to work with various geospatial platforms such as QGIS, Bhuvan, USGS, OSM.                     | 2.00                       |                               |                       |            |             |            |            |
| CO2                                | Enable students to design methods to map different vectors of urban living using primary as well as secondary data.    | 2.00                       |                               |                       |            |             |            |            |
| CO3                                | Equip students with the necessary skills and knowledge to analyse the sourced data to infer urban design implications. | 2.00                       |                               |                       |            |             |            |            |
| CO4                                | Enable students to identify hotspots in the studio site to aid their site visits.                                      | 2.00                       |                               |                       |            |             |            |            |
| CO5                                | Understand the scope, limitations and ethical implications of using data centric methods of research                   | 2.00                       |                               |                       |            |             |            |            |
| <b>Course-level PO Attainments</b> |  |                            |                               |                       |            |             |            |            |
| <b>PO1 Attainment</b>              |  | <b>2.00</b>                |                               | <b>PO5 Attainment</b> |            | <b>2.00</b> |            |            |
| <b>PO2 Attainment</b>              |  | <b>2.00</b>                |                               | <b>PO6 Attainment</b> |            | <b>0.00</b> |            |            |
| <b>PO3 Attainment</b>              |  | <b>2.00</b>                |                               | <b>PO7 Attainment</b> |            | <b>0.00</b> |            |            |
| <b>PO4 Attainment</b>              |  | <b>2.00</b>                |                               | <b>PO8 Attainment</b> |            | <b>0.00</b> |            |            |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD       |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 1                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Compulsory Electives -1    |
| COURSE CODE (AS PER MU) | MUDE101                    |
| FACULTY                 | Aneerudha Paul             |
| FACULTY INCHARGE        | Aneerudha Paul             |
| TOTAL MARKS             | 100                        |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | The students will learn to work with various geospatial platforms such as QGIS, Bhuvan, USGS, OSM.                     | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Enable students to design methods to map different vectors of urban living using primary as well as secondary data.    | L2 - Understand (Explain ideas or concepts)    |
| CO3     | Equip students with the necessary skills and knowledge to analyse the sourced data to infer urban design implications. | L3 - Apply (Use information in new situations) |
| CO4     | Enable students to identify hotspots in the studio site to aid their site visits.                                      | L4 - Analyse (Draw connections among ideas)    |
| CO5     | Understand the scope, limitations and ethical implications of using data centric methods of research                   | L5 - Evaluate (Justify a stand or decision)    |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

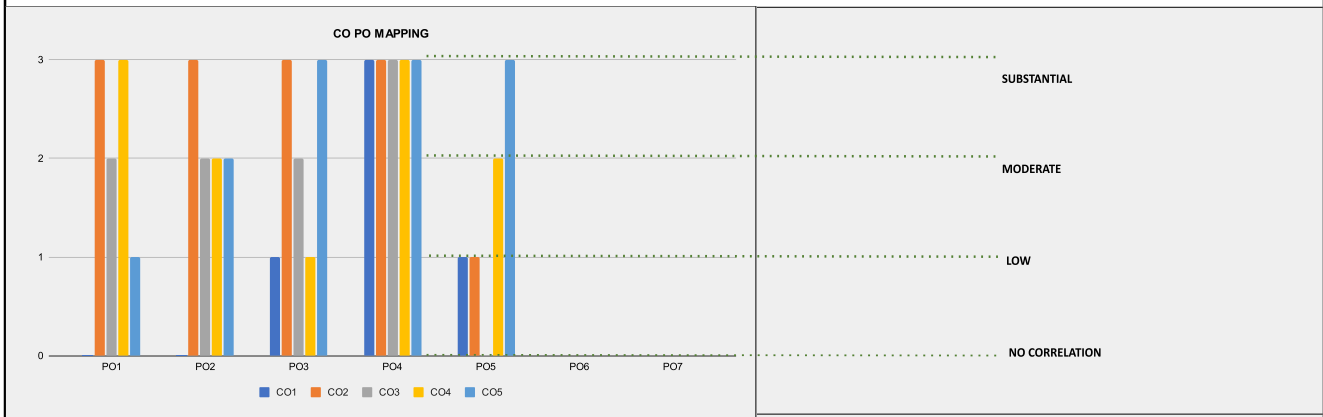
| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 0           | 0           | 1           | 3           | 1           |     |     |             | 1.67       |
| CO2               | 3           | 3           | 3           | 3           | 1           |     |     |             | 2.60       |
| CO3               | 2           | 2           | 2           | 3           | 0           |     |     |             | 2.25       |
| CO4               | 3           | 2           | 1           | 3           | 2           |     |     |             | 2.20       |
| CO5               | 1           | 2           | 3           | 3           | 3           |     |     |             | 2.40       |
| <b>PO AVERAGE</b> | <b>2.25</b> | <b>2.25</b> | <b>2.00</b> | <b>3.00</b> | <b>1.75</b> |     |     | <b>0.00</b> |            |

**Conclusion and Resolution**

Orient students to structured and objective methods of organising knowledge and data about cities.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

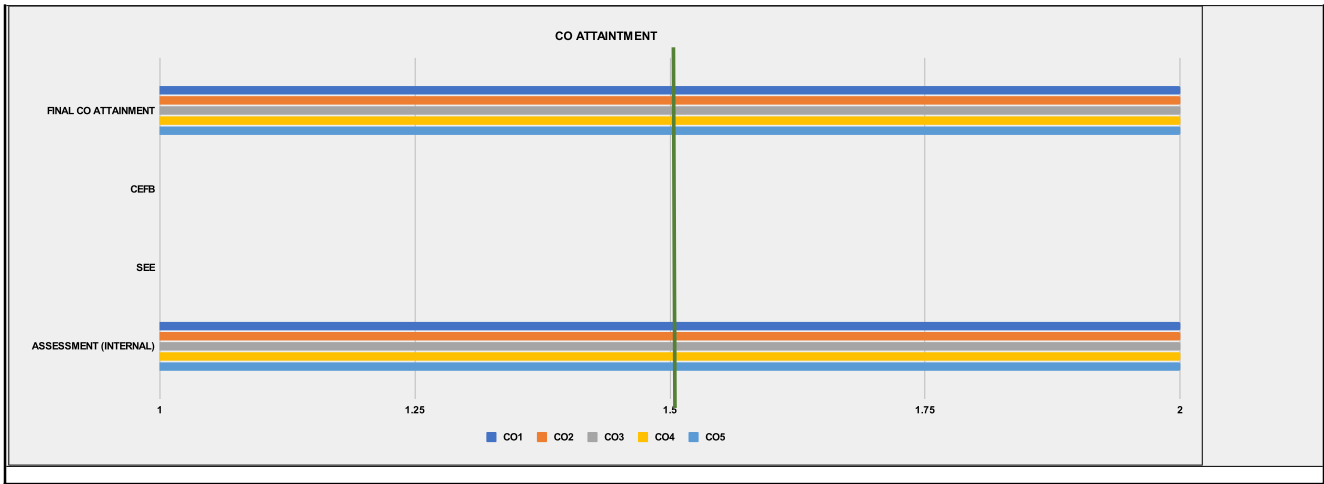
| TOOLS          |                             | LEVEL 1                          | LEVEL 2 | LEVEL 3 | TARGET MARKS |
|----------------|-----------------------------|----------------------------------|---------|---------|--------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29                            | 30-59   | 60-89   | 65           |
|                |                             | % OF STUDENTS ACHIEVE THE TARGET |         |         |              |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|--|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 |  |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |  |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures  |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|---|
| CO1   | 2                     | -   | -    | 2.00                | 3         | No                | should demonstrate more varying demographics to help generate a diverse range of diagrams |
| CO2   | 2                     | -   | -    | 2.00                | 2         | Yes               |   |
| CO3   | 2                     | -   | -    | 2.00                | 3         | No                | the addition of lenses will help achieving the target                                     |
| CO4   | 2                     | -   | -    | 2.00                | 2         | Yes               |   |
| CO5   | 2                     | -   | -    | 2.00                | 2         | Yes               |   |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 1  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Compulsory Electives -2  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE102  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>2</b>   | <b>3</b>   | <b>1</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>   | <b>3</b>   | <b>3</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO3</b>                         | <b>3</b>   | <b>3</b>   | <b>3</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Students will learn to read aloud, discuss, and understand academic literature together, as a class, in a seminar-like class environment.            |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Students will learn how theorization is done, through group-reading sessions and in-class discussions.   |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO3</b>                         | Students will learn how to write short essays, based on their readings, with proper citations, referencing, and an academically sound writing style. |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD       |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 1                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Compulsory Electives -2    |
| COURSE CODE (AS PER MU) | MUDE102                    |
| FACULTY                 | Dr. Binti Singh            |
| FACULTY INCHARGE        | Dr. Binti Singh            |
| TOTAL MARKS             | 100                        |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | Students will learn to read aloud, discuss, and understand academic literature together, as a class, in a seminar-like class environment.            | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Students will learn how theorization is done, through group-reading sessions and in-class discussions.   | L3 - Apply (Use information in new situations) |
| CO3     | Students will learn how to write short essays, based on their readings, with proper citations, referencing, and an academically sound writing style. | L6 - Create (Produce new or original work)     |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

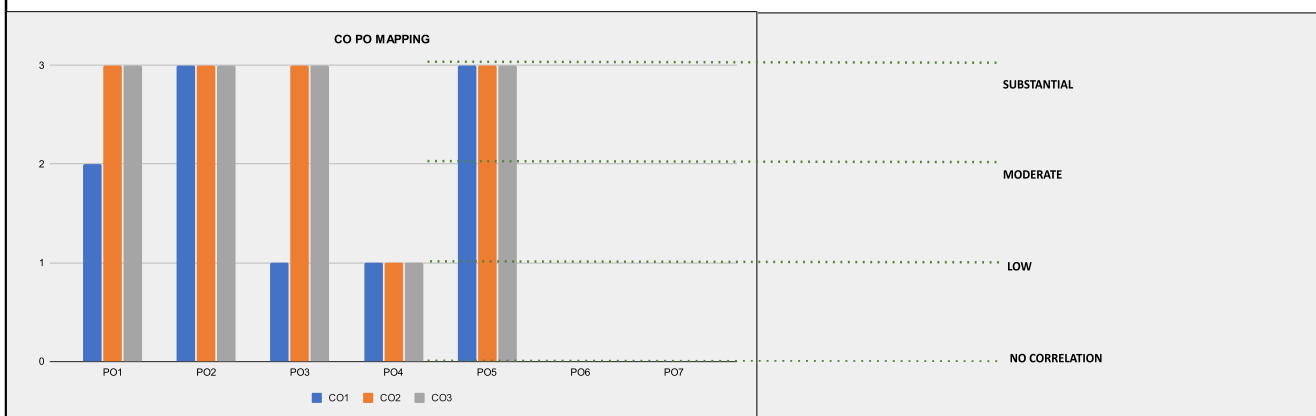
| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 2    | 3    | 1    | 1    | 3    |     |     |      | 2.00       |
| CO2        | 3    | 3    | 3    | 1    | 3    |     |     |      | 2.60       |
| CO3        | 3    | 3    | 3    | 1    | 3    |     |     |      | 2.60       |
| PO AVERAGE | 2.67 | 3.00 | 2.33 | 1.00 | 3.00 |     |     | 0.00 |            |

**Conclusion and Resolution**

A greater emphasis on reading, writing, and criticality can help bring the COs and POs closer.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

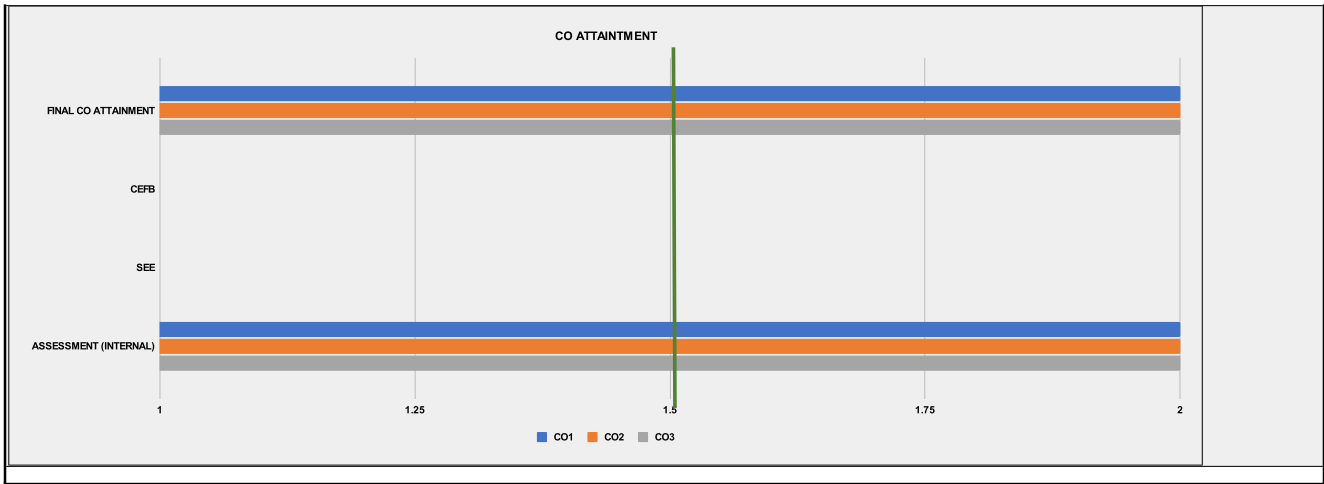
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3                          | TARGET MARKS |
|----------------|-----------------------------|---------|---------|----------------------------------|--------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89                            |              |
|                |                             |         |         | % OF STUDENTS ACHIEVE THE TARGET | 65           |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 |     |     | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 %<br>ALWAYS ENSURE THE TOTAL IS 100 % |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures   |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|--|
| CO1   | 2                     |     | -    | 2.00                | 2.5       | No                | concepts will be taught more lucidly with real life examples from India and across the world. There will also be emphasis on more writing exercises, which will be evaluated on a regular basis. |
| CO2   | 2                     |     | -    | 2.00                | 2.5       | No                |  |
| CO3   | 2                     |     | -    | 2.00                | 2.5       | No                |  |



|                                    |   |            |             |                            |                               |            |            |             |
|------------------------------------|---|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD  |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 1   |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Landscape Design and Urban Ecology  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDS101   |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>  | <b>0</b>   | <b>0</b>    | <b>2</b>                   | <b>0</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>  | <b>2</b>   | <b>2</b>    | <b>3</b>                   | <b>3</b>                      |            |            |             |
| <b>CO3</b>                         | <b>3</b>  | <b>1</b>   | <b>2</b>    | <b>3</b>                   | <b>3</b>                      |            |            |             |
| <b>CO Attainments</b>              |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Students will understand the context, theoretical framework and methods of ecological planning.   |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Students will learn to apply ecological methods to analyse contemporary urban and infrastructure planning development in their own contexts . |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO3</b>                         | Students will learn to critically evaluate frameworks or categories employed for the conservation and management of landscapes.               |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |   |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>3.00</b> |
| <b>PO2 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |



**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                                    |
|-------------------------|------------------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD               |
| ACADEMIC YEAR           | 2020-2021                          |
| SEMESTER                | SEM 1                              |
| EXAMINATION SCHEME      | Only Sessionals (Internal)         |
| COURSE NAME (AS PER MU) | Landscape Design and Urban Ecology |
| COURSE CODE (AS PER MU) | MUDS101                            |
| FACULTY                 | Shweta Wagh                        |
| FACULTY INCHARGE        | Shweta Wagh                        |
| TOTAL MARKS             | 100                                |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|---|---|
| CO1     | Students will understand the context, theoretical framework and methods of ecological planning.   | L2 - Understand (Explain ideas or concepts) |
| CO2     | Students will learn to apply ecological methods to analyse contemporary urban and infrastructure planning development in their own contexts . | L4 - Analyse (Draw connections among ideas) |
| CO3     | Students will learn to critically evaluate frameworks or categories employed for the conservation and management of landscapes.               | L5 - Evaluate (Justify a stand or decision) |

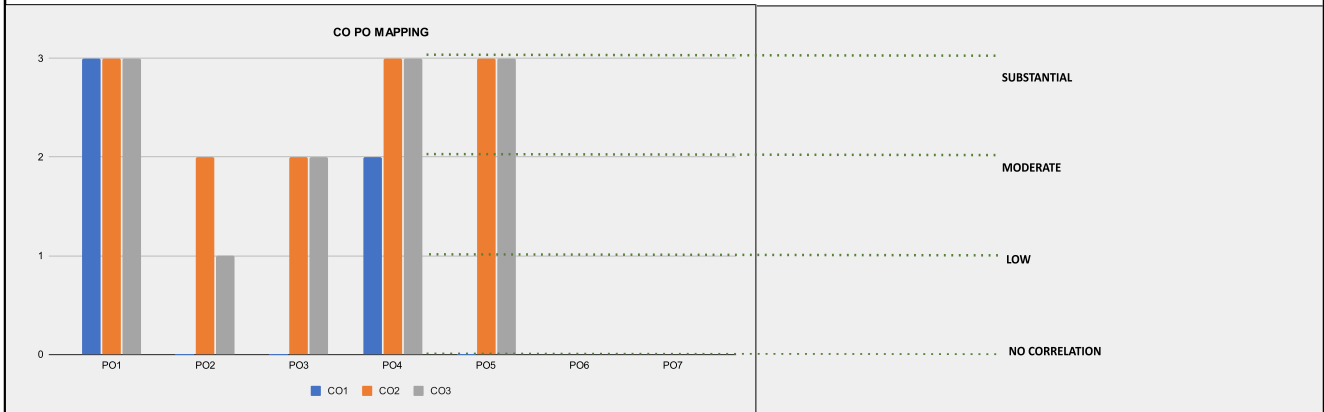
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 0    | 0    | 2    | 0    |     |     |      | 2.50       |
| CO2        | 3    | 2    | 2    | 3    | 3    |     |     |      | 2.60       |
| CO3        | 3    | 1    | 2    | 3    | 3    |     |     |      | 2.40       |
| PO AVERAGE | 3.00 | 1.50 | 2.00 | 2.67 | 3.00 |     |     | 0.00 |            |

**Conclusion and Resolution** : In with the 2nd program objective pertaining to real and speculative urban interventions is low as the course emphasises an understanding of theoretical conceptions and

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

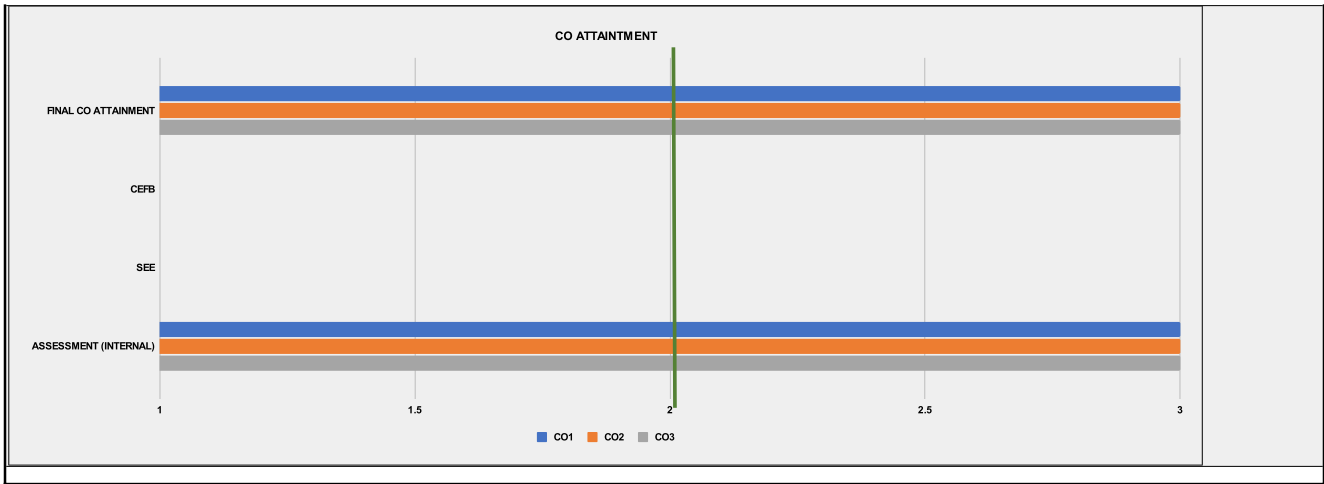
| TOOLS          | LEVEL 1                     | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|----------------------------------|
| INTERNAL MARKS | 10-29                       | 30-59   | 60-89   | 76                               |
|                | IF GREATER THAN OR EQUAL TO |         |         | % OF STUDENTS ACHIEVE THE TARGET |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 | ALWAYS ENSURE THE TOTAL IS 100 %  |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |                        |
| CO3   | 3                     | -   | -    | 3.00                |           | Yes               |                        |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 1  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Design Studio - I  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDS102  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| CO1                                | 3  | 0          | 0           | 2                          | 3                             |            |            |             |
| CO2                                | 3  | 0          | 0           | 2                          | 3                             |            |            |             |
| CO3                                | 3  | 0          | 0           | 2                          | 3                             |            |            |             |
| CO4                                | 3  | 1          | 1           | 3                          | 3                             |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| CO1                                | Objectivity in data collection and representation.   |            |             | 3.00                       |                               |            |            |             |
| CO2                                | Intensive mapping and data collection on contemporary urban and developmental challenges.            |            |             | 3.00                       |                               |            |            |             |
| CO3                                | Engaging with a morphological survey / analysis through detailed studies of the urban realm.         |            |             | 3.00                       |                               |            |            |             |
| CO4                                | Explore and innovate on alternative techniques of representation for these complex urban conditions. |            |             | 3.00                       |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>3.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>3.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>3.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>3.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>3.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |   |
|-------------------------|---|
| PROGRAM                 | FIRST YEAR M-ARCH UD  |
| ACADEMIC YEAR           | 2020-2021   |
| SEMESTER                | SEM 1   |
| EXAMINATION SCHEME      | Only Sessionals (Internal)  |
| COURSE NAME (AS PER MU) | Design Studio - I   |
| COURSE CODE (AS PER MU) | MUDS102   |
| FACULTY                 | ROHAN SHIVKUMAR, KETAKI TARE, SANA EYA V., ADITYA SAWANT, ANKUSH CHANDRAN |
| FACULTY INCHARGE        | ROHAN SHIVKUMAR   |
| TOTAL MARKS             | 450   |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                   |
|---------|--|---|
| CO1     | Objectivity in data collection and representation.   | L2 - Understand (Explain ideas or concepts)     |
| CO2     | Intensive mapping and data collection on contemporary urban and developmental challenges.            | L2 - Understand (Explain ideas or concepts)     |
| CO3     | Engaging with a morphological survey / analysis through detailed studies of the urban realm.         | L4 - Analyse (Draw connections among ideas)     |
| CO4     | Explore and innovate on alternative techniques of representation for these complex urban conditions. | L1 - Remember (Recall facts and basic concepts) |

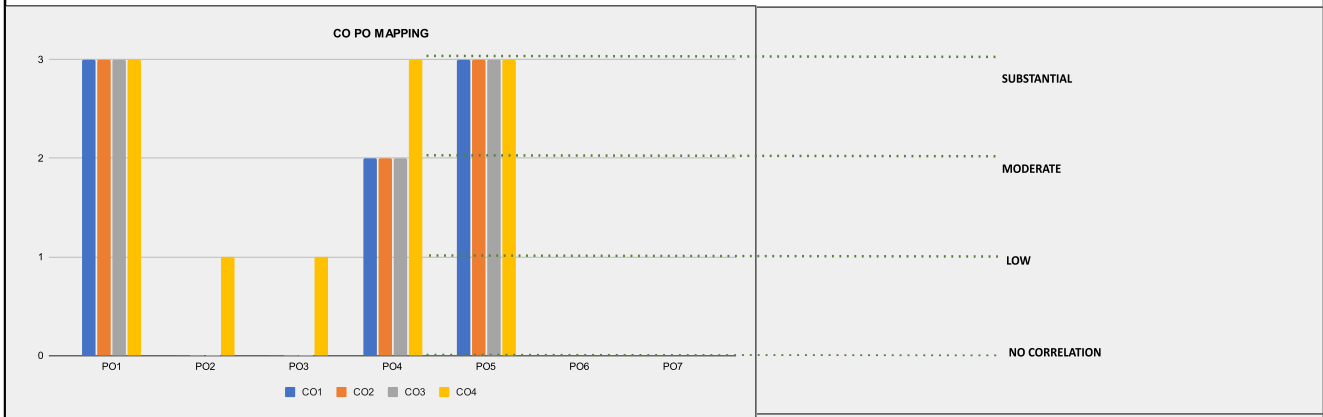
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 3           | 0           | 0           | 2           | 3           |     |     |             | 2.67       |
| CO2               | 3           | 0           | 0           | 2           | 3           |     |     |             | 2.67       |
| CO3               | 3           | 0           | 0           | 2           | 3           |     |     |             | 2.67       |
| CO4               | 3           | 1           | 1           | 3           | 3           |     |     |             | 2.20       |
| <b>PO AVERAGE</b> | <b>3.00</b> | <b>1.00</b> | <b>1.00</b> | <b>2.25</b> | <b>3.00</b> |     |     | <b>0.00</b> |            |

**Conclusion and Resolution** "This is a course that focuses mainly on mapping and representation and introducing the students to the city of Mumbai. The propositional aspects of the studio are not very important."

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

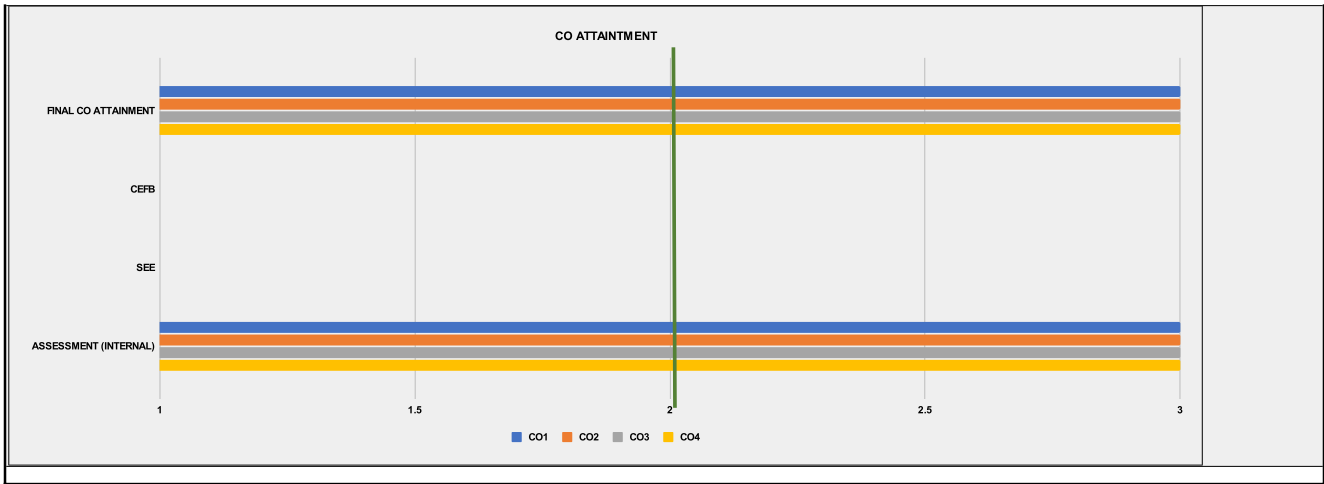
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET |
|                |                             |         |         |         | 300                              |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures   |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|--|
| CO1   | 3                     | -   | -    | 3.00                | 2.5       | Yes               | The First Semester studio was designed to address the fact that the studio was held during the COVID Crisis. |
| CO2   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |  |
| CO3   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |  |
| CO4   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |  |



2020-21

# Semester II

|                                    |   |            |            |                            |                               |            |            |            |
|------------------------------------|---|------------|------------|----------------------------|-------------------------------|------------|------------|------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD  |            |            |                            |                               |            |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |            |                            |                               |            |            |            |
| <b>SEMESTER</b>                    | SEM 2   |            |            |                            |                               |            |            |            |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + Theory (Exam)   |            |            |                            |                               |            |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Planning Techniques and Procedure - II  |            |            |                            |                               |            |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC201   |            |            |                            |                               |            |            |            |
| <b>COPO Mapping</b>                |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b> | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 3   | 0          | 3          | 0                          | 1                             |            |            |            |
| CO2                                | 3   | 3          | 2          | 2                          | 1                             |            |            |            |
| CO3                                | 2   | 3          | 3          | 3                          | 2                             |            |            |            |
| <b>CO Attainments</b>              |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |            | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |            |
| CO1                                | Instilling the ability of the students to critically understand the process of creating planning as a technical profession. |            |            | 2.10                       |                               |            |            |            |
| CO2                                | Making students aware the possibilities as well as limitations of different planning approaches through case studies.       |            |            | 2.20                       |                               |            |            |            |
| CO3                                | Ability of students to use an appropriate planning technique/approach based on a particular vision or goal.                 |            |            | 1.80                       |                               |            |            |            |
| <b>Course-level PO Attainments</b> |   |            |            |                            |                               |            |            |            |
| <b>PO1 Attainment</b>              | 2.06  |            |            | <b>PO5 Attainment</b>      | 1.98                          |            |            |            |
| <b>PO2 Attainment</b>              | 2.00  |            |            | <b>PO6 Attainment</b>      | 0.00                          |            |            |            |
| <b>PO3 Attainment</b>              | 2.01  |            |            | <b>PO7 Attainment</b>      | 0.00                          |            |            |            |
| <b>PO4 Attainment</b>              | 1.96  |            |            | <b>PO8 Attainment</b>      | 0.00                          |            |            |            |



**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |  |
|-------------------------|--|
| PROGRAM                 | FIRST YEAR M-ARCH UD                   |
| ACADEMIC YEAR           | 2020-2021                              |
| SEMESTER                | SEM 2                                  |
| EXAMINATION SCHEME      | Sessionals (Internal) + Theory (Exam)  |
| COURSE NAME (AS PER MU) | Planning Techniques and Procedure - II |
| COURSE CODE (AS PER MU) | MUDC201                                |
| FACULTY                 | Binti Singh, Aditya Sawant             |
| FACULTY INCHARGE        | Aditya Sawant                          |
| TOTAL MARKS             | 100                                    |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|---|---|
| CO1     | Instilling the ability of the students to critically understand the process of creating planning as a technical profession. | L2 - Understand (Explain ideas or concepts) |
| CO2     | Making students aware the possibilities as well as limitations of different planning approaches through case studies.       | L4 - Analyse (Draw connections among ideas) |
| CO3     | Ability of students to use an appropriate planning technique/approach based on a particular vision or goal.                 | L5 - Evaluate (Justify a stand or decision) |

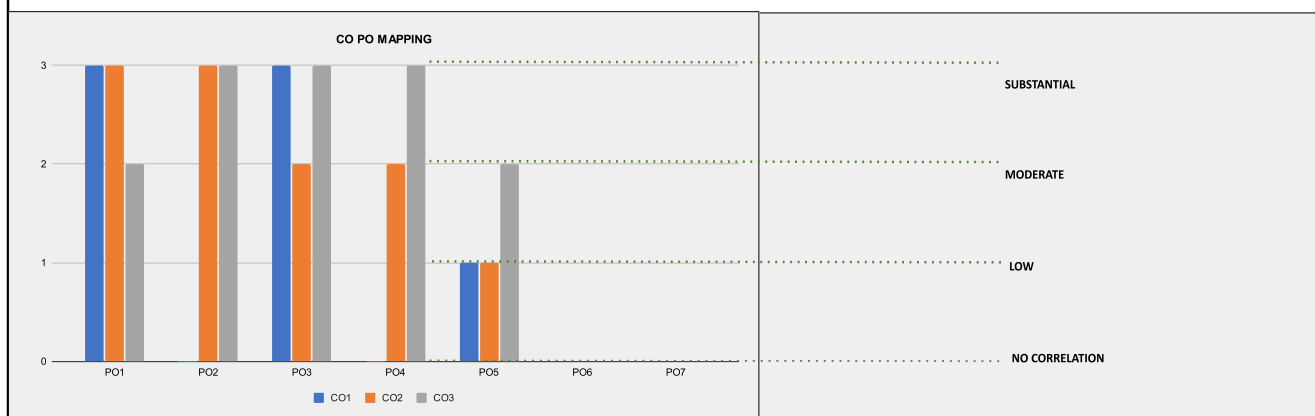
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 0    | 3    | 0    | 1    |     |     |      | 2.33       |
| CO2        | 3    | 3    | 2    | 2    | 1    |     |     |      | 2.20       |
| CO3        | 2    | 3    | 3    | 3    | 2    |     |     |      | 2.60       |
| PO AVERAGE | 2.67 | 3.00 | 2.67 | 2.50 | 1.33 |     |     | 0.00 |            |

**Conclusion and Resolution** The course tries to provide a critical understanding of the various approaches to planning today as well as historically

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

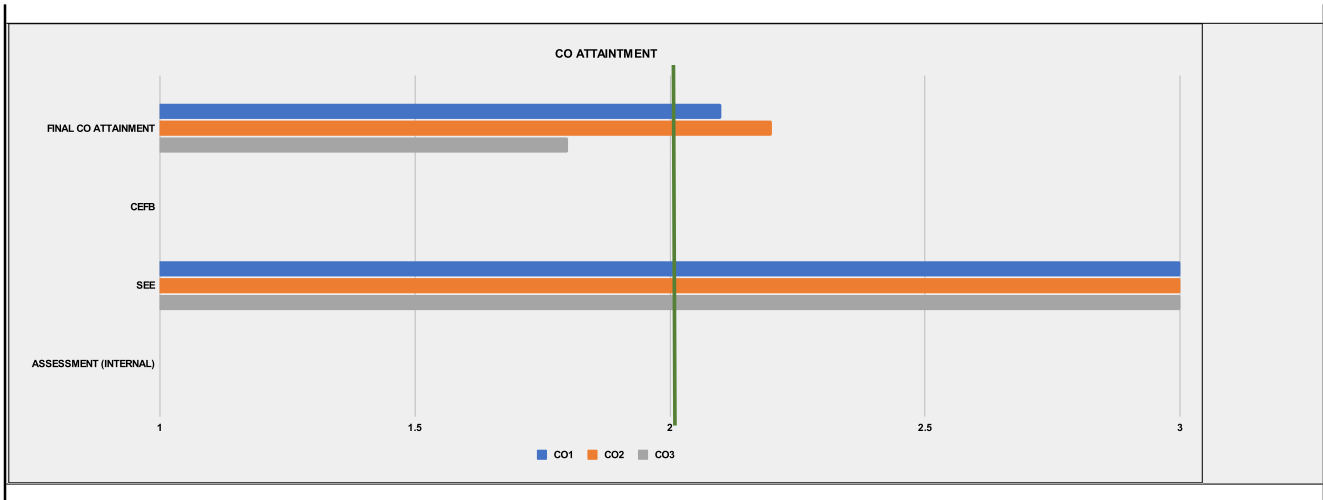
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                         |
|----------------|-----------------------------|---------|---------|---------|--------------------------------------|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET: 33 |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET: 35 |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 45  | 40  | 60  | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 55  | 60  | 40  | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 | ALWAYS ENSURE THE TOTAL IS 100 %        |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 1                     | 3   | -    | 2.1                 | 2         | Yes               |                        |
| CO2   | 1                     | 3   | -    | 2.20                | 2         | Yes               |                        |
| CO3   | 1                     | 3   | -    | 1.80                | 1.5       | Yes               |                        |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 2  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + Theory (Exam)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Transportation & Traffic for Urban Design  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC202  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>2</b>   | <b>1</b>   | <b>2</b>    | <b>3</b>                   | <b>0</b>                      |            |            |             |
| <b>CO2</b>                         | <b>0</b>   | <b>3</b>   | <b>2</b>    | <b>2</b>                   | <b>2</b>                      |            |            |             |
| <b>CO3</b>                         | <b>2</b>   | <b>1</b>   | <b>3</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Students will develop an understanding of transportation planning with specific focus to urban design  |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Students will identify opportunities to create public infrastructure which is more human oriented than vehicular dependent                                       |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO3</b>                         | Students will organise their responses to the studio questions in a more granular manner correlate qualitative concepts like quality of life with infrastructure |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |   |
|-------------------------|---|
| PROGRAM                 | FIRST YEAR M-ARCH UD                      |
| ACADEMIC YEAR           | 2020-2021                                 |
| SEMESTER                | SEM 2                                     |
| EXAMINATION SCHEME      | Sessionals (Internal) + Theory (Exam)     |
| COURSE NAME (AS PER MU) | Transportation & Traffic for Urban Design |
| COURSE CODE (AS PER MU) | MUDC202                                   |
| FACULTY                 | Sandeep Menon                             |
| FACULTY INCHARGE        | Sandeep Menon                             |
| TOTAL MARKS             | 100                                       |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|--|---|
| CO1     | Students will develop an understanding of transportation planning with specific focus to urban design  | L2 - Understand (Explain ideas or concepts) |
| CO2     | Students will identify opportunities to create public infrastructure which is more human oriented than vehicular dependent                                       | L6 - Create (Produce new or original work)  |
| CO3     | Students will organise their responses to the studio questions in a more granular manner correlate qualitative concepts like quality of life with infrastructure | L4 - Analyse (Draw connections among ideas) |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

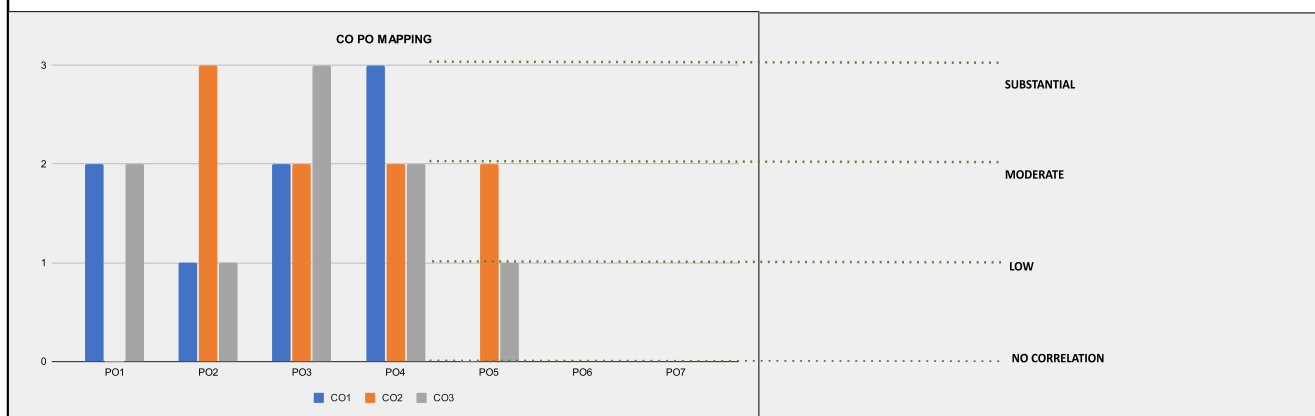
| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 2    | 1    | 2    | 3    | 0    |     |     |      | 2.00       |
| CO2        | 0    | 3    | 2    | 2    | 2    |     |     |      | 2.25       |
| CO3        | 2    | 1    | 3    | 2    | 1    |     |     |      | 1.80       |
| PO AVERAGE | 2.00 | 1.67 | 2.33 | 2.33 | 1.50 |     |     | 0.00 |            |

**Conclusion and Resolution**

The course aligns with the understanding and application of transport as infrastructure in the urban realm.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

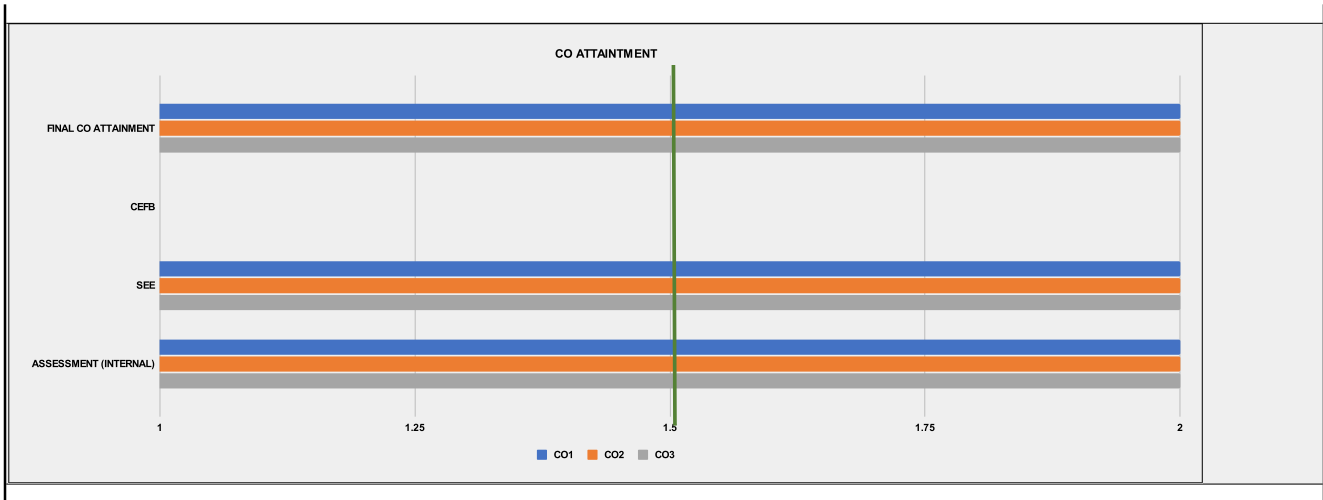
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                           |
|----------------|-----------------------------|---------|---------|---------|--|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET<br>35 |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET<br>32 |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 45  | 60  | 60  |     |     | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 55  | 40  | 40  |     |     |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 | ALWAYS ENSURE THE TOTAL IS 100 %        |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 2                     | 2   | -    | 2                   | 2         | Yes               |                        |
| CO2   | 2                     | 2   | -    | 2.00                | 2         | Yes               |                        |
| CO3   | 2                     | 2   | -    | 2.00                | 2         | Yes               |                        |



|                                    |  |                            |                               |                       |            |             |            |            |
|------------------------------------|--|----------------------------|-------------------------------|-----------------------|------------|-------------|------------|------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |                            |                               |                       |            |             |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |                            |                               |                       |            |             |            |            |
| <b>SEMESTER</b>                    | SEM 2  |                            |                               |                       |            |             |            |            |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |                            |                               |                       |            |             |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Choice-based Elective 1  |                            |                               |                       |            |             |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE201  |                            |                               |                       |            |             |            |            |
| <b>COPO Mapping</b>                |  |                            |                               |                       |            |             |            |            |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b>                 | <b>PO3</b>                    | <b>PO4</b>            | <b>PO5</b> | <b>PO6</b>  | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 3  | 2                          | 3                             | 2                     | 1          |             |            |            |
| CO2                                | 3  | 3                          | 3                             | 2                     | 2          |             |            |            |
| CO3                                | 3  | 3                          | 3                             | 3                     | 2          |             |            |            |
| CO4                                | 3  | 3                          | 3                             | 3                     | 3          |             |            |            |
| CO5                                | 3  | 3                          | 3                             | 2                     | 2          |             |            |            |
| <b>CO Attainments</b>              |  |                            |                               |                       |            |             |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |                       |            |             |            |            |
| CO1                                | Sensitization of Individual, Social and Urban associations with Water.                   | 3.00                       |                               |                       |            |             |            |            |
| CO2                                | Acknowledgment of value of Historic Urban Water Infrastructure.                          | 3.00                       |                               |                       |            |             |            |            |
| CO3                                | Comprehension of Issues affecting Water systems in Historic Cities                       | 3.00                       |                               |                       |            |             |            |            |
| CO4                                | Understanding Constitutional & Statutory provisions governing Water and its environment. | 3.00                       |                               |                       |            |             |            |            |
| CO5                                | Unravelling the Socio- Cultural & Political dimensions of historic water infrastructure  | 3.00                       |                               |                       |            |             |            |            |
| <b>Course-level PO Attainments</b> |  |                            |                               |                       |            |             |            |            |
| <b>PO1 Attainment</b>              |  | <b>3.00</b>                |                               | <b>PO5 Attainment</b> |            | <b>3.00</b> |            |            |
| <b>PO2 Attainment</b>              |  | <b>3.00</b>                |                               | <b>PO6 Attainment</b> |            | <b>0.00</b> |            |            |
| <b>PO3 Attainment</b>              |  | <b>3.00</b>                |                               | <b>PO7 Attainment</b> |            | <b>0.00</b> |            |            |
| <b>PO4 Attainment</b>              |  | <b>3.00</b>                |                               | <b>PO8 Attainment</b> |            | <b>0.00</b> |            |            |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD       |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 2                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Choice-based Elective 1    |
| COURSE CODE (AS PER MU) | MUDE201                    |
| FACULTY                 | Vikram Pawar               |
| FACULTY INCHARGE        | Vikram Pawar               |
| TOTAL MARKS             | 100                        |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | Sensitization of Individual, Social and Urban associations with Water.                   | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Acknowledgment of value of Historic Urban Water Infrastructure.                          | L2 - Understand (Explain ideas or concepts)    |
| CO3     | Comprehension of Issues affecting Water systems in Historic Cities                       | L3 - Apply (Use information in new situations) |
| CO4     | Understanding Constitutional & Statutory provisions governing Water and its environment. | L4 - Analyse (Draw connections among ideas)    |
| CO5     | Unravelling the Socio- Cultural & Political dimensions of historic water infrastructure  | L5 - Evaluate (Justify a stand or decision)    |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

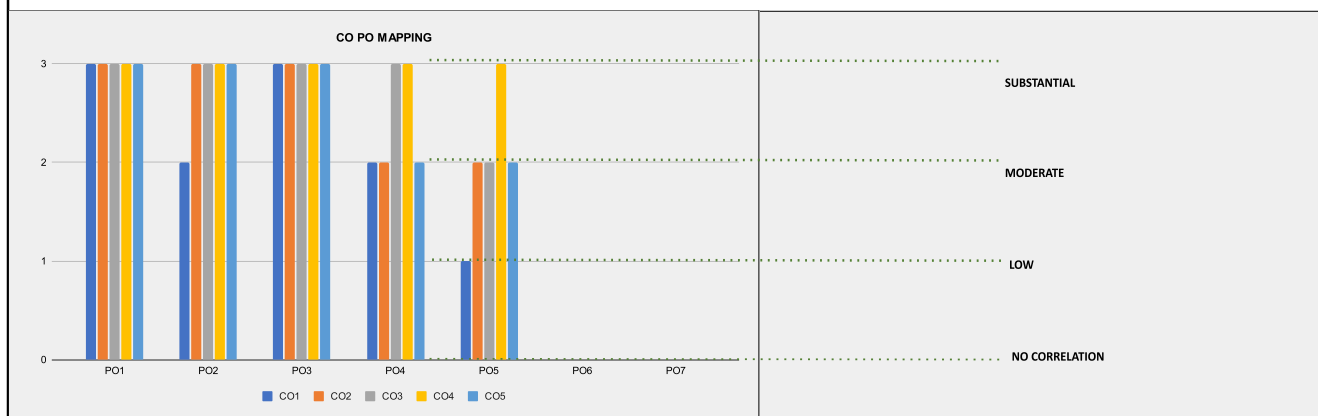
| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 3           | 2           | 3           | 2           | 1           |     |     |             | 2.20       |
| CO2               | 3           | 3           | 3           | 2           | 2           |     |     |             | 2.60       |
| CO3               | 3           | 3           | 3           | 3           | 2           |     |     |             | 2.80       |
| CO4               | 3           | 3           | 3           | 3           | 3           |     |     |             | 3.00       |
| CO5               | 3           | 3           | 3           | 2           | 2           |     |     |             | 2.60       |
| <b>PO AVERAGE</b> | <b>3.00</b> | <b>2.80</b> | <b>3.00</b> | <b>2.40</b> | <b>2.00</b> |     |     | <b>0.00</b> |            |

Conclusion and Resolution

ability to critically understand the water systems in historic cities

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

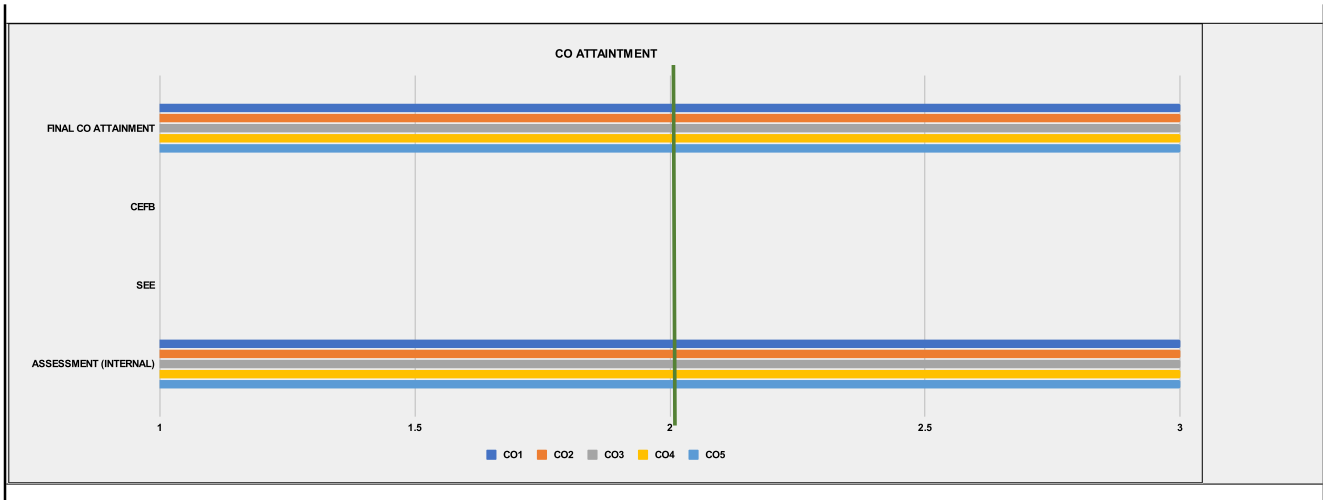
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | 65                               |
|                |                             |         |         |         | % OF STUDENTS ACHIEVE THE TARGET |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %  |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO3   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO4   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO5   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |





|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 2  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Research Method  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC203  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>2</b>   | <b>3</b>   | <b>1</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>   | <b>3</b>   | <b>2</b>    | <b>1</b>                   | <b>1</b>                      |            |            |             |
| <b>CO3</b>                         | <b>1</b>   | <b>1</b>   | <b>2</b>    | <b>0</b>                   | <b>2</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Exploring insights and urban perspectives  |            |             | <b>1.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Critically examining contemporary issues and developments in framing independent arguments |            |             | <b>1.00</b>                |                               |            |            |             |
| <b>CO3</b>                         | Choosing appropriate methods in the process of data collection                             |            |             | <b>1.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>1.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>1.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>1.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>1.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>1.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |  |
|-------------------------|--|
| PROGRAM                 | FIRST YEAR M-ARCH UD                       |
| ACADEMIC YEAR           | 2020-2021                                  |
| SEMESTER                | SEM 2                                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal)                 |
| COURSE NAME (AS PER MU) | Research Method                            |
| COURSE CODE (AS PER MU) | MUDC203                                    |
| FACULTY                 | Sarah George, Dr. Binti Singh, Ketaki Tare |
| FACULTY INCHARGE        | Sarah George                               |
| TOTAL MARKS             | 100  |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|--|---|
| CO1     | Exploring insights and urban perspectives  | L2 - Understand (Explain ideas or concepts) |
| CO2     | Critically examining contemporary issues and developments in framing independent arguments | L5 - Evaluate (Justify a stand or decision) |
| CO3     | Choosing appropriate methods in the process of data collection                             | L4 - Analyse (Draw connections among ideas) |

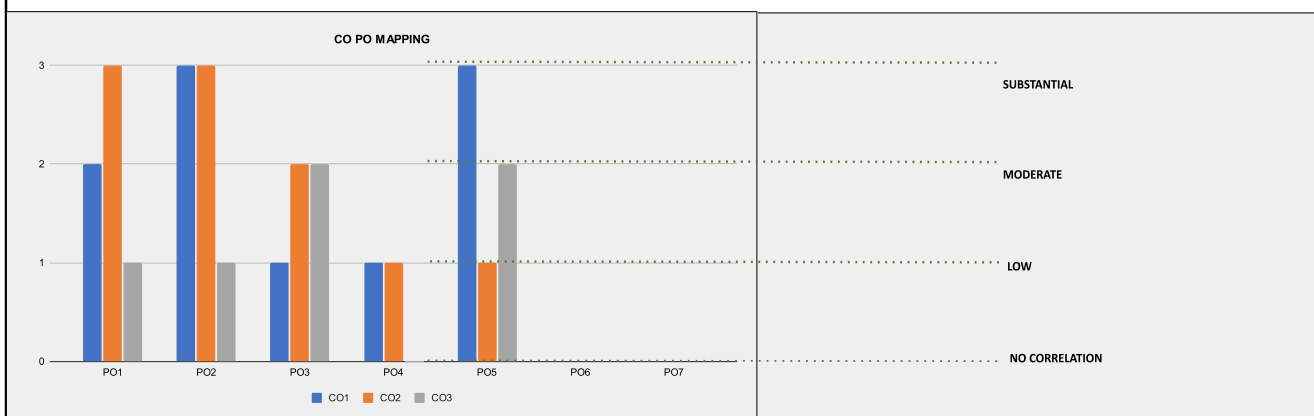
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 2    | 3    | 1    | 1    | 3    |     |     |      | 2.00       |
| CO2        | 3    | 3    | 2    | 1    | 1    |     |     |      | 2.00       |
| CO3        | 1    | 1    | 2    | 0    | 2    |     |     |      | 1.50       |
| PO AVERAGE | 2.00 | 2.33 | 1.67 | 1.00 | 2.00 |     |     | 0.00 |            |

**Conclusion and Resolution** The course should have a dual purpose of not only assisting the students towards understanding the methods of research in exploring the urban field and articulating their concern but also to structure the synopsis of their thesis.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

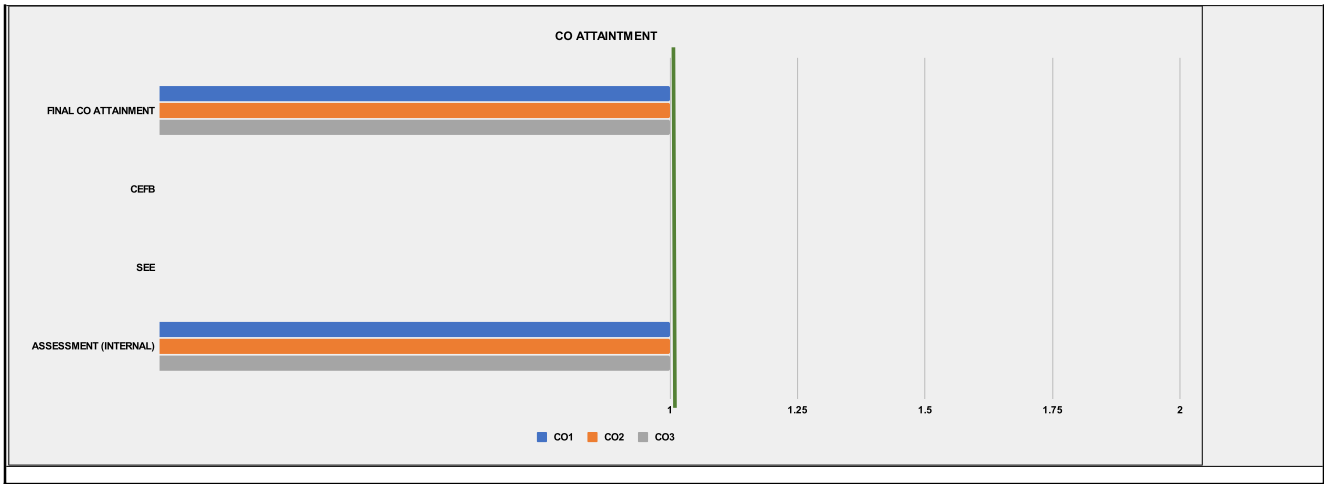
| TOOLS          | LEVEL 1                     | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|----------------------------------|
| INTERNAL MARKS | 10-29                       | 30-59   | 60-89   | 65                               |
|                | IF GREATER THAN OR EQUAL TO |         |         | % OF STUDENTS ACHIEVE THE TARGET |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 55  | 60  | 55  |     |     | ALWAYS ENSURE THE TOTAL IS 100 %  |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 1                     |     | -    | 1.00                | 1         | Yes               |                        |
| CO2   | 1                     |     | -    | 1.00                | 1         | Yes               |                        |
| CO3   | 1                     |     | -    | 1.00                | 1         | Yes               |                        |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 2  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Choice-based Elective 2  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE202  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>   | <b>3</b>   | <b>3</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>   | <b>3</b>   | <b>2</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Students can structure critical arguments regarding observed urban phenomena   |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | They can formulate research objectives for their thesis, where they independently explore phenomena that have spatial implications in our cities |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD       |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 2                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Choice-based Elective 2    |
| COURSE CODE (AS PER MU) | MUDE202                    |
| FACULTY                 | Aneerudha Paul             |
| FACULTY INCHARGE        | Aneerudha Paul             |
| TOTAL MARKS             | 100                        |

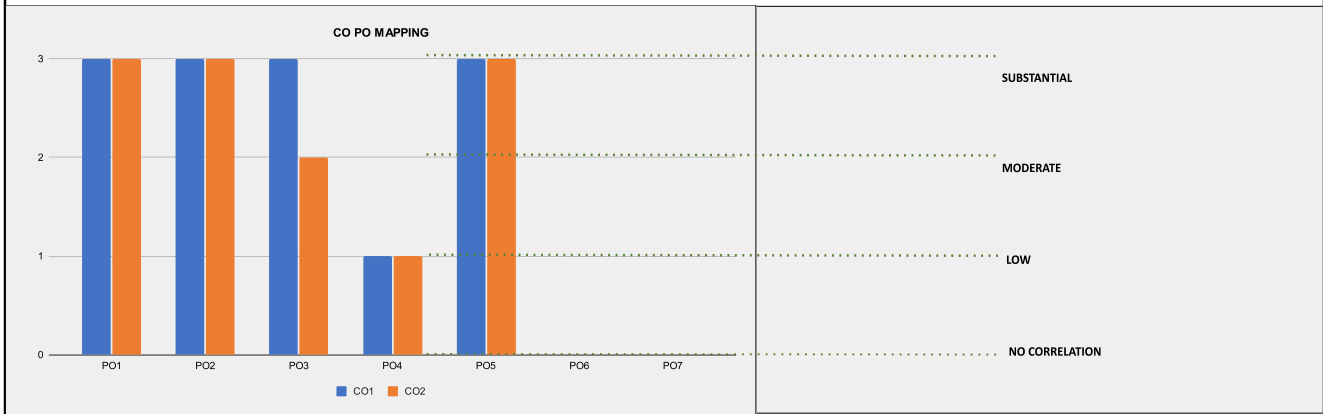
| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | Students can structure critical arguments regarding observed urban phenomena   | L2 - Understand (Explain ideas or concepts)    |
| CO2     | They can formulate research objectives for their thesis, where they independently explore phenomena that have spatial implications in our cities | L3 - Apply (Use information in new situations) |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No                    | PO1        | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|---------------------------|------------|------|------|------|------|-----|-----|------|------------|
| CO1                       | 3          | 3    | 3    | 1    | 3    |     |     |      | 2.60       |
| CO2                       | 3          | 3    | 2    | 1    | 3    |     |     |      | 2.40       |
| PO AVERAGE                | 3.00       | 3.00 | 2.50 | 1.00 | 3.00 |     |     | 0.00 |            |
| Conclusion and Resolution | Trial text |      |      |      |      |     |     |      |            |

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

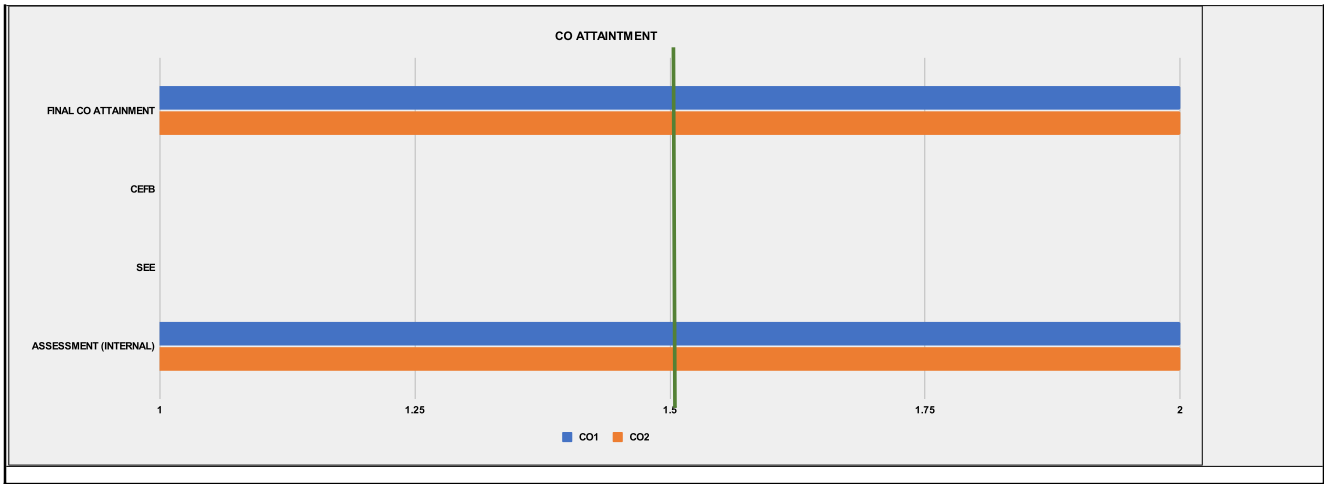
| TOOLS          | IF GREATER THAN OR EQUAL TO | LEVEL 1                          | LEVEL 2 | LEVEL 3 | TARGET MARKS |
|----------------|-----------------------------|----------------------------------|---------|---------|--------------|
| INTERNAL MARKS |                             | 10-29                            | 30-59   | 60-89   | 65           |
|                |                             | % OF STUDENTS ACHIEVE THE TARGET |         |         |              |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 0   | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %  |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures   |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|--|
| CO1   | 2                     | -   | -    | 2.00                | 2.5       | No                | are not able to work on sites due to COVID. Also the semester was short as the |
| CO2   | 2                     | -   | -    | 2.00                | 2.5       | No                |  |



|                                    |   |            |             |                            |                               |            |            |             |
|------------------------------------|---|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD  |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 2   |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Design Studio II  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDS201   |            |             |                            |                               |            |            |             |
|                                    |   |            |             |                            |                               |            |            |             |
|                                    |   |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |   |            |             |                            |                               |            |            |             |
|                                    |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>  | <b>2</b>   | <b>2</b>    | <b>1</b>                   | <b>2</b>                      |            |            |             |
| <b>CO2</b>                         | <b>2</b>  | <b>2</b>   | <b>2</b>    | <b>2</b>                   | <b>2</b>                      |            |            |             |
| <b>CO3</b>                         | <b>2</b>  | <b>1</b>   | <b>3</b>    | <b>2</b>                   | <b>2</b>                      |            |            |             |
| <b>CO4</b>                         | <b>2</b>  | <b>2</b>   | <b>3</b>    | <b>2</b>                   | <b>2</b>                      |            |            |             |
|                                    |   |            |             |                            |                               |            |            |             |
| <b>CO Attainments</b>              |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Objectivity in data collection and assessment.  |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Devise pragmatic and localized programmatic strategies on complex urban issues.   |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO3</b>                         | The outcome is imagined as a practice orientation to the studio.  |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO4</b>                         | Learn to formulate urban intervention possibilities through a process of continuous interaction with these actors and agencies. |            |             | <b>3.00</b>                |                               |            |            |             |
|                                    |   |            |             |                            |                               |            |            |             |
| <b>Course-level PO Attainments</b> |   |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>3.00</b> |
| <b>PO2 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD       |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 2                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Design Studio II           |
| COURSE CODE (AS PER MU) | MUDS201                    |
| FACULTY                 | Manoj, Paul                |
| FACULTY INCHARGE        | Manoj                      |
| TOTAL MARKS             | 500                        |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|---|--|
| CO1     | Objectivity in data collection and assessment.  | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Devise pragmatic and localized programmatic strategies on complex urban issues.   | L3 - Apply (Use information in new situations) |
| CO3     | The outcome is imagined as a practice orientation to the studio.  | L6 - Create (Produce new or original work)     |
| CO4     | Learn to formulate urban intervention possibilities through a process of continuous interaction with these actors and agencies. | L5 - Evaluate (Justify a stand or decision)    |

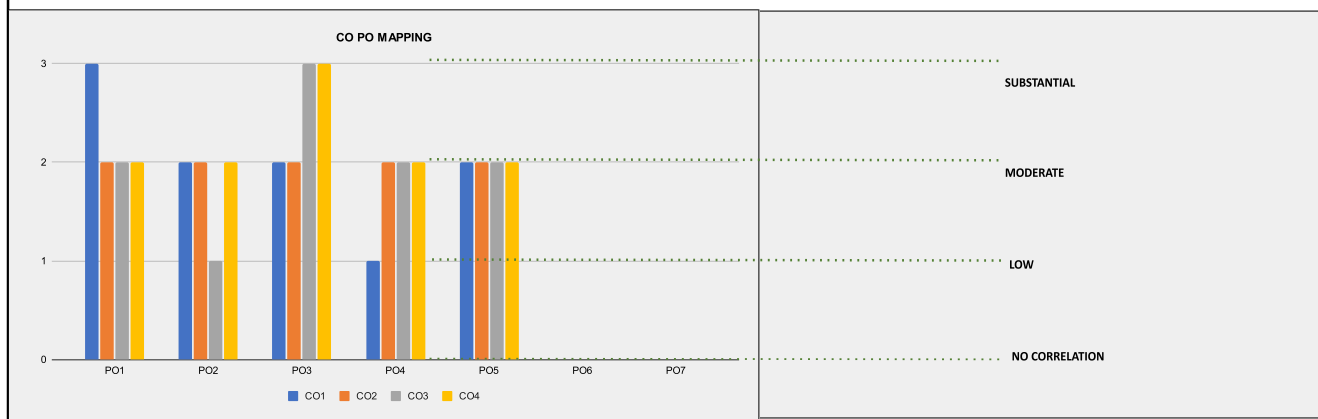
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 3           | 2           | 2           | 1           | 2           |     |     |             | 2.00       |
| CO2               | 2           | 2           | 2           | 2           | 2           |     |     |             | 2.00       |
| CO3               | 2           | 1           | 3           | 2           | 2           |     |     |             | 2.00       |
| CO4               | 2           | 2           | 3           | 2           | 2           |     |     |             | 2.20       |
| <b>PO AVERAGE</b> | <b>2.25</b> | <b>1.75</b> | <b>2.50</b> | <b>1.75</b> | <b>2.00</b> |     |     | <b>0.00</b> |            |

**Conclusion and Resolution** The synthesis of various courses in the design studio is of great help for the assimilation of knowledge in various courses

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET |
|                |                             |         |         |         | 350                              |

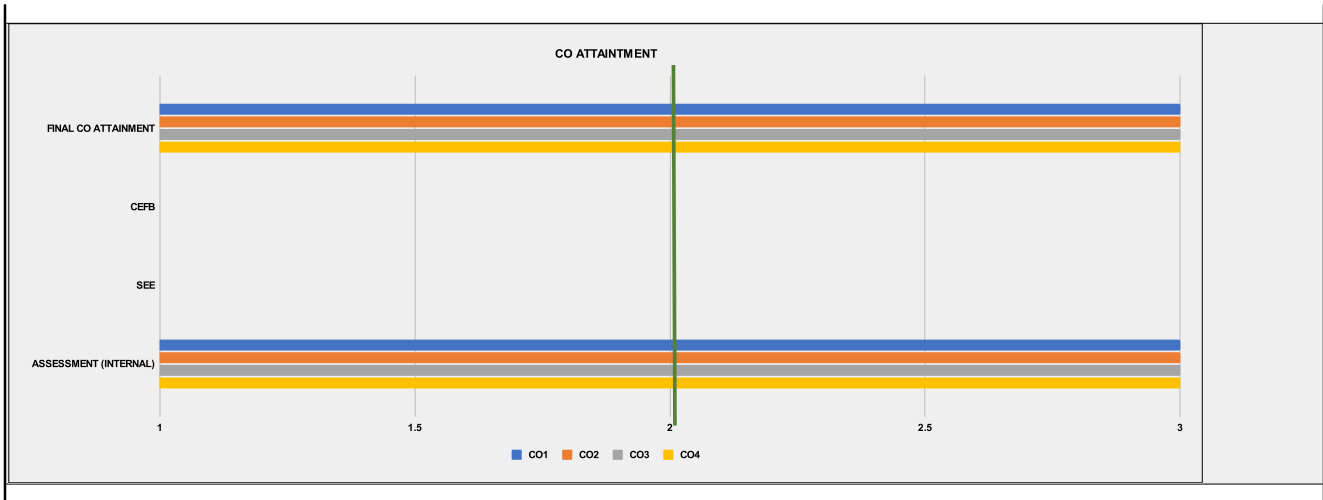
**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO3   | 3                     | -   | -    | 3.00                | 2         | Yes               |                        |
| CO4   | 3                     | -   | -    | 3.00                | 2.5       | Yes               |                        |





2020-21



# Semester III

## PO ATTAINMENT SUMMARY (2020-21)

| PO Name | PO Statement  | Attainment Value | PO Corrective Measures  |
|---------|---|------------------|---|
| PO1     | To acquire the ability to critically understand the context           | <b>2.57</b>      | Focus on the mapping and documentation has made a difference for the attainment value |
| PO2     | To be able to recommend real and speculative urban propositions       | <b>2.57</b>      | More examples and case studies have helped  |
| PO3     | To be able to validate urban interventions with theoretical positions | <b>2.57</b>      | Introduce more research papers  |
| PO4     | To be able to achieve technical competency for the respective streams | <b>2.57</b>      | Assignments has helped in the competency  |
| PO5     | To undertake research for production of new knowledge                 | <b>2.39</b>      | More input by faculty to introduce various examples has helped                        |

|                                    |   |            |             |                            |  |            |            |             |
|------------------------------------|---|------------|-------------|----------------------------|--|------------|------------|-------------|
| <b>PROGRAM</b>                     | SECOND YEAR M-ARCH UD   |            |             |                            |  |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |             |                            |  |            |            |             |
| <b>SEMESTER</b>                    | SEM 3   |            |             |                            |  |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + Theory (Exam)   |            |             |                            |  |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Development Finance   |            |             |                            |  |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC301   |            |             |                            |  |            |            |             |
| <b>COPO Mapping</b>                |   |            |             |                            |  |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>   | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>  | <b>2</b>   | <b>2</b>    | <b>1</b>                   | <b>2</b>   |            |            |             |
| <b>CO2</b>                         | <b>3</b>  | <b>3</b>   | <b>3</b>    | <b>1</b>                   | <b>2</b>   |            |            |             |
| <b>CO Attainments</b>              |   |            |             |                            |  |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b>                      |            |            |             |
| <b>CO1</b>                         | Students shall acquire an understanding of the role finance plays in urban development.   |            |             | <b>2.60</b>                |  |            |            |             |
| <b>CO2</b>                         | Students will be equipped with assessing various financial innovations deployed in recent times for urban development and municipal service delivery. |            |             | <b>2.70</b>                | Use more real life examples for more practical app |            |            |             |
| <b>Course-level PO Attainments</b> |   |            |             |                            |  |            |            |             |
| <b>PO1 Attainment</b>              |   |            | <b>2.65</b> |                            | <b>PO5 Attainment</b>                              |            |            | <b>2.65</b> |
| <b>PO2 Attainment</b>              |   |            | <b>2.66</b> |                            | <b>PO6 Attainment</b>                              |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |   |            | <b>2.66</b> |                            | <b>PO7 Attainment</b>                              |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |   |            | <b>2.65</b> |                            | <b>PO8 Attainment</b>                              |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                                       |
|-------------------------|---------------------------------------|
| PROGRAM                 | SECOND YEAR M-ARCH UD                 |
| ACADEMIC YEAR           | 2020-2021                             |
| SEMESTER                | SEM 3                                 |
| EXAMINATION SCHEME      | Sessionals (Internal) + Theory (Exam) |
| COURSE NAME (AS PER MU) | Development Finance                   |
| COURSE CODE (AS PER MU) | MUDC301                               |
| FACULTY                 | Binti Singh                           |
| FACULTY INCHARGE        | Binti Singh                           |
| TOTAL MARKS             | 100                                   |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|---|---|
| CO1     | Students shall acquire an understanding of the role finance plays in urban development.   | L2 - Understand (Explain ideas or concepts) |
| CO2     | Students will be equipped with assessing various financial innovations deployed in recent times for urban development and municipal service delivery. | L4 - Analyse (Draw connections among ideas) |

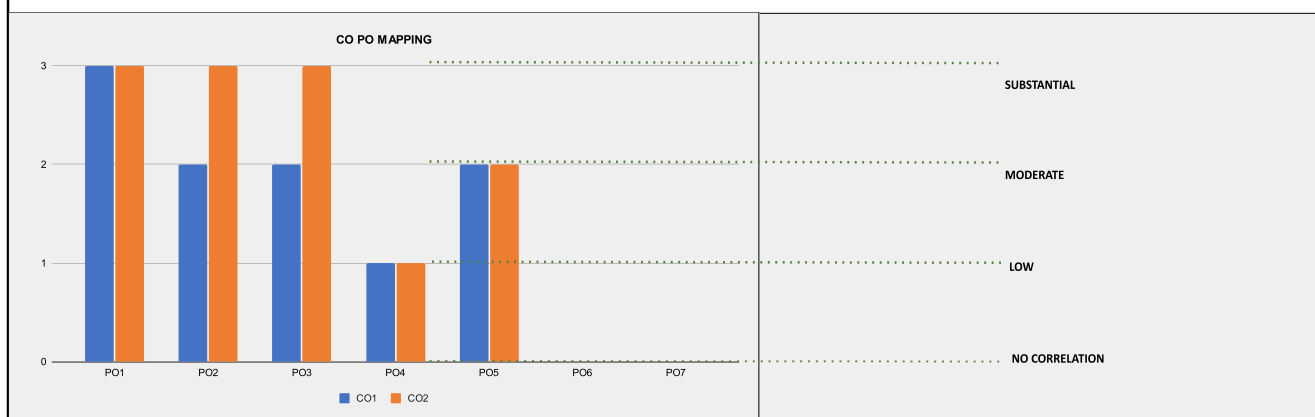
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 2    | 2    | 1    | 2    |     |     |      | 2.00       |
| CO2        | 3    | 3    | 3    | 1    | 2    |     |     |      | 2.40       |
| PO AVERAGE | 3.00 | 2.50 | 2.50 | 1.00 | 2.00 |     |     | 0.00 |            |

**Conclusion and Resolution** The subject is difficult and new to students of architecture and urban design. Its their first exposure to the subject and they have to grapple with new and difficult concepts

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

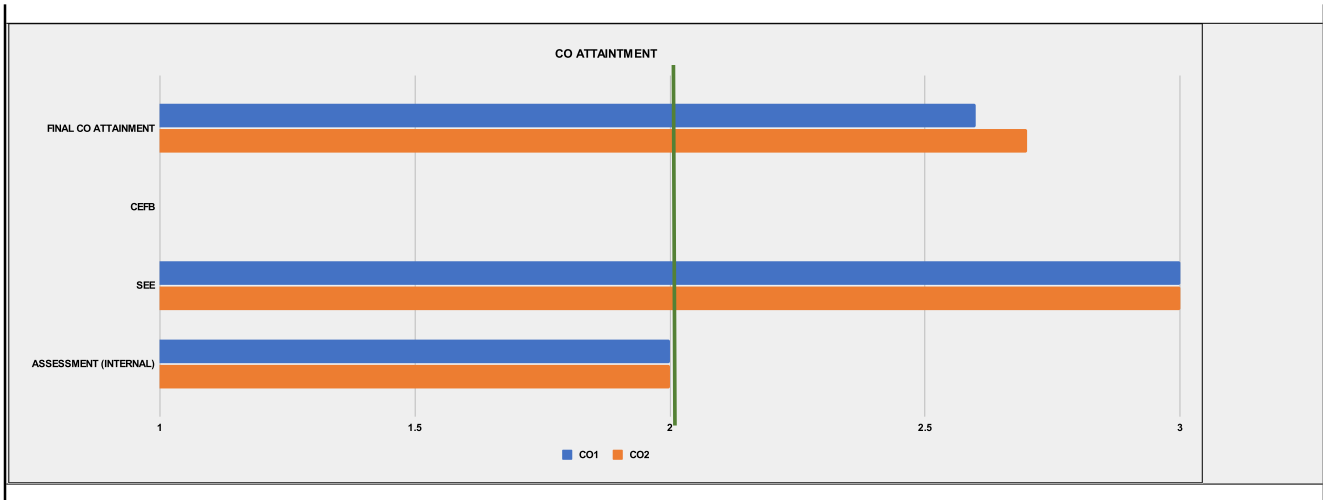
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET |
|                |                             |         |         |         | 26                               |
|                |                             |         |         |         | 33                               |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 40  | 30  |     |     |     | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 60  | 70  |     |     |     | ALWAYS ENSURE THE TOTAL IS 100 %        |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures   |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|--|
| CO1   | 2                     | 3   | -    | 2.6                 | 2.5       | Yes               |  |
| CO2   | 2                     | 3   | -    | 2.70                | 3         | No                | Use more real life examples for more practical application of the course |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | SECOND YEAR M-ARCH UD  |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 3  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + Theory (Exam)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Urban Byelaws & Planning Legislation   |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC302  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>   | <b>2</b>   | <b>2</b>    | <b>3</b>                   | <b>0</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>   | <b>2</b>   | <b>3</b>    | <b>3</b>                   | <b>0</b>                      |            |            |             |
| <b>CO3</b>                         | <b>3</b>   | <b>2</b>   | <b>3</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Students will develop a thorough understanding of governance, urban policy, planning legislations and institutions operative in India and how different sectors work.  |            |             | <b>2.45</b>                |                               |            |            |             |
| <b>CO2</b>                         | They will develop an understanding of new concepts like City Liveability Index, SDGs, the importance of gender and other variables in informing urban legislations in India with a comparative global understanding. |            |             | <b>2.45</b>                |                               |            |            |             |
| <b>CO3</b>                         | The students will be equipped with an understanding of implications of different urban Acts, reforms and policies in design and practice.  |            |             | <b>2.60</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.50</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.60</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.50</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.51</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.49</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |



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**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                                       |
|-------------------------|---------------------------------------|
| PROGRAM                 | SECOND YEAR M-ARCH UD                 |
| ACADEMIC YEAR           | 2020-2021                             |
| SEMESTER                | SEM 3                                 |
| EXAMINATION SCHEME      | Sessionals (Internal) + Theory (Exam) |
| COURSE NAME (AS PER MU) | Urban Byelaws & Planning Legislation  |
| COURSE CODE (AS PER MU) | MUDC302                               |
| FACULTY                 | Binti Singh                           |
| FACULTY INCHARGE        | Binti Singh                           |
| TOTAL MARKS             | 100                                   |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|--|---|
| CO1     | Students will develop a thorough understanding of governance, urban policy, planning legislations and institutions operative in India and how different sectors work.  | L2 - Understand (Explain ideas or concepts) |
| CO2     | They will develop an understanding of new concepts like City Liveability Index, SDGs, the importance of gender and other variables in informing urban legislations in India with a comparative global understanding. | L2 - Understand (Explain ideas or concepts) |
| CO3     | The students will be equipped with an understanding of implications of different urban Acts, reforms and policies in design and practice.  | L4 - Analyse (Draw connections among ideas) |

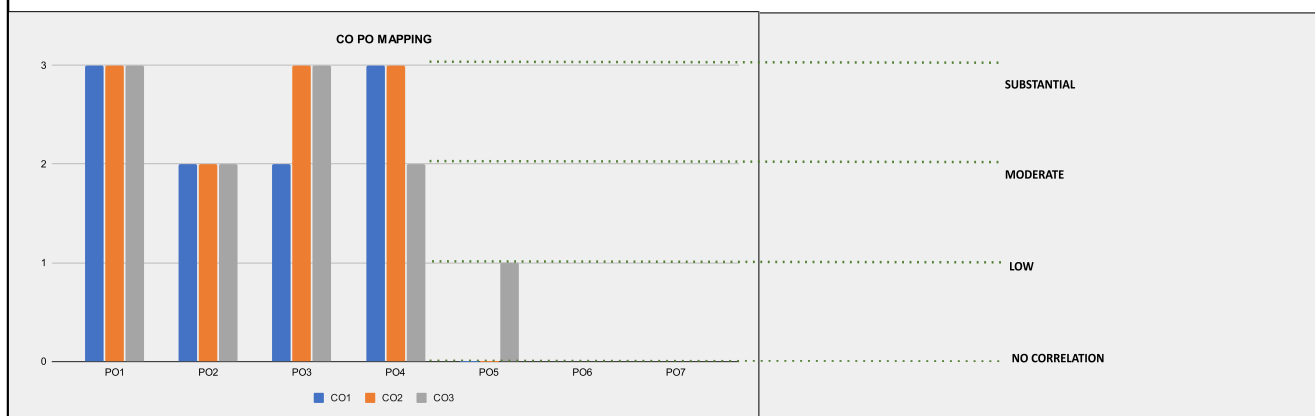
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 3    | 2    | 2    | 3    | 0    |     |     |      | 2.50       |
| CO2        | 3    | 2    | 3    | 3    | 0    |     |     |      | 2.75       |
| CO3        | 3    | 2    | 3    | 2    | 1    |     |     |      | 2.20       |
| PO AVERAGE | 3.00 | 2.00 | 2.67 | 2.67 | 1.00 |     |     | 0.00 |            |

**Conclusion and Resolution** The course equips the students with the knowledge for practical application and understanding of legislations and byelaws in the urban realm.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

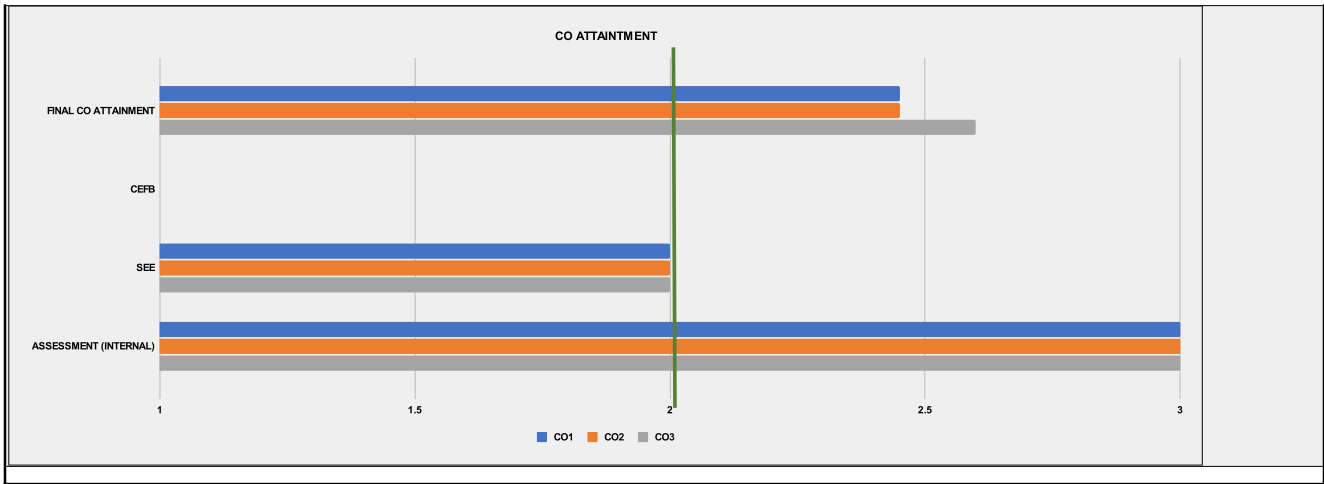
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                           |
|----------------|-----------------------------|---------|---------|---------|--|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET<br>27 |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET<br>32 |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 45  | 45  | 60  | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 55  | 55  | 40  | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %        |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | 2   | -    | 2.45                | 2.2       | Yes               |                        |
| CO2   | 3                     | 2   | -    | 2.45                | 2.2       | Yes               |                        |
| CO3   | 3                     | 2   | -    | 2.60                | 2.5       | Yes               |                        |



|                                    |  |            |            |                            |                               |            |            |            |
|------------------------------------|--|------------|------------|----------------------------|-------------------------------|------------|------------|------------|
| <b>PROGRAM</b>                     | FIRST YEAR M-ARCH UD   |            |            |                            |                               |            |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |            |                            |                               |            |            |            |
| <b>SEMESTER</b>                    | SEM 3  |            |            |                            |                               |            |            |            |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |            |                            |                               |            |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Choice-based Elective 1  |            |            |                            |                               |            |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE301  |            |            |                            |                               |            |            |            |
| <b>COPO Mapping</b>                |  |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b> | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 3  | 2          | 3          | 2                          | 1                             |            |            |            |
| CO2                                | 3  | 3          | 3          | 2                          | 2                             |            |            |            |
| CO3                                | 3  | 3          | 3          | 3                          | 2                             |            |            |            |
| CO4                                | 3  | 3          | 3          | 3                          | 3                             |            |            |            |
| CO5                                | 3  | 3          | 3          | 2                          | 2                             |            |            |            |
| <b>CO Attainments</b>              |  |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |            | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |            |
| CO1                                | Sensitization of Individual, Social and Urban associations with Water.                   |            |            | 3.00                       |                               |            |            |            |
| CO2                                | Acknowledgment of value of Historic Urban Water Infrastructure.                          |            |            | 3.00                       |                               |            |            |            |
| CO3                                | Comprehension of Issues affecting Water systems in Historic Cities                       |            |            | 3.00                       |                               |            |            |            |
| CO4                                | Understanding Constitutional & Statutory provisions governing Water and its environment. |            |            | 3.00                       |                               |            |            |            |
| CO5                                | Unravelling the Socio- Cultural & Political dimensions of historic water infrastructure  |            |            | 3.00                       |                               |            |            |            |
| <b>Course-level PO Attainments</b> |  |            |            |                            |                               |            |            |            |
| <b>PO1 Attainment</b>              |  |            | 3.00       |                            | <b>PO5 Attainment</b>         |            |            | 3.00       |
| <b>PO2 Attainment</b>              |  |            | 3.00       |                            | <b>PO6 Attainment</b>         |            |            | 0.00       |
| <b>PO3 Attainment</b>              |  |            | 3.00       |                            | <b>PO7 Attainment</b>         |            |            | 0.00       |
| <b>PO4 Attainment</b>              |  |            | 3.00       |                            | <b>PO8 Attainment</b>         |            |            | 0.00       |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | FIRST YEAR M-ARCH UD       |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 3                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Choice-based Elective 1    |
| COURSE CODE (AS PER MU) | MUDE301                    |
| FACULTY                 | Vikram Pawar               |
| FACULTY INCHARGE        | Vikram Pawar               |
| TOTAL MARKS             | 100                        |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | Sensitization of Individual, Social and Urban associations with Water.                   | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Acknowledgment of value of Historic Urban Water Infrastructure.                          | L2 - Understand (Explain ideas or concepts)    |
| CO3     | Comprehension of Issues affecting Water systems in Historic Cities                       | L3 - Apply (Use information in new situations) |
| CO4     | Understanding Constitutional & Statutory provisions governing Water and its environment. | L4 - Analyse (Draw connections among ideas)    |
| CO5     | Unravelling the Socio- Cultural & Political dimensions of historic water infrastructure  | L5 - Evaluate (Justify a stand or decision)    |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

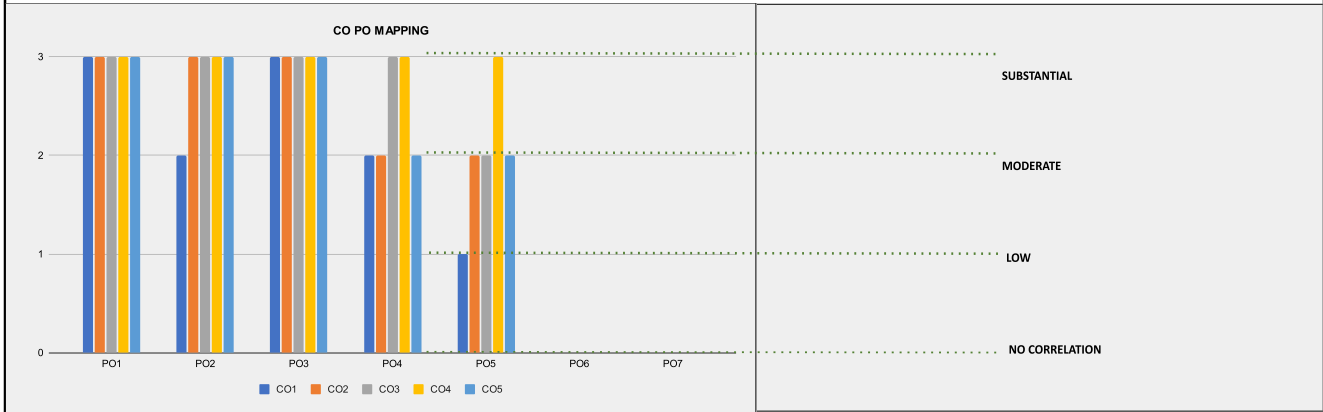
| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 3           | 2           | 3           | 2           | 1           |     |     |             | 2.20       |
| CO2               | 3           | 3           | 3           | 2           | 2           |     |     |             | 2.60       |
| CO3               | 3           | 3           | 3           | 3           | 2           |     |     |             | 2.80       |
| CO4               | 3           | 3           | 3           | 3           | 3           |     |     |             | 3.00       |
| CO5               | 3           | 3           | 3           | 2           | 2           |     |     |             | 2.60       |
| <b>PO AVERAGE</b> | <b>3.00</b> | <b>2.80</b> | <b>3.00</b> | <b>2.40</b> | <b>2.00</b> |     |     | <b>0.00</b> |            |

Conclusion and Resolution

ability to critically understand the water systems in historic cities

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

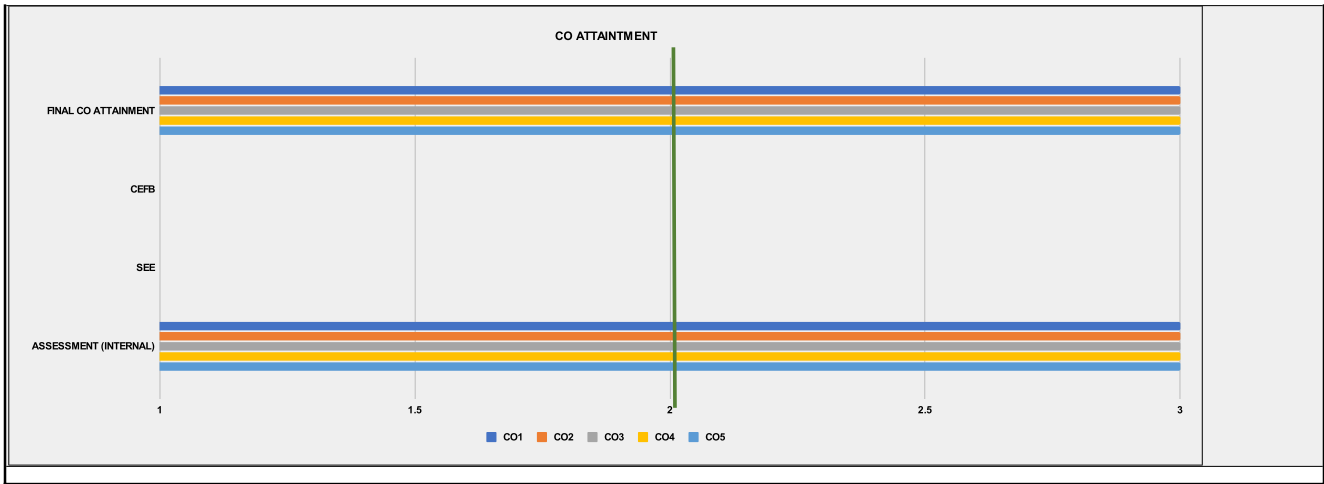
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | 65                               |
|                |                             |         |         |         | % OF STUDENTS ACHIEVE THE TARGET |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %  |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO3   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO4   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |
| CO5   | 3                     | -   | -    | 3.00                | 3         | Yes               |                        |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | SECOND YEAR M-ARCH UD  |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 3  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Choice-based Elective 2  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE302  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>   | <b>1</b>   | <b>0</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO2</b>                         | <b>2</b>   | <b>1</b>   | <b>1</b>    | <b>2</b>                   | <b>1</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | A historical perspective of housing delivery in India and the role of the State , the NGOs and the private sector in the production of housing.          |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | An understanding of the nature of the built-form produced and its relationship with the institutional and ideological structures of the actors involved. |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | SECOND YEAR M-ARCH UD      |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 3                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Choice-based Elective 2    |
| COURSE CODE (AS PER MU) | MUDE302                    |
| FACULTY                 | Aditya Sawant              |
| FACULTY INCHARGE        | Aditya Sawant              |
| TOTAL MARKS             | 100                        |

| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|--|---|
| CO1     | A historical perspective of housing delivery in India and the role of the State , the NGOs and the private sector in the production of housing.          | L2 - Understand (Explain ideas or concepts) |
| CO2     | An understanding of the nature of the built-form produced and its relationship with the institutional and ideological structures of the actors involved. | L4 - Analyse (Draw connections among ideas) |

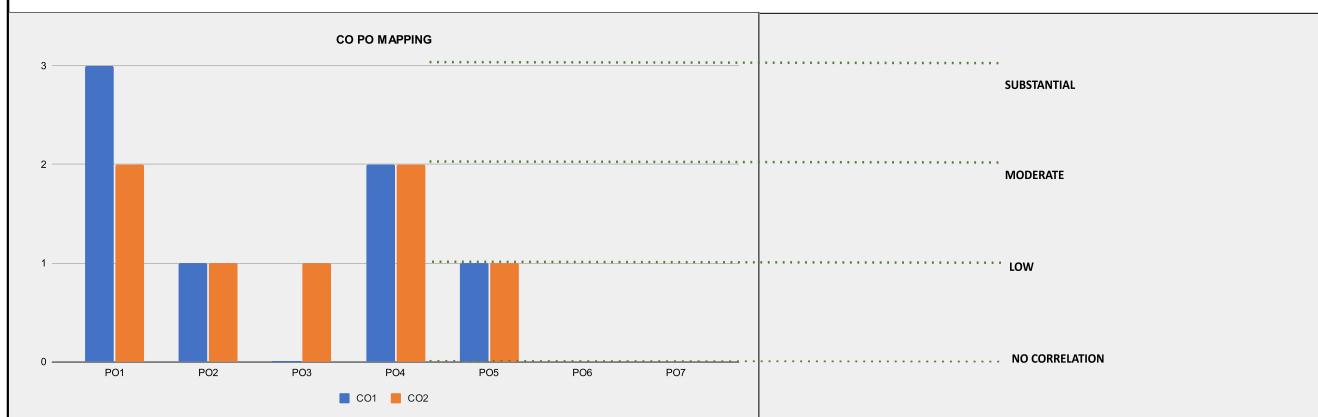
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 3           | 1           | 0           | 2           | 1           |     |     |             | 1.75       |
| CO2               | 2           | 1           | 1           | 2           | 1           |     |     |             | 1.40       |
| <b>PO AVERAGE</b> | <b>2.50</b> | <b>1.00</b> | <b>1.00</b> | <b>2.00</b> | <b>1.00</b> |     |     | <b>0.00</b> |            |

**Conclusion and Resolution** tries to contextualize housing within larger forces that shape urban development and helps provide different perspectives that can enable interventions in the built urban environment.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

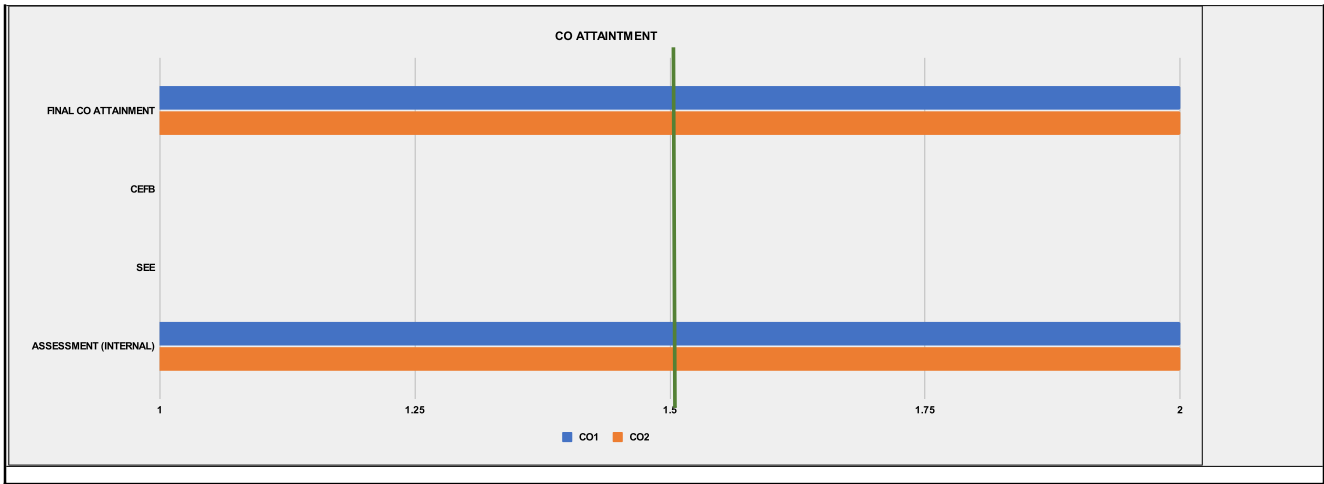
| TOOLS          | IF GREATER THAN OR EQUAL TO | LEVEL 1 | LEVEL 2 | LEVEL 3                          | TARGET MARKS |
|----------------|-----------------------------|---------|---------|----------------------------------|--------------|
| INTERNAL MARKS |                             | 10-29   | 30-59   | 60-89                            |              |
|                |                             |         |         | % OF STUDENTS ACHIEVE THE TARGET | 62           |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 0   | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %  |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures                     |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|--|
| CO1   | 2                     | -   | -    | 2.00                |           | Yes               | More time should be dedicated for readings |
| CO2   | 2                     | -   | -    | 2.00                |           | Yes               |  |





|                                    |   |            |            |                            |                               |            |            |            |
|------------------------------------|---|------------|------------|----------------------------|-------------------------------|------------|------------|------------|
| <b>PROGRAM</b>                     | SECOND YEAR B-ARCH  |            |            |                            |                               |            |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |            |                            |                               |            |            |            |
| <b>SEMESTER</b>                    | SEM 3   |            |            |                            |                               |            |            |            |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)  |            |            |                            |                               |            |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Urban Design III  |            |            |                            |                               |            |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDS301   |            |            |                            |                               |            |            |            |
| <b>COPO Mapping</b>                |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b> | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 3   | 2          | 2          | 2                          | 2                             |            |            |            |
| CO2                                | 2   | 2          | 2          | 3                          | 3                             |            |            |            |
| CO3                                | 2   | 1          | 3          | 2                          | 2                             |            |            |            |
| CO4                                | 2   | 2          | 3          | 2                          | 3                             |            |            |            |
| <b>CO Attainments</b>              |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |            | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |            |
| CO1                                | Objectivity in data collection and assessment.                                      |            |            | 2.00                       |                               |            |            |            |
| CO2                                | Identify broad urban design principles, based on any current/relevant urban issues. |            |            | 2.00                       |                               |            |            |            |
| CO3                                | Ability to frame site appropriate urban design programs and projects.               |            |            | 2.00                       |                               |            |            |            |
| CO4                                | Proficiency in the technique of place making for the given project.                 |            |            | 2.00                       |                               |            |            |            |
| CO5                                |   |            |            | 2.00                       |                               |            |            |            |
| <b>Course-level PO Attainments</b> |   |            |            |                            |                               |            |            |            |
| <b>PO1 Attainment</b>              |   |            | 2.00       |                            | <b>PO5 Attainment</b>         |            |            | 2.00       |
| <b>PO2 Attainment</b>              |   |            | 2.00       |                            | <b>PO6 Attainment</b>         |            |            | 0.00       |
| <b>PO3 Attainment</b>              |   |            | 2.00       |                            | <b>PO7 Attainment</b>         |            |            | 0.00       |
| <b>PO4 Attainment</b>              |   |            | 2.00       |                            | <b>PO8 Attainment</b>         |            |            | 0.00       |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | SECOND YEAR B-ARCH         |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 3                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Urban Design III           |
| COURSE CODE (AS PER MU) | MUDS301                    |
| FACULTY                 | Manoj , Paul               |
| FACULTY INCHARGE        | Manoj                      |
| TOTAL MARKS             | 450                        |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|---|--|
| CO1     | Objectivity in data collection and assessment.                                      | L2 - Understand (Explain ideas or concepts)    |
| CO2     | Identify broad urban design principles, based on any current/relevant urban issues. | L3 - Apply (Use information in new situations) |
| CO3     | Ability to frame site appropriate urban design programs and projects.               | L5 - Evaluate (Justify a stand or decision)    |
| CO4     | Proficiency in the technique of place making for the given project.                 | L6 - Create (Produce new or original work)     |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

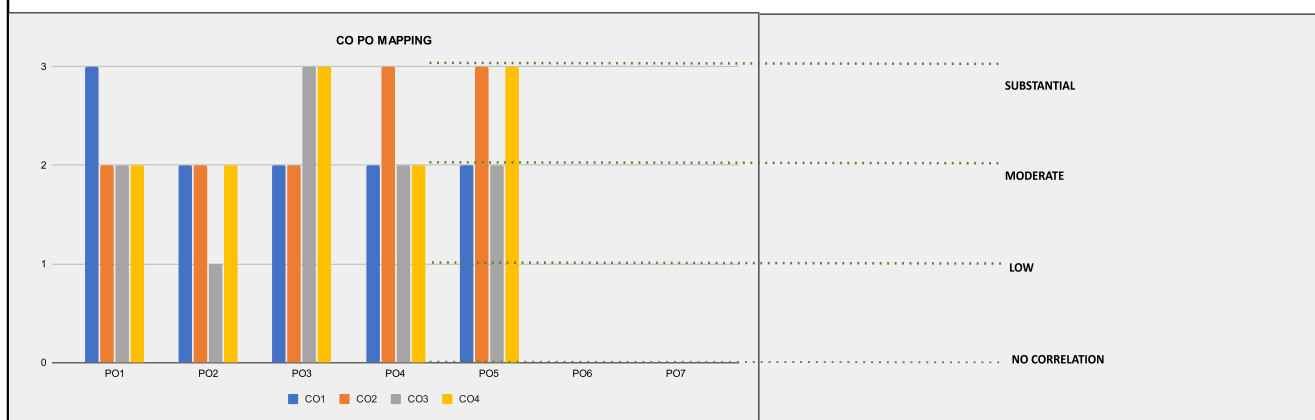
| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 3           | 2           | 2           | 2           | 2           |     |     |             | 2.20       |
| CO2               | 2           | 2           | 2           | 3           | 3           |     |     |             | 2.40       |
| CO3               | 2           | 1           | 3           | 2           | 2           |     |     |             | 2.00       |
| CO4               | 2           | 2           | 3           | 2           | 3           |     |     |             | 2.40       |
| <b>PO AVERAGE</b> | <b>2.25</b> | <b>1.75</b> | <b>2.50</b> | <b>2.25</b> | <b>2.50</b> |     |     | <b>0.00</b> |            |

**Conclusion and Resolution**

The synthesis of various subjects helps the learner assimilate subject matter

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

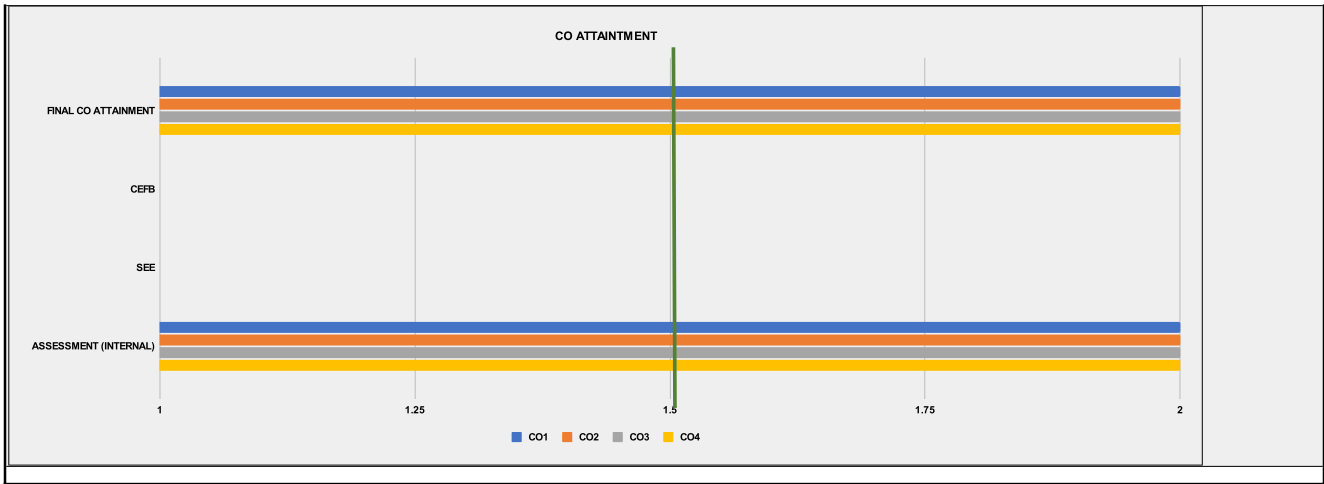
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET |
|                |                             |         |         |         | 290                              |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 0   | 0   | 0   | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 2                     | -   | -    | 2.00                | 2         | Yes               |                        |
| CO2   | 2                     | -   | -    | 2.00                | 2         | Yes               |                        |
| CO3   | 2                     | -   | -    | 2.00                | 2         | Yes               |                        |
| CO4   | 2                     | -   | -    | 2.00                | 2         | Yes               |                        |



|                                    |   |            |             |                            |                               |            |            |             |
|------------------------------------|---|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | SECOND YEAR M-ARCH UD   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 3   |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)  |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Thesis I  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDC303   |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>  | <b>3</b>   | <b>2</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>  | <b>3</b>   | <b>2</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO Attainments</b>              |   |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Creating methods to observe, map, analyze and frame possibilities of interventions or initiate transformation in a particular urban condition |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | Writing a thesis proposal   |            |             | <b>3.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |   |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>3.00</b> |
| <b>PO2 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |   |            | <b>3.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |  |
|-------------------------|--|
| PROGRAM                 | SECOND YEAR M-ARCH UD  |
| ACADEMIC YEAR           | 2020-2021  |
| SEMESTER                | SEM 3  |
| EXAMINATION SCHEME      | Only Sessionals (Internal)   |
| COURSE NAME (AS PER MU) | Thesis I   |
| COURSE CODE (AS PER MU) | MUDC303  |
| FACULTY                 | Manoj Parmar, Dr. Binti Singh, Ginella George, Sarah George, Aditya Sawant |
| FACULTY INCHARGE        | Manoj Parmar   |
| TOTAL MARKS             | 150  |

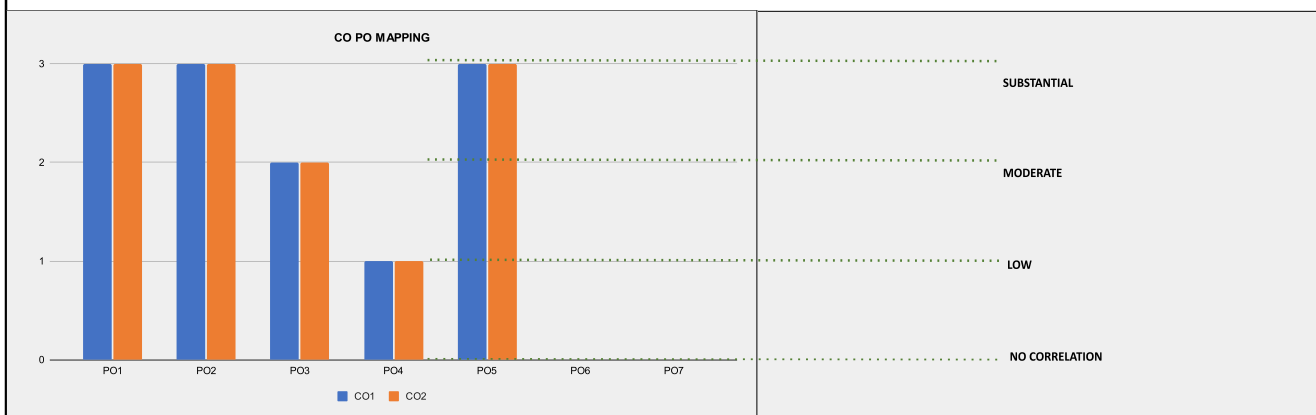
| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|---|---|
| CO1     | Creating methods to observe, map, analyze and frame possibilities of interventions or initiate transformation in a particular urban condition | L6 - Create (Produce new or original work)  |
| CO2     | Writing a thesis proposal   | L2 - Understand (Explain ideas or concepts) |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No                    | PO1   | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|---------------------------|---|------|------|------|------|-----|-----|------|------------|
| CO1                       | 3   | 3    | 2    | 1    | 3    |     |     |      | 2.40       |
| CO2                       | 3   | 3    | 2    | 1    | 3    |     |     |      | 2.40       |
| PO AVERAGE                | 3.00  | 3.00 | 2.00 | 1.00 | 3.00 |     |     | 0.00 |            |
| Conclusion and Resolution | Creating methods to observe, map, analyze and frame possibilities of interventions or initiate transformation in a particular urban condition |      |      |      |      |     |     |      |            |

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

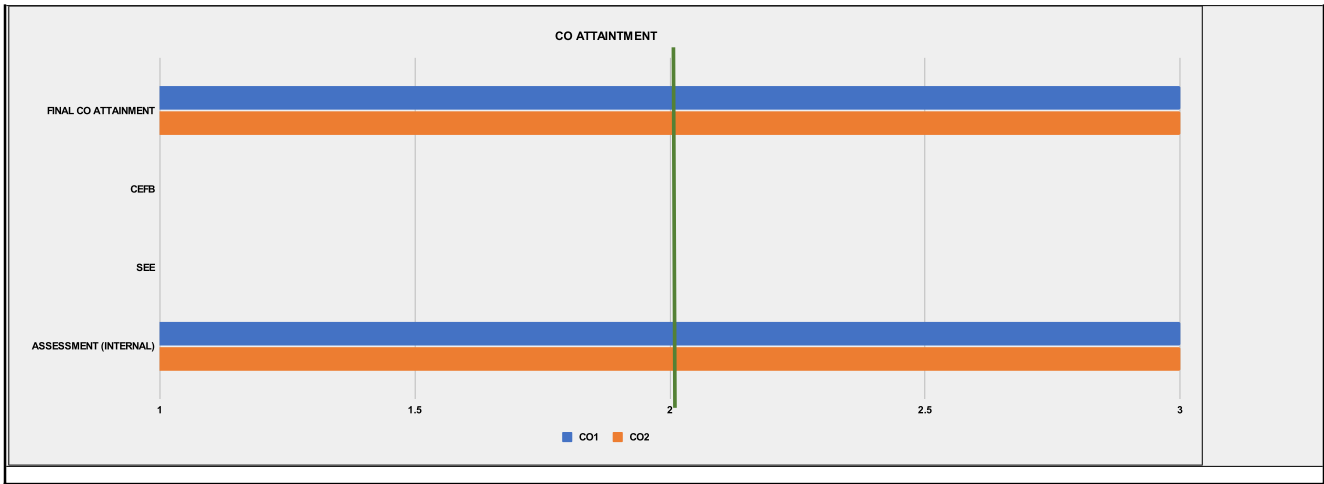
| TOOLS          | IF GREATER THAN OR EQUAL TO | LEVEL 1                          | LEVEL 2 | LEVEL 3 | TARGET MARKS |
|----------------|-----------------------------|----------------------------------|---------|---------|--------------|
| INTERNAL MARKS |                             | 10-29                            | 30-59   | 60-89   |              |
|                |                             | % OF STUDENTS ACHIEVE THE TARGET |         |         | 90           |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 55  | 50  | 0   | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %  |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                | 2         | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                | 2         | Yes               |                        |



2020-21



# Semester IV



|                                    |   |            |            |                            |                               |            |            |            |
|------------------------------------|---|------------|------------|----------------------------|-------------------------------|------------|------------|------------|
| <b>PROGRAM</b>                     | SECOND YEAR M-ARCH UD   |            |            |                            |                               |            |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |            |                            |                               |            |            |            |
| <b>SEMESTER</b>                    | SEM 4   |            |            |                            |                               |            |            |            |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)  |            |            |                            |                               |            |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Choice-based Elective 1   |            |            |                            |                               |            |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE401   |            |            |                            |                               |            |            |            |
| <b>COPO Mapping</b>                |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b> | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 2   | 0          | 0          | 0                          | 0                             |            |            |            |
| CO2                                | 3   | 0          | 0          | 0                          | 2                             |            |            |            |
| CO3                                | 3   | 1          | 1          | 1                          | 1                             |            |            |            |
| <b>CO Attainments</b>              |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |            | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |            |
| CO1                                | To understand the relationship between representation and the making of an argument about nature and resilience |            |            | 3.00                       |                               |            |            |            |
| CO2                                | To analyse a cultural artefact within a context and its modes of making the argument.                           |            |            | 3.00                       |                               |            |            |            |
| CO3                                | To evaluate the effectivity of the cultural artefact in making an argument about nature and resilience          |            |            | 3.00                       |                               |            |            |            |
| <b>Course-level PO Attainments</b> |   |            |            |                            |                               |            |            |            |
| <b>PO1 Attainment</b>              |   |            | 3.00       |                            | <b>PO5 Attainment</b>         |            |            | 3.00       |
| <b>PO2 Attainment</b>              |   |            | 3.00       |                            | <b>PO6 Attainment</b>         |            |            | 0.00       |
| <b>PO3 Attainment</b>              |   |            | 3.00       |                            | <b>PO7 Attainment</b>         |            |            | 0.00       |
| <b>PO4 Attainment</b>              |   |            | 3.00       |                            | <b>PO8 Attainment</b>         |            |            | 0.00       |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | SECOND YEAR M-ARCH UD      |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 4                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Choice-based Elective 1    |
| COURSE CODE (AS PER MU) | MUDE401                    |
| FACULTY                 | Rohan Shivkumar            |
| FACULTY INCHARGE        | Rohan Shivkumar            |
| TOTAL MARKS             | 50                         |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)               |
|---------|---|---|
| CO1     | To understand the relationship between representation and the making of an argument about nature and resilience | L2 - Understand (Explain ideas or concepts) |
| CO2     | To analyse a cultural artefact within a context and its modes of making the argument.                           | L4 - Analyse (Draw connections among ideas) |
| CO3     | To evaluate the effectivity of the cultural artefact in making an argument about nature and resilience          | L5 - Evaluate (Justify a stand or decision) |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No     | PO1  | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|------------|------|------|------|------|------|-----|-----|------|------------|
| CO1        | 2    | 0    | 0    | 0    | 0    |     |     |      | 2.00       |
| CO2        | 3    | 0    | 0    | 0    | 2    |     |     |      | 2.50       |
| CO3        | 3    | 1    | 1    | 1    | 1    |     |     |      | 1.40       |
| PO AVERAGE | 2.67 | 1.00 | 1.00 | 1.00 | 1.50 |     |     | 0.00 |            |

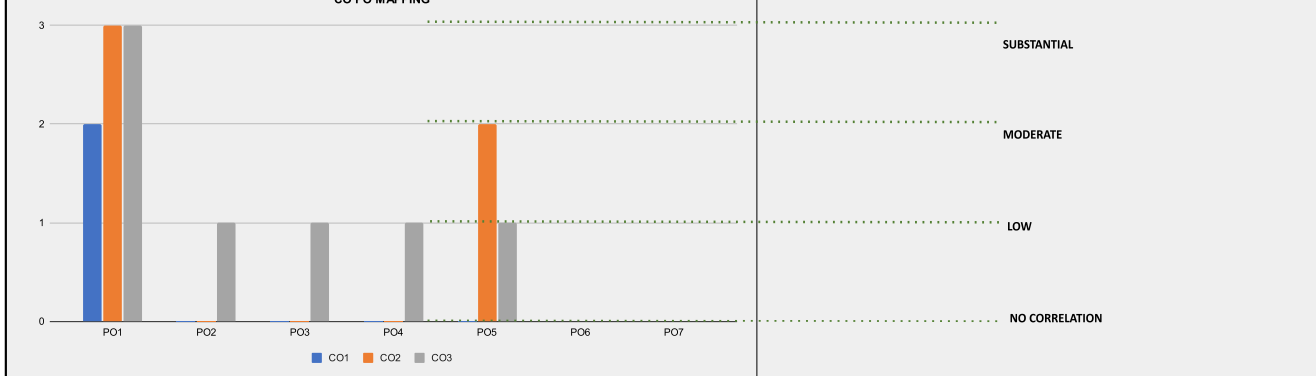
Conclusion and Resolution

Trial text

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUSBTANTIAL (HIGH) |
| 0 | NO CORRELATION     |

**CO PO MAPPING**



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

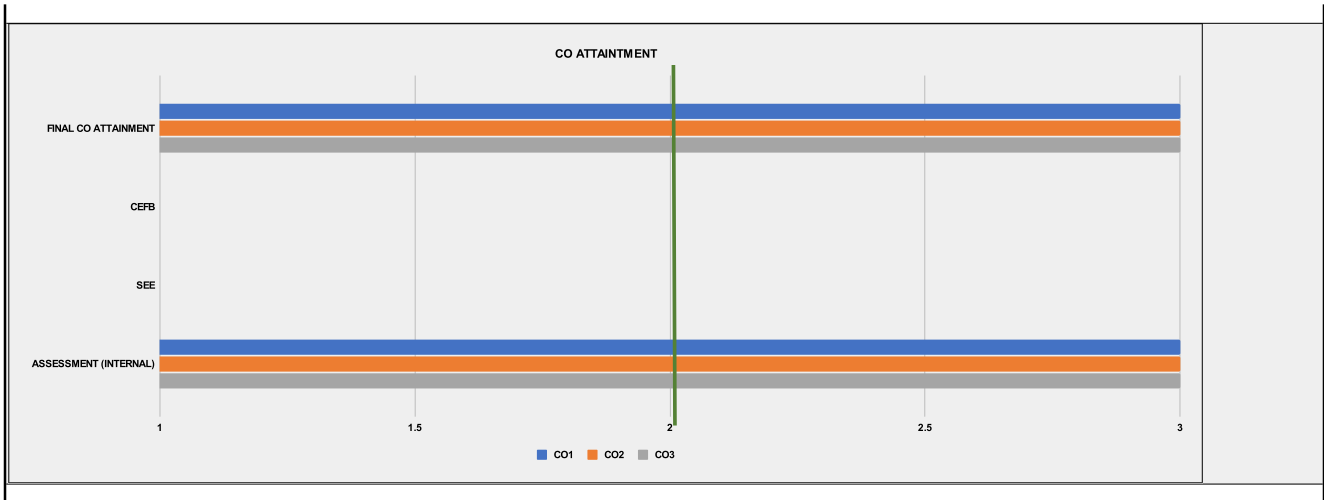
| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                     |
|----------------|-----------------------------|---------|---------|---------|----------------------------------|
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET |
|                |                             |         |         |         | 32                               |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 |   |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 100 | 100 | 100 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 %<br>ALWAYS ENSURE THE TOTAL IS 100 % |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   |   |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | -   | -    | 3.00                |           | Yes               |                        |
| CO2   | 3                     | -   | -    | 3.00                |           | Yes               |                        |
| CO3   | 3                     | -   | -    | 3.00                |           | Yes               |                        |



|                                    |  |            |             |                            |                               |            |            |             |
|------------------------------------|--|------------|-------------|----------------------------|-------------------------------|------------|------------|-------------|
| <b>PROGRAM</b>                     | SECOND YEAR B-ARCH   |            |             |                            |                               |            |            |             |
| <b>ACADEMIC YEAR</b>               | 2020-2021  |            |             |                            |                               |            |            |             |
| <b>SEMESTER</b>                    | SEM 4  |            |             |                            |                               |            |            |             |
| <b>EXAMINATION SCHEME</b>          | Only Sessionals (Internal)   |            |             |                            |                               |            |            |             |
| <b>COURSE NAME (AS PER MU)</b>     | Choice-based Elective 2  |            |             |                            |                               |            |            |             |
| <b>COURSE CODE (AS PER MU)</b>     | MUDE402  |            |             |                            |                               |            |            |             |
| <b>COPO Mapping</b>                |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>PO1</b>   | <b>PO2</b> | <b>PO3</b>  | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b>  |
| <b>CO1</b>                         | <b>3</b>   | <b>3</b>   | <b>3</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO2</b>                         | <b>3</b>   | <b>3</b>   | <b>2</b>    | <b>1</b>                   | <b>3</b>                      |            |            |             |
| <b>CO Attainments</b>              |  |            |             |                            |                               |            |            |             |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>   |            |             | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |             |
| <b>CO1</b>                         | Students can structure critical arguments regarding observed urban phenomena   |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>CO2</b>                         | They can formulate research objectives for their thesis, where they independently explore phenomena that have spatial implications in our cities |            |             | <b>2.00</b>                |                               |            |            |             |
| <b>Course-level PO Attainments</b> |  |            |             |                            |                               |            |            |             |
| <b>PO1 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO5 Attainment</b>         |            |            | <b>2.00</b> |
| <b>PO2 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO6 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO3 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO7 Attainment</b>         |            |            | <b>0.00</b> |
| <b>PO4 Attainment</b>              |  |            | <b>2.00</b> |                            | <b>PO8 Attainment</b>         |            |            | <b>0.00</b> |

**USM'S KAMLA RAHEJA VIDYANIDHI INSTITUTE FOR ARCHITECTURE AND ENVIRONMENTAL STUDIES**

**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |                            |
|-------------------------|----------------------------|
| PROGRAM                 | SECOND YEAR B-ARCH         |
| ACADEMIC YEAR           | 2020-2021                  |
| SEMESTER                | SEM 4                      |
| EXAMINATION SCHEME      | Only Sessionals (Internal) |
| COURSE NAME (AS PER MU) | Choice-based Elective 2    |
| COURSE CODE (AS PER MU) | MUDE402                    |
| FACULTY                 | Aneerudha Paul             |
| FACULTY INCHARGE        | Aneerudha Paul             |
| TOTAL MARKS             | 100                        |

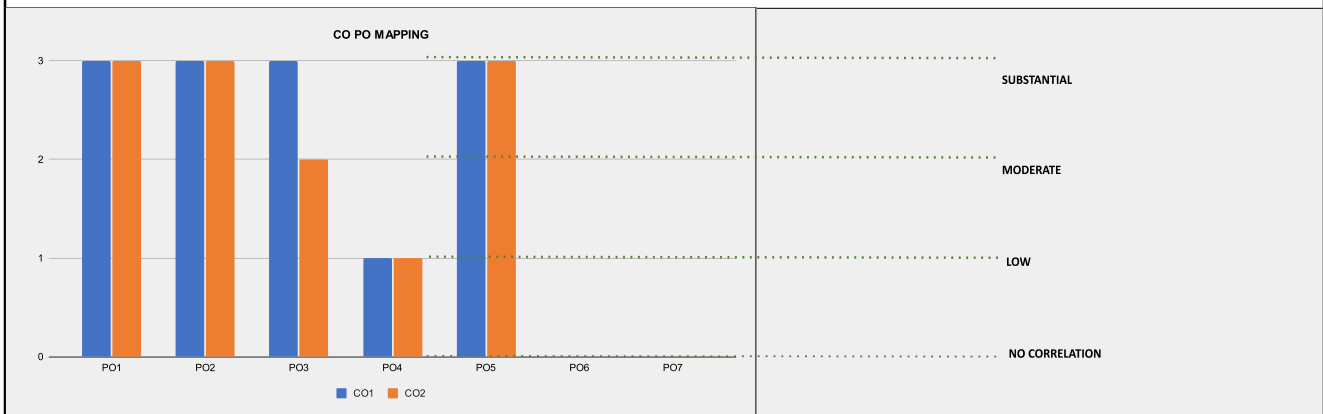
| CO. No. | COURSE OUTCOME   | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|--|--|
| CO1     | Students can structure critical arguments regarding observed urban phenomena   | L2 - Understand (Explain ideas or concepts)    |
| CO2     | They can formulate research objectives for their thesis, where they independently explore phenomena that have spatial implications in our cities | L3 - Apply (Use information in new situations) |

**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No                    | PO1        | PO2  | PO3  | PO4  | PO5  | PO6 | PO7 | PO8  | CO AVERAGE |
|---------------------------|------------|------|------|------|------|-----|-----|------|------------|
| CO1                       | 3          | 3    | 3    | 1    | 3    |     |     |      | 2.60       |
| CO2                       | 3          | 3    | 2    | 1    | 3    |     |     |      | 2.40       |
| PO AVERAGE                | 3.00       | 3.00 | 2.50 | 1.00 | 3.00 |     |     | 0.00 |            |
| Conclusion and Resolution | Trial text |      |      |      |      |     |     |      |            |

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

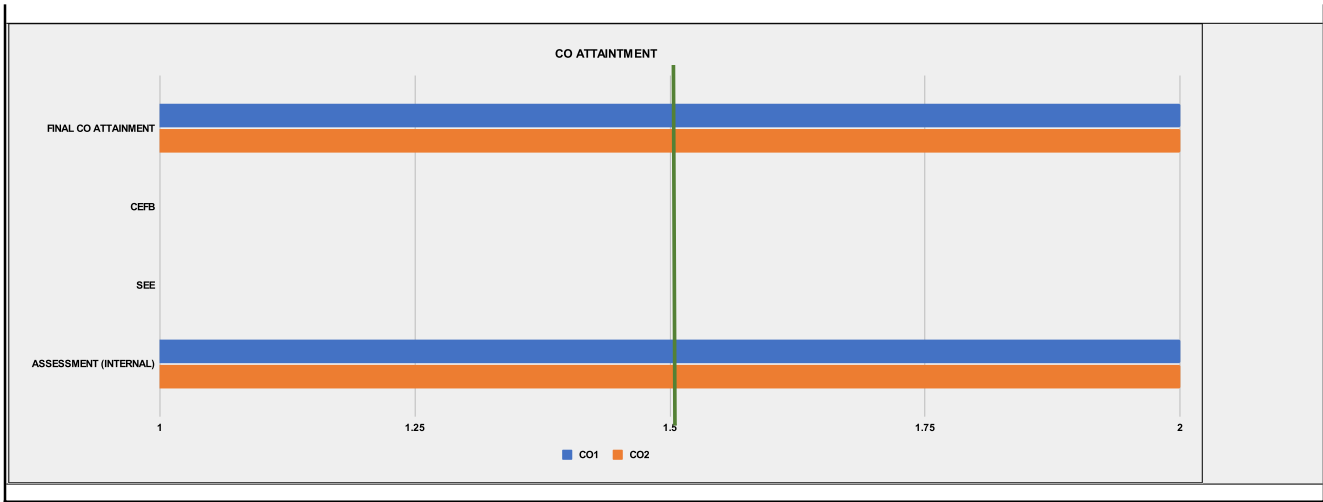
| TOOLS          | IF GREATER THAN OR EQUAL TO | LEVEL 1 | LEVEL 2 | LEVEL 3                          | TARGET MARKS |
|----------------|-----------------------------|---------|---------|----------------------------------|--------------|
| INTERNAL MARKS |                             | 10-29   | 30-59   | 60-89                            |              |
|                |                             |         |         | % OF STUDENTS ACHIEVE THE TARGET | 65           |

**PERCENTAGE WEIGHTAGE SET FOR THE ASSESSEMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT<br>ALWAYS ENSURE THE TOTAL IS 100 % |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 100 | 100 | 0   | 0   | 0   |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %  |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures   |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|--|
| CO1   | 2                     | -   | -    | 2.00                | 2.5       | No                | are not able to work on sites due to COVID. Also the semester was short as the |
| CO2   | 2                     | -   | -    | 2.00                | 2.5       | No                |  |



|                                    |   |            |            |                            |                               |            |            |            |
|------------------------------------|---|------------|------------|----------------------------|-------------------------------|------------|------------|------------|
| <b>PROGRAM</b>                     | SECOND YEAR M-ARCH UD   |            |            |                            |                               |            |            |            |
| <b>ACADEMIC YEAR</b>               | 2020-2021   |            |            |                            |                               |            |            |            |
| <b>SEMESTER</b>                    | SEM 4   |            |            |                            |                               |            |            |            |
| <b>EXAMINATION SCHEME</b>          | Sessionals (Internal) + External (Jury)   |            |            |                            |                               |            |            |            |
| <b>COURSE NAME (AS PER MU)</b>     | Thesis  |            |            |                            |                               |            |            |            |
| <b>COURSE CODE (AS PER MU)</b>     | MUDS401   |            |            |                            |                               |            |            |            |
| <b>COPO Mapping</b>                |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>PO1</b>  | <b>PO2</b> | <b>PO3</b> | <b>PO4</b>                 | <b>PO5</b>                    | <b>PO6</b> | <b>PO7</b> | <b>PO8</b> |
| CO1                                | 1   | 1          | 2          | 2                          | 3                             |            |            |            |
| CO2                                | 3   | 3          | 3          | 2                          | 2                             |            |            |            |
| CO3                                | 3   | 2          | 2          | 2                          | 2                             |            |            |            |
| CO4                                | 2   | 3          | 3          | 3                          | 2                             |            |            |            |
| CO5                                | 1   | 2          | 3          | 3                          | 2                             |            |            |            |
| <b>CO Attainments</b>              |   |            |            |                            |                               |            |            |            |
| <b>CO. No</b>                      | <b>CO STATEMENTS</b>  |            |            | <b>FINAL CO ATTAINMENT</b> | <b>CO CORRECTIVE MEASURES</b> |            |            |            |
| CO1                                | Ability to critically review and build on existing literature for production of new knowledge.  |            |            | 3.00                       |                               |            |            |            |
| CO2                                | They will develop propositions based on one's own readings of the site and context to recommend either real or speculative interventions. |            |            | 3.00                       |                               |            |            |            |
| CO3                                | The students will be equipped with an ability to validate urban propositions through theoretical positions.                               |            |            | 3.00                       |                               |            |            |            |
| CO4                                | Equip the students to propose instruments for implementation in the urban realm.  |            |            | 3.00                       |                               |            |            |            |
| CO5                                | Develop methods and skills for appropriate representation using innovative techniques.  |            |            | 3.00                       |                               |            |            |            |
| <b>Course-level PO Attainments</b> |   |            |            |                            |                               |            |            |            |
| <b>PO1 Attainment</b>              |   |            | 3.00       |                            | <b>PO5 Attainment</b>         |            |            | 3.00       |
| <b>PO2 Attainment</b>              |   |            | 3.00       |                            | <b>PO6 Attainment</b>         |            |            | 0.00       |
| <b>PO3 Attainment</b>              |   |            | 3.00       |                            | <b>PO7 Attainment</b>         |            |            | 0.00       |
| <b>PO4 Attainment</b>              |   |            | 3.00       |                            | <b>PO8 Attainment</b>         |            |            | 0.00       |

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**MASTERS OF URBAN DESIGN**

**COURSE OUTCOME AND PROGRAM OUTCOME ASSESSMENT**

**COURSE DETAILS**

|                         |   |
|-------------------------|---|
| PROGRAM                 | SECOND YEAR M-ARCH UD   |
| ACADEMIC YEAR           | 2020-2021   |
| SEMESTER                | SEM 4   |
| EXAMINATION SCHEME      | Sessionals (Internal) + External (Jury)   |
| COURSE NAME (AS PER MU) | Thesis  |
| COURSE CODE (AS PER MU) | MUDS401   |
| FACULTY                 | Manoj Parmar, Aneerudha Paul, Jamshid Bhiwandiwala, Shweta Wagh, Vikram Pawar, George Jacob, Ginella George, Sarah George, Sanaeya Vandrewala, Aditya Sawant, Jasmine Saluja, Binit Singh |
| FACULTY INCHARGE        | Manoj Parmar  |
| TOTAL MARKS             | 850   |

| CO. No. | COURSE OUTCOME  | RBT (REVISED BLOOMS TAXONOMY)                  |
|---------|---|--|
| CO1     | Ability to critically review and build on existing literature for production of new knowledge.  | L6 - Create (Produce new or original work)     |
| CO2     | They will develop propositions based on one's own readings of the site and context to recommend either real or speculative interventions. | L4 - Analyse (Draw connections among ideas)    |
| CO3     | The students will be equipped with an ability to validate urban propositions through theoretical positions.                               | L5 - Evaluate (Justify a stand or decision)    |
| CO4     | Equip the students to propose instruments for implementation in the urban realm.  | L3 - Apply (Use information in new situations) |
| CO5     | Develop methods and skills for appropriate representation using innovative techniques.  | L6 - Create (Produce new or original work)     |

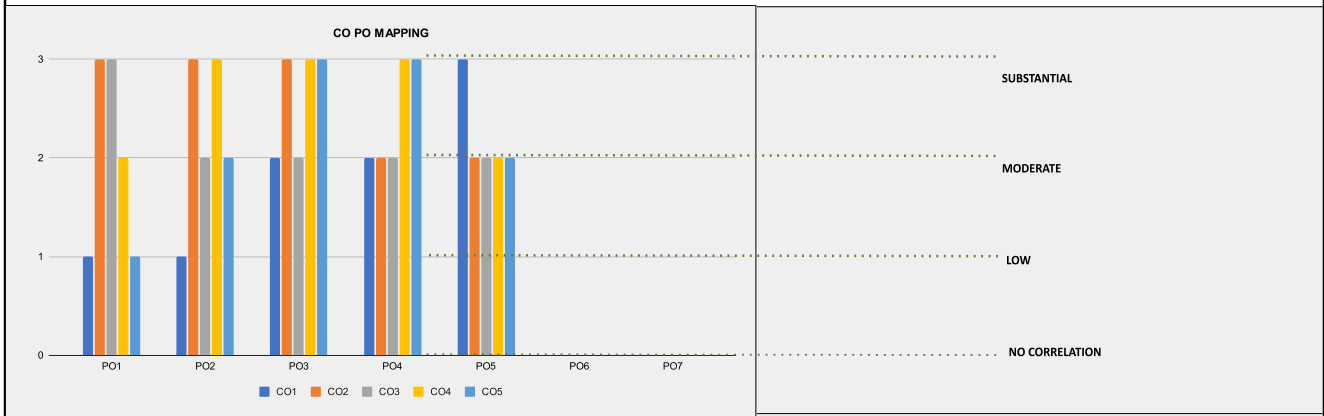
**MAPPING OF COURSE OUTCOMES AND PROGRAM OUTCOMES**

| CO. No            | PO1         | PO2         | PO3         | PO4         | PO5         | PO6 | PO7 | PO8         | CO AVERAGE |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-------------|------------|
| CO1               | 1           | 1           | 2           | 2           | 3           |     |     |             | 1.80       |
| CO2               | 3           | 3           | 3           | 2           | 2           |     |     |             | 2.60       |
| CO3               | 3           | 2           | 2           | 2           | 2           |     |     |             | 2.20       |
| CO4               | 2           | 3           | 3           | 3           | 2           |     |     |             | 2.60       |
| CO5               | 1           | 2           | 3           | 3           | 2           |     |     |             | 2.20       |
| <b>PO AVERAGE</b> | <b>2.00</b> | <b>2.20</b> | <b>2.60</b> | <b>2.40</b> | <b>2.20</b> |     |     | <b>0.00</b> |            |

**Conclusion and Resolution** The course prepares students present design propositions in the urban realm that are practical, innovative and validated through theoretical positions.

**CORRELATION LEVELS FOR POS**

|   |                    |
|---|--------------------|
| 1 | SLIGHT (LOW)       |
| 2 | MODERATE (MEDIUM)  |
| 3 | SUBSTANTIAL (HIGH) |
| 0 | NO CORRELATION     |



**DEFINED ATTAINMENT LEVELS W.R.T % OF STUDENTS SCORING THE TARGET MARKS**

| TOOLS          |                             | LEVEL 1 | LEVEL 2 | LEVEL 3 | TARGET MARKS                            |
|----------------|-----------------------------|---------|---------|---------|---|
| SEE            | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET<br>300 |
| INTERNAL MARKS | IF GREATER THAN OR EQUAL TO | 10-29   | 30-59   | 60-89   | % OF STUDENTS ACHIEVE THE TARGET<br>180 |

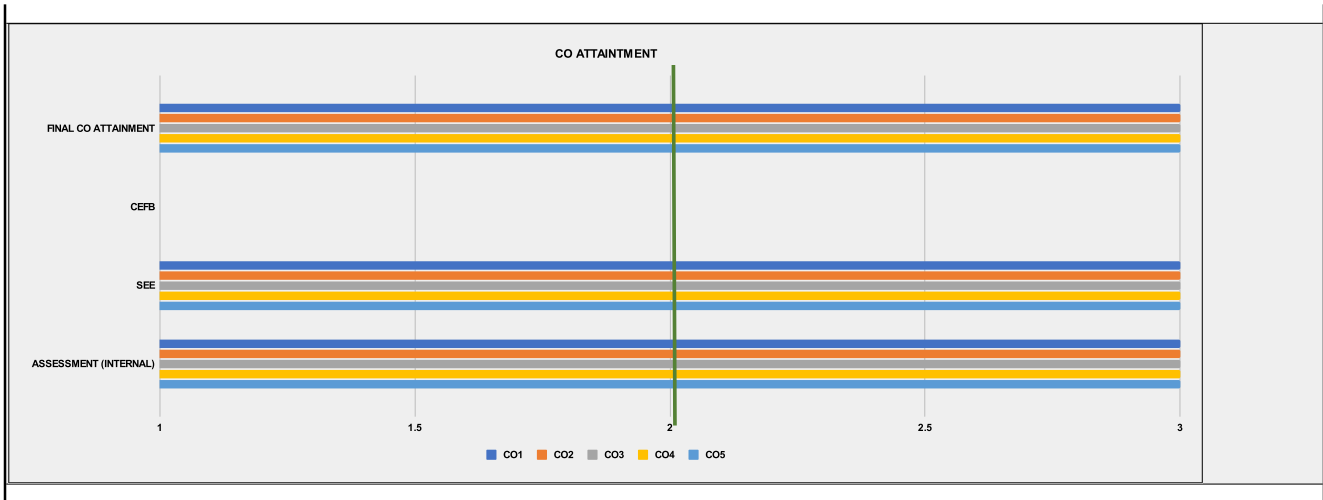
**PERCENTAGE WEIGHTAGE SET FOR THE ASSESMENT TOOLS**

| COURSE OUTCOMES             | CO1 | CO2 | CO3 | CO4 | CO5 | WEIGHTAGE CAN BE DECIDED AS PER SUBJECT |
|-----------------------------|-----|-----|-----|-----|-----|---|
| INTERNAL MARKS              | 60  | 55  | 60  | 45  | 55  | ALWAYS ENSURE THE TOTAL IS 100 %        |
| SEE                         | 40  | 45  | 40  | 55  | 45  |   |
| DIRECT METHOD               | 100 | 100 | 100 | 100 | 100 |   |
| COURSE EXIT FEEDBACK SURVEY | 0   | 0   | 0   | 0   | 0   | ALWAYS ENSURE THE TOTAL IS 100 %        |

**COURSE OUTCOME ATTAINMENT LEVELS**

| CO NO | ASSESSMENT (INTERNAL) | SEE | CEFB | FINAL CO ATTAINMENT | CO TARGET | TARGET ACHIEVED ? | CO Corrective Measures |
|-------|-----------------------|-----|------|---------------------|-----------|-------------------|------------------------|
| CO1   | 3                     | 3   | -    | 3                   | 2         | Yes               |                        |
| CO2   | 3                     | 3   | -    | 3.00                | 2.5       | Yes               |                        |
| CO3   | 3                     | 3   | -    | 3.00                | 2.5       | Yes               |                        |
| CO4   | 3                     | 3   | -    | 3.00                | 2.2       | Yes               |                        |
| CO5   | 3                     | 3   | -    | 3.00                | 2.5       | Yes               |                        |







**KRVIA**